

A bibliography of mycology and plant pathology in Ireland, 1976 to 2000

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ABSTRACT This bibliography includes medical and veterinary mycology, and plant pathology relating to bacteriology and virology. It is based on published work from Ireland, between 1976 and 2000 inclusive, and comprises 859 references. An index of topics is included. There is also a list of 193 theses for which Master or Doctorate degrees were awarded.

INTRODUCTION

In his publication, *Mycology and Plant Pathology in Ireland*, Muskett (1976) gave an account of the history and development of mycology and plant pathology in Ireland since the first traceable mention of Irish fungi in the scientific sense in 1726. His work included a bibliography containing 1,355 titles, in chronological order, covering the period from 1726 to 1975. The bibliography presented here covers the years 1976 to 2000. The basis of the present work was to search for work on mycology and plant pathology published by authors with an Irish address. Where work relating to Ireland, which was published from an address abroad, was noted, it is included but it was not possible to make a full search for such work.

The principal sources for this work were:

The Review of Plant Pathology and the Review of Medical and Veterinary Mycology, both published by CAB International.

The following journals were also checked for relevant material:

Irish Naturalists' Journal
Proceedings of the Royal Irish Academy
Proceedings of meetings published by the Royal Irish Academy
Scientific Proceedings of the Royal Dublin Society
Journal of Life Sciences of the Royal Dublin Society
Irish Journal of Agricultural Research later named the Irish Journal of Agricultural and Food Research
Mycologist
Field Mycology

Various reports of meetings, institutes and societies exist, but are not included as they are not readily available in libraries. Some of these were abstracted in the review journals noted above or were published by the Royal Irish Academy and are included. Examples of items not generally presented here would be:

Newsletters of the Society of Irish Plant Pathologists
Reports of meetings of the Irish Botanists
Research reports of An Foras Talúntais/Teagasc
Research reports from Universities

Unfortunately no sources of published lists from fungal forays in Ireland could be located. The British Mycological Society held three forays in Ireland. Records from these may be accessed through the BMS database at <www.britmycolsoc.org.uk>. The BMS forays were held in the following locations:

Tipperary, based at Roscrea, 8-17 Sept. 1989
The Burren and Clare Island, 29 May –5 June 1993
Lisnaskea, Co. Fermanagh, 13-20 Oct. 2000

Theses, which resulted in the award of Master or Doctorate degrees during the years 1976 to 2000, are included where titles of these could be accessed. Lists available were incomplete at certain universities.

BIBLIOGRAPHY

1. **Abosriwil, S.O. & Clancy, K.J. 1999.** Evaluation of the effects of two novel fungicides on *Trichoderma* spp. and *Agaricus bisporus*. *Tests of Agrochemicals and Cultivars* No.20 (*Annals of Applied Biology* **134** Supplement): 18-19.
2. **Abosriwil, S.O. & Clancy, K.J. 1999.** Sensitivity of *Agaricus bisporus* spawn to fungicides. *Tests of Agrochemicals and Cultivars* No.20 (*Annals of Applied Biology* **134** Supplement): 34-35.
3. **Abuhatab, M.A. & Whittaker, P.A. 1992.** Respiration deficiency in the pathogenic yeast, *Candida albicans*. *Biochemical Society Transactions* **20** (1): 63S.
4. **Adikaram, N.K.B., Brown, A.E. & Swinburne, T.R. 1982.** Phytoalexin involvement in the latent infection of *Capsicum annuum* L. fruit by *Glomerella cingulata* (Stonem.). *Physiological Plant Pathology* **21**: 161-170.
5. **Adikaram, N.K.B., Brown, A.E. & Swinburne, T.R. 1982.** Rotting of immature *Capsicum frutescens* L. fruit by iron-depleted *Glomerella cingulata* (Stonem.). *Physiological Plant Pathology* **21**: 171-177.
6. **Adikaram, N.K.B., Brown, A.E. & Swinburne, T.R. 1983.** Observations on infection of *Capsicum annuum* fruit by *Glomerella cingulata* and *Colletotrichum capsici*. *Transactions of the British Mycological Society* **80**: 395-401.
7. **Adikaram, N.K.B., Brown, A.E. & Swinburne, T.R. 1988.** Phytoalexin induction as a factor in the protection of *Capsicum annuum* L. fruits against infection by *Botrytis cinerea* Pers. *Journal of Phytopathology* **122**: 267-273.
8. **Aherne, T. & Ritchie, E. 1977.** Vaginitis: the method of diagnosis. *Irish Medical Journal* **70**: 510-512.
9. **Ahloowalia, B. 2000.** The potato — from famine to food security. *Farm and Food* **10** (3): 41-42.
10. **Alahakoon, P.W., Sreenivasaprasad, S., Brown, A.E. & Mills, P.R. 1992.** Selection of a genetic variant within *Colletotrichum gloeosporioides* isolates pathogenic on mango by passaging through wounded tomato fruits. *Physiological and Molecular Plant Pathology* **41**: 227-240.
11. **Alahakoon, P.W. & Brown, A.E. 1994.** Host range of *Colletotrichum gloeosporioides* on tropical fruit crops in Sri Lanka. *International Journal of Pest Management* **40**: 23-26.
12. **Alahakoon, P.W., Brown, A.E. & Sreenivasaprasad, S. 1994.** Cross-infection potential of genetic group of *Colletotrichum gloeosporioides* on tropical fruits. *Physiological and Molecular Plant Pathology* **44**: 93-103.
13. **Alahakoon, P.W., Brown, A.E. & Sreenivasaprasad, S. 1994.** Genetic characterization of *Colletotrichum gloeosporioides* isolates obtained from mango. *International Journal of Pest Management* **40**: 225-229.

14. **Allen, F.H.E., Coffey, M.D. & Heath, M.C. 1979.** Plasmolysis of rusted flax: a fine-structural study of the host-pathogen interface. *Canadian Journal of Botany* **57**: 1528-1533.
15. **Al-Nakib, T., Meegan, M.J., Looney, A.M. & Burke, M.L. 1992.** Synthesis and antifungal activity of some 2-aryl-3-hydroxymethylbenzo[b]thiophenes. *European Journal of Medicinal Chemistry* **27** (9): 971-976.
16. **Al-Rawi, N. & Kavanagh, K. 1999.** Characterisation of yeasts implicated in vulvovaginal candidosis in Irish women. *British Journal of Biomedical Science* **56** (2): 99-104.
17. **Anderson, R. 1987.** *Russula flava* (Rom.) Rom. ap. Lindbl. (Hymenomycetes) in Co. Londonderry. *Irish Naturalists' Journal* **22**: 364.
18. **Anderson, R. 1992.** Recent additions to the list of Irish *Russula* spp. (Basidiomycotina) from Northern Ireland. *Irish Naturalists' Journal* **24**: 29-32.
19. **Anderson, R. 1994.** *Geastrum pectinatum* Pers. (Gasteromycetes : Lycoperdales), an earth star new to Ireland. *Irish Naturalists' Journal* **24**: 357-360.
20. **Anon. 1977.** Outbreaks and new records, Ireland. *FAO Plant Protection Bulletin* **25** (2): 91.
21. **Anon. 1987.** Irish Republic Plant Protection Service. Outbreaks and new records. Ireland, Fire-blight. *FAO Plant Protection Bulletin* **35** (2): 66.
22. **Anon. 1988.** Outbreaks and new records. United Kingdom (Northern Ireland). Fireblight in the United Kingdom (Northern Ireland). *FAO Plant Protection Bulletin* **6** (1): 47.
23. **Anon. 1996.** European association for potato research, pathology section. Report of the pathology section meeting, Dublin, 10-16 September 1995. *Potato Research* **39**: 85-121.
24. **Balis, C. 1975.** A theoretical approach to competitive saprophytic colonization of substrates as function of inoculum density. *Annales de l'Institut Phytopathologique Benaki* **11** (2): 73-93.
25. **Bannon, E. 1978.** A method of detecting *Septoria nodorum* on symptomless leaves of wheat. *Irish Journal of Agricultural Research* **17**: 323-325.
26. **Bannon, E., Kavanagh, J.A. & Lahert, H. 1986.** Chemical seed treatments and control of powdery scab. In *Research report 1984-85 Faculty of General Agriculture, University College Dublin*, pp.163-165. University College. Dublin.
27. **Bannon, E. & Purvis, G. 1993.** Pests and diseases of agricultural crops. In J.A. Kavanagh & P. Brennan (eds), *Plant Health and 1992. Proceedings of a seminar held on 8-9 March 1990*, pp.17-30. Royal Irish Academy. Dublin.
28. **Bannon, F.J. & Cooke, B.M. 1998.** Studies on dispersal of *Septoria tritici* pycnidiospores in wheat-clover intercrops. *Plant Pathology* **47**: 49-56.
29. **Barr, J.G. & Downey, G.A. 1975.** A multiple inoculation technique for the screening of fungal isolates for the evaluation of growth and mycotoxin production on agar substrates. *Journal of the Science of Food and Agriculture* **26**: 1561-1566.

30. **Barr, J.G. 1976.** Mycotoxins: a potential danger associated with mouldy barley. *Agriculture in Northern Ireland* **51** (4): 103-106.
31. **Barrett, C. & Cassells, A.C. 1994.** An evaluation of antibiotics for the elimination of *Xanthomonas campestris* pv. *pelargonii* (Brown) from *Pelargonium* × *domesticum* cv. 'Grand Slam' explants *in vitro*. *Plant Cell, Tissue and Organ Culture* **36**: 169-175.
32. **Bell A.C. 1980.** The use of mineral oil to inhibit aphid transmission of potato vein necrosis virus: a laboratory and field experiment. *Record of Agricultural Research* **28**: 13-17.
33. **Bell, A.C. 1982.** The bulb and potato aphid *Rhopalosiphoninus latysiphon* (Davidson), as a vector of non-persistent potato viruses. *Record of Agricultural Research* **30**: 1-3.
34. **Bell, A.C. 1983.** The life-history of the leaf-curling plum aphid *Brachycaudus helichrysi* in Northern Ireland and its ability to transmit potato virus Y^{c(AB)}. *Annals of Applied Biology* **102**: 1-6.
35. **Bell, A.C. & Henry, B. 1986.** The effect of synthetic pyrethroids on potato vein necrosis (PVY^N) virus transmission by *Myzus persicae* (Sulzer). *Record of Agricultural Research* **34**: 53-56.
36. **Bell, A.C. 1986.** The incidence of barley yellow dwarf infection in grassland in Northern Ireland. *Record of Agricultural Research* **34**: 85-86.
37. **Bell, A.C. 1988.** The efficiency of the bulb and potato aphid *Rhopalosiphoninus latysiphon* (Davidson) as a vector of potato virus V. *Potato Research* **31**: 691-694.
38. **Bell, A.C. 1989.** Use of oil and pyrethroid sprays to inhibit the spread of potato virus Y_n in the field. *Crop Protection* **8**: 37-39.
39. **Bennett, D.E., McCreary, C.E. & Coleman, D.C. 1998.** Genetic characterization of a phospholipase C gene from *Candida albicans*: presence of homologous sequences in *Candida* species other than *Candida albicans*. *Microbiology* **144**: 55-72.
40. **Black, D.L.R. & Brown, A.E. 1986.** *Microdochium boleyi* associated with root rot of flax. *Plant Pathology* **35**: 592-594.
41. **Black, K.G., Osborne, B.A. & Mitchell, D.T. 1998.** Phosphate supply, arbuscular mycorrhizal infection and carbon metabolism in cucumber. [Abstract] *Biology and Environment: Proceedings of the Royal Irish Academy* **98B**: 38.
42. **Black, K.G., Mitchell, D.T. & Osborne, B.A. 2000.** Effect of mycorrhizal enhanced leaf phosphate status on carbon partitioning, translocation and photosynthesis in cucumber. *Plant, Cell and Environment* **23**: 797-809.
43. **Blakeman, J.P. 1991.** Foliar bacterial pathogens: epiphytic growth and interaction on leaves. In *Symposium Series – Society of Applied Bacteriology* **70**: 49S-59S.
44. **Blakeman, J.P. 1992.** Fungal interaction on plant surfaces. In G.C. Carroll and D.T. Wicklow (eds), *The fungal community: its organization and role in the ecosystem*, pp. 853-867. Marcel Dekker, Inc. New York.
45. **Blakeman, J.P. 1993.** Pathogens in the foliar environment. *Plant Pathology* **42**: 479-493.
46. **Bourke, A. 1993.** 'The visitation of God?' *The potato and the great Irish famine*. Lilliput Press Ltd. Dublin.

47. **Boyle, P.J. 1976.** A first record of the fungus *Claviceps purpurea* on *Spartina* in Ireland. *Irish Naturalists' Journal* **18**: 325-326.
48. **Boyle, P.J. 1976.** Ergot epiphytotic on *Spartina* spp. in Ireland. *Irish Journal of Agricultural Research* **15**: 419-424.
49. **Brady, K., Fuller, H., Forristal, D., Lenehan, J.J. & O'Kiely, P. 1998.** Mushroom growths on big-bale silage in Ireland. *Irish Journal of Agricultural and Food Research* **37**: 114-115.
50. **Brady, K., Fuller, H., Forristal, D., Lenehan, J.J. & O'Kiely, P. 1998.** *Schizophyllum* on big-bale silage in Ireland. [Abstract] *Biology and Environment: Proceedings of the Royal Irish Academy* **98B**: 39.
51. **Brady, K.C., Fuller, H., Forristal, D., Lenehan, J.J. & O'Kiely, P. 1999.** Inoculation of big-bale silage with *Schizophyllum commune*: influence of bale damage and sward type on establishment. [Abstract] *Irish Journal of Agricultural and Food Research* **38**: 273.
52. **Brady, K.C., Fuller, H., O'Kiely, P., Lenehan, J.J. & Forristal, P.D. 2000.** Inoculation of big-bale silage with *Schizophyllum commune*: influence of herbage dry matter, wrap damage and type of inoculum. [Abstract] *Irish Journal of Agricultural and Food Research* **39**: 464.
53. **Brady, K.C., Fuller, H. & O'Kiely, P. 2000.** Growth and survival of *Schizophyllum commune* mycelium in big-bale silage. [Abstract] *Irish Journal of Agricultural and Food Research* **39**: 467.
54. **Brady, K.C., Fuller, H., O'Kiely, P. & Forristal, P.D. 2000.** Growth of *Schizophyllum commune* in various oxygen and carbon dioxide atmospheres. [Abstract] *Irish Journal of Agricultural and Food Research* **39**: 467.
55. **Branagan, P., Collins, E. & Clancy, L. 1980.** Aspergillosis in a chest hospital. [Abstract] *Irish Journal of Medical Science* **149**: 483-484.
56. **Bratt, R.P., Brown, A.E. & Mercer, P.C. 1988.** A role for hydrogen peroxide in degradation of flax fibre by *Botrytis cinerea*. *Transactions of the British Mycological Society* **91**: 481-488.
57. **Bratt, R.P., Mercer, P.C. & Brown, A.E. 1988.** Degradation of flax stems by *Botrytis cinerea*. *Transactions of the British Mycological Society* **90**: 537-544.
58. **Brereton, T.F.S. 1987.** Truffles in Co. Tipperary. *Irish Naturalists' Journal* **22**: 366.
59. **Brown, A.E. & Swinburne, T.R. 1978.** Stimulants of germination and appressorial formation by *Diaporthe pernicioso* in apple leachate. *Transactions of the British Mycological Society* **71**: 405-411.
60. **Brown, A.E. & Musq, M.J. 1980.** The beneficial effect of rotting of strawberry fruit by *Botrytis cinerea* on subsequent germination of seed. *Seed Science and Technology* **8**: 269-275.
61. **Brown, A.E. & Swinburne, T.R. 1980.** The resistance of immature banana fruits to anthracnose (*Colletotrichum musae* (Berk. & Curt.) Arx.) *Phytopathologische Zeitschrift* **99**: 70-80.

62. **Brown, A.E. & Swinburne, T.R. 1981.** Influence of iron and iron chelators on formation of progressive lesions by *Colletotrichum musae* on banana fruits. *Transactions of the British Mycological Society* **77**: 119-124.
63. **Brown, A.E., Flack, N.J. & Swinburne, T.R. 1981.** Factors influencing sporangial formation by *Phytophthora cinnamomi* Rands. *Record of Agricultural Research* **29**: 85-89.
64. **Brown, A.E. & Swinburne, T.R. 1982.** Iron-chelating agents and lesion development by *Botrytis cinerea* on leaves of *Vicia faba*. *Physiological Plant Pathology* **21**: 13-21.
65. **Brown, A.E. & Adikaram, N.K.B. 1982.** The differential inhibition of pectic enzymes from *Glomerella cingulata* and *Botrytis cinerea* by a cell wall protein from *Capsicum annuum* fruit. *Phytopathologische Zeitschrift* **105**: 27-38.
66. **Brown, A.E. & Adikaram, N.K.B. 1983.** A role for pectinase and protease inhibitors in fungal rot development in tomato fruits. *Phytopathologische Zeitschrift* **106**: 239-251.
67. **Brown, A.E. 1984.** Relationship of endopolygalacturonase inhibitor to the rate of fungal rot development in apple fruits. *Phytopathologische Zeitschrift* **111**: 122-132.
68. **Brown, A.E. & Sharma, H.S.S. 1985.** A possible role for ferrous complexes in fungal disease suppression: glume blotch and net blotch in cereals. *Phytopathologische Zeitschrift* **113**: 178-188.
69. **Brown, A.E. 1987.** Activity of glucanases of *Zygorrhynchus moelleri* in relation to antagonism against some soilborne plant pathogenic fungi. *Journal of Phytopathology* **120**: 298-309.
70. **Brown, A.E. 1988.** Suppression by *Zygorrhynchus moelleri* of growth and sclerotium production by *Rhizoctonia solani* and *Sclerotinia sclerotiorum*. *Journal of Phytopathology* **123**: 222-226.
71. **Brown, A.E. 1990.** Pathogen suppression and enhancement of plant growth by *Zygorrhynchus moelleri*. In A.R. McCracken & P.C. Mercer (eds), *Proceedings of meeting on biological control of pests and diseases 20-21 September 1990, Agriculture and Food Centre, Belfast*, pp.27-30. Department of Agriculture for Northern Ireland. Belfast.
72. **Brown, A.E. & Surgeoner, R. 1991.** Enhancement of plant growth by *Zygorrhynchus moelleri*. *Annals of Applied Biology* **118**: 39-46.
73. **Brown, A.E. & Davis, R.D. 1992.** Chitinase activity in *Stylosanthes guianensis* systemically protected against *Colletotrichum gloeosporioides*. *Journal of Phytopathology* **136**: 247-256.
74. **Brown, A.E. & Hamilton, J.T.G. 1992.** Indole-3-ethanol produced by *Zygorrhynchus moelleri*, and indole-3-acetic acid analogue with antifungal activity. *Mycological Research* **96**: 71-74.
75. **Brown, A.E., Muthumeenakshi, S., Sreenivasaprasad, S., Mills, P.R. & Swinburne, T.R. 1993.** A PCR primer specific to *Cylindrocarpon heteronema* for detection of the pathogen in apple wood. *FEMS Microbiology Letters* **108**: 117-120.
76. **Brown, A.E. & Soepena, H. 1994.** Pathogenicity of *Colletotrichum acutatum* and *C. gloeosporioides* on leaves of *Hevea* spp. *Mycological Research* **98**: 264-266.

77. **Brown, A.E., Muthumeenakshi, S., Swinburne, T.R. & Li, R. 1994.** Detection of the source of infection of apple trees by *Cylindrocarpon heteronema* using DNA polymorphisms. *Plant Pathology* **43**: 338-343.
78. **Brown, A.E., Sreenivasaprasad, S. & Timmer, L.W. 1996.** Molecular characterization of slow-growing orange and key lime anthracnose strains of *Colletotrichum* from citrus as *C. acutatum*. *Phytopathology* **86**: 523-527.
79. **Burgess, P.J., Blakekman, J.P. & Pérebelon, M.C.M. 1994.** Contamination and subsequent multiplication of soft rot erwinias on healthy potato leaves and debris after haulm destruction. *Plant Pathology* **43**: 286-299.
80. **Burke, A.M., Fitzsimons, R.B. & Kearney, P.J. 1985.** Congenital cutaneous candidiasis and septicaemia treated with miconazole. *Irish Medical Journal* **78**: 219-220.
81. **Burns, D.T., Stretton, R.J. & Jayatilake, S.D.A.K. 1976.** Pyrolysis gas chromatography as an aid to the identification of *Penicillium* species. *Journal of Chromatography* **116**: 107-115.
82. **Byrne, K., Mitchell, D.T. & Osborne, B.A. 1998.** Effects of compatible and incompatible mycorrhizal associations on the growth, nutrition and photosynthesis of cranberry. [Abstract] *Biology and Environment: Proceedings of the Royal Irish Academy* **98B**: 41.
83. **Calvert, E.L. & McKee, R.K. 1977.** Potato blight in Northern Ireland (1966 – 1975). *Record of Agricultural Research* **25**: 9-15.
84. **Calvert, E.L., Cooper, P. & McClure, J. 1980.** An aphid transmitted strain of PVY^C recorded in potatoes in Northern Ireland. *Record of Agricultural Research* **28**: 63-74.
85. **Canning, A.M., Hook, J., Sheridan, H., James, J.P. & Kelly D.R. 1992.** Bisradiconin: a novel dimer elicited in cultivars of *Alternaria chrysanthemi*. *Journal of Natural Products* **55**: 487-490.
86. **Caplin, C. & Reen, D.J. 1986.** Analysis of *Candida albicans* antigens by sodium dodecyl sulphate/polyacrylamide-gel electrophoresis and immunoblotting. *Biochemical Society Transactions* **14** (2): 435-436.
87. **Carr, M.E., O'Brien, A.A.J., Moore, D. & Keogh, J.A.B. 1987.** *Trichosporon cutaneum* C.A.P.D. peritonitis. [Correspondence] *Postgraduate Medical Journal* **63**: 1008.
88. **Carroll, H., Moëgne-Loccoz, Y., Dowling, D.N. & O'Gara, F. 1995.** Mutational disruption of the biosynthesis genes coding for the antifungal metabolite 2,4-diacetylphloroglucinol does not influence the ecological fitness of *Pseudomonas fluorescens* F113 in the rhizosphere of sugarbeets. *Applied and Environmental Microbiology* **61**: 3002-3007.
89. **Cassells, A.C. & Long, R.D. 1980.** The regeneration of virus-free plants from cucumber mosaic virus- and potato virus Y-infected tobacco explants cultured in the presence of virazole. *Zeitschrift für Naturforschung C* **35** (3/4): 350-351.
90. **Cassells, A.C. & Long, R.D. 1982.** The elimination of potato viruses X, Y, S and M in meristem and explant cultures of potato in the presence of virazole. *Potato Research* **25**: 165-173.

91. **Cassells, A.C., Long, R.D. & Austin, S. 1983.** The effects of virazole in tobacco petiole cultures, leaf discs and isolated protoplasts in relation to its antiviral activity against potato virus Y, tobacco mosaic virus and cucumber mosaic virus. In A.C. Cassells & J.A. Kavanagh (eds), *Plant tissue culture in relation to biotechnology. Proceedings of a seminar on 22-23 February 1982*, pp.72-83. Royal Irish Academy. Dublin.
92. **Cassells, A.C. (ed.) 1988.** A symposium on bacterial and bacteria-like contaminants of plant tissue cultures. *Acta Horticulturae* No. 225: 1-225
93. **Cassells, A.C., Deadman, M.L., Brown, C.A. & Griffin, E. 1991.** Field resistance to late blight (*Phytophthora infestans* (Mont.) de Bary) in potato (*Solanum tuberosum* L.) somaclones associated with instability and pleiotropic effects. *Euphytica* **56** (1): 75-80.
94. **Cassells, A.C. 1992.** Screening for pathogens and contaminating micro-organisms in micropropagation. In J.M. Duncan & L.Torrance (eds), *Techniques for the rapid detection of plant pathogens*, pp.179-192. Blackwell Scientific Publications. Oxford.
95. **Cassells, A.C. & Walsh, M. 1995.** Screening for *Sclerotinia* resistance in *Helianthus tuberosum* L. (Jerusalem artichoke) varieties, lines and somaclones, in the field and *in vitro*. *Plant Pathology* **44**: 428-437.
96. **Cassells, A.C. & Tahmatsidou, V. 1996.** The influence of local plant growth conditions on non-fastidious bacterial contamination of meristem-tips of *Hydrangea* cultured *in vitro*. *Plant Cell, Tissue and Organ Culture* **47**: 15-26.
97. **Cassells, A.C. (ed.) 1997.** *Pathogen and microbial contamination management in micropropagation*. Kluwer Academic Publishers. Dordrecht, Netherlands.
98. **Chand, T. & Logan, C. 1982.** Fungicidal control of stem canker and black scurf of potato. *Tests of Agrochemicals and Cultivars*, No.3 (*Annals of Applied Biology* **100** Supplement): 52-53.
99. **Chand, T. & Logan, C. 1982.** Reaction of ten potato cultivars to stem canker and black scurf of potato caused by *Rhizoctonia solani*. *Tests of Agrochemicals and Cultivars* No.3 (*Annals of Applied Biology* **100** Supplement): 102-103.
100. **Chand, T. & Logan, C. 1983.** Cultural and pathogenic variation in potato isolates of *Rhizoctonia solani* in Northern Ireland. *Transactions of the British Mycological Society* **81**: 585-589.
101. **Chand, T. & Logan, C. 1984.** Antagonists and parasites of *Rhizoctonia solani* and their efficacy in reducing stem canker of potato under controlled conditions. *Transactions of the British Mycological Society* **83**: 107-112.
102. **Chand, T. & Logan, C. 1984.** Post-harvest development of *Rhizoctonia solani* and its penetration of potato tubers in Northern Ireland. *Transactions of the British Mycological Society* **82**: 615-619.
103. **Chand, T. & Logan, C. 1986.** Development of *Rhizoctonia solani* on potato tubers. *Annals of Biology* **2**: 32-37.
104. **Christie, P. & Kilpatrick, D.J. 1992.** Vesicular-arbuscular mycorrhiza infection in cut grassland following long-term slurry application. *Soil Biology and Biochemistry* **24**: 325-330.
105. **Clancy, F.G. & Coffey, M. D. 1980.** Polyol dehydrogenases in the rust fungus, *Melampsora lini* (Ehreb.) Lév. *Journal of General Microbiology* **120**: 85-88.

106. **Clancy, F.G. & Coffey, M.D. 1980.** Patterns of translocation, changes in invertase activity and polyol formation in susceptible and resistant flax infected with the rust fungus *Melampsora lini*. *Physiological Plant Pathology* **17**: 41-52.
107. **Clancy, K.J. & Kavanagh, J.A. 1980.** Investigations on a seedling disease of *Chamaecyparis lawsoniana* and the causal fungus *Phytophthora eriugena*. *Research report 1978-79 Faculty of General Agriculture, University College Dublin*, pp.36-37. University College. Dublin.
108. **Clancy, K.J. 1986.** New or unusual diseases recorded in 1984/85. In *Research report 1984-85 Faculty of General Agriculture, University College Dublin*, pp.165-166. University College. Dublin.
109. **Clancy, K.J. & Lacy, B. 1986.** Studies on the *Armillaria mellea* complex in Ireland. In *Research report 1984-85 Faculty of General Agriculture, University College Dublin*, pp.166-167. University College. Dublin.
110. **Clancy, K.J. & Abosriwil, S.O. 1999.** Sensitivity of *Agaricus bisporus* to fungicides *in vitro*. *Tests of Agrochemicals and Cultivars No.20 (Annals of Applied Biology* **134** Supplement): 32-33.
111. **Clancy, M.T., Gad-al-Rab, J. & Keane, C.T. 1976.** Venous catheter associated with *Candida albicans* septicaemia. *Irish Journal of Medical Science* **145**: 348-349.
112. **Clements, L.O. & Weavers, E.D. 1980.** *Dermatophilus congolensis* infection in lambs. *Irish Veterinary Journal* **34**: 65-67.
113. **Codd, J.E. & Deasy, P.B. 1998.** Synergistic antifungal interaction between miconazole nitrate and chlorhexidine acetate. *International Journal of Pharmaceutics* **173** (1-2): 3-11.
114. **Codd, J.E. & Deasy, P.B. 1998.** Formulation development and *in vivo* evaluation of a novel bioadhesive lozenge containing a synergistic combination of antifungal agents. *International Journal of Pharmaceutics* **173** (1-2): 13-24.
115. **Coffey, M.D. 1976.** Flax rust resistance involving the K gene: an ultrastructure survey. *Canadian Journal of Botany* **54**: 1443-1457.
116. **Coleman, D.C., Bennett, D.E., Sullivan, D.J., Gallagher, P.J., Henman, M.C., Shanley, D.B. & Russell, R.J. 1993.** Oral *Candida* in HIV infection and AIDS: new perspectives/new approaches. *Critical Reviews in Microbiology* **19**: 61-82.
117. **Coleman, D.C., Sullivan, D.J. & Mossman, J.M. 1997.** *Candida dubliniensis*. [Correspondence] *Journal of Clinical Microbiology* **35** (11): 3011-3012.
118. **Coleman, D.C., Sullivan, D.J., Bennett, D.E., Moran, G.P., Barry, H.J. & Shanley, D.B. 1997.** Candidiasis: the emergence of a novel species, *Candida dubliniensis*. *AIDS* **11** (5): 557-567.
119. **Condon, P.I., Terry, S.I. & Falconer, H. 1977.** Cryptococcal eye disease. *Documenta Ophthalmologica* **44** (1): 49-56.
120. **Conneally, E., Cafferkey, M.T., Daly, P.A., Keane, C.T. & McCann, S.R. 1990.** Nebulized amphotericin B as prophylaxis against invasive aspergillosis in granulocytopenic patients. *Bone Marrow Transplantation* **5** (6): 403-406.

121. **Connolly, K. & Fuller, H. 1998.** Two new species of *Sporormiella* (Ascomycotina: Pyrenomycetes). [Abstract] *Biology and Environment: Proceedings of the Royal Irish Academy*, **98B**: 42.
122. **Cooke, L.R. 1981.** Resistance to metalaxyl in *Phytophthora infestans* in Northern Ireland. In *Proceedings of the British Crop Protection Conference, Brighton, 16-19 November 1981. Pesticide resistance in pests and diseases*, **2**: 641-649. British Crop Protection Council. London.
123. **Cooke, L.R. & Logan, C. 1984.** Further experiments with foliar fungicide sprays for the control of potato gangrene. *Record of Agricultural Research* **32**: 43-46.
124. **Cooke, L.R. 1986.** Acylalanine resistance in *Phytophthora infestans* in Northern Ireland. In *British Crop Protection Conference. Pests and Diseases –1986*. **2**: 507-514. British Crop Protection Council. Thornton Heath.
125. **Cooke, L.R. & McCracken, A.R. 1988.** Control of apple canker using fungicidal paints and gels. *Annals of Applied Biology* **113**: 279-285.
126. **Cooke, L.R. 1992.** The future of potato blight control: a more aggressive pathogen and fewer weapons? In A.R. McCracken & P.C. Mercer (eds), *Disease management in relation to changing agricultural practice: Belfast 7-9 April 1992*, pp.65-73. Queen's University. Belfast.
127. **Cooke, L. & Little, G. 1992.** Persistence of fungicidal protection of potato leaves against blight after treatment with two- and three-way fungicide mixtures. *Tests of Agrochemicals and Cultivars* No.13 (*Annals of Applied Biology* **120** Supplement): 24-25.
128. **Cooke, L.R. 1992.** Potato blight control in Ireland: a challenging problem. *Pesticide Outlook* **3** (4): 28-31.
129. **Cooke, L.R. & Penney, R.E. 1992.** Phenylamide resistance in *Phytophthora infestans* in Northern Ireland – a changing situation. In *Brighton Crop Protection Conference, Pests and Diseases – 1992*, **1**: 201-206. British Crop Protection Council. Farnham.
130. **Cooke, L.R., Watters, B.S. & Brown, A.E. 1993.** The effect of fungicide sprays on the incidence of apple canker (*Nectria galligena*) in Bramley's Seedling. *Plant Pathology* **42**: 432-442.
131. **Cooke, L.R. & Watters, B.S. 1994.** The effect of fungicide sprays on the incidence of apple canker (*Nectria galligena*) in cv. Bramley's Seedling. In *Brighton Crop Protection Conference, Pests and Diseases – 1994*, **2**: 779-784. British Crop Protection Council. Farnham.
132. **Cooke, L.R., Swan, R.E. & Currie, T.S. 1995.** Incidence of the A2 mating type of *Phytophthora infestans* on potato crops in Northern Ireland. *Potato Research* **38**: 23-29.
133. **Cooke, L.R., Dowley, L.J., Little, G. & O'Sullivan, E. 1995.** Efficacy of fungicide programmes for the control of late blight in Ireland. . In L.J. Dowley, E. Bannon, L.R. Cooke, T. Keane & E. O'Sullivan (eds), *Phytophthora infestans 150. Proceedings of pathology section meeting of the European association for potato research, Trinity College Dublin, 10-16 September 1995*, pp.177-184. Oak Park Research Centre. Teagasc. Carlow.

134. **Cooke, L.R. & Little, G. 1996.** Foliar application of phosphonate formulations for the control of potato tuber blight. In *Proceedings of the International Brighton Crop Protection Conference, 18-21 November 1996. Pests and Diseases* **1**: 263-268. British Crop Protection Council. Farnham.
135. **Cooke, L.R. & Deahl, K.L. 1998.** Potato blight — global changes and new problems. *Pesticide Outlook* **9** (6): 22-28.
136. **Cooke, L.R., Little, G. & Wilson, D.G. 1998.** Sensitivity of *Phytophthora infestans* to fluazinam and its use in potato blight control in Northern Ireland. In *Brighton Crop Protection Conference, Pests and Diseases, 16-19 November 1998*, pp.517-522. British Crop Protection Council. Farnham.
137. **Cooke, L.R. 1999.** The influence of fungicide sprays on infection of apple cv. Bramley's Seedling by *Nectria galligena*. *European Journal of Plant Pathology* **105**: 783-790.
138. **Cooke, R.M. & Fitzgerald, W. 1982.** Use of detached leaves for screening barley cultivars to *Septoria nodorum*. *Tests of Agrochemicals and Cultivars* No.3 (*Annals of Applied Biology* **100** Supplement): 98-99.
139. **Cooper, P. 1977.** Grass viruses in Northern Ireland. *Annales de Phytopathologie* **9** (3): 261-266.
140. **Cooper, P. & McDowell, J.B. 1978.** Ryegrass mosaic virus in Northern Ireland. *Record of Agricultural Research* **26**: 1-6.
141. **Cooper, P. 1981.** Strawberry latent ringspot virus in parsnips. *Plant Pathology* **30**: 59-60.
142. **Copeland, R.B. & Logan, C. 1976.** The effect of interval from haulm destruction to harvest on the gangrene potential of tubers in storage. *Potato Research* **19**: 203-213.
143. **Copeland, R.B. & Logan, C. 1977.** Observations on potato disease incidence following soil application of a granular fungicide-bactericide at planting. *Plant Pathology* **26**: 175-179.
144. **Copeland, R.B. & Logan, C. 1980.** Curing tuber damage at the time of grading. *Annals of Applied Biology* **96**: 374-377.
145. **Copeland, R.B., Logan, C. & Little, G. 1980.** Fungicidal control of potato black scurf. *Tests of Agrochemicals and Cultivars* (*Annals of Applied Biology* **94** Supplement): 36-37.
146. **Copeland, R.B., Logan, C. & Little, G. 1980.** Studies on the effect of chemical treatments on potato disease control in progeny tubers. *Record of Agricultural Research* **28**: 49-54.
147. **Copeland, R.B. 1982.** The influence of potato harvesting and grading machinery on contact spread of *Phoma exigua* var. *foveata* on tubers. *Annals of Applied Biology* **101**: 465-472.
148. **Copeland, R., Dowley, L. & Moore, J. 1993.** The vulnerability of the Irish potato industry to harmful organisms. In J.A. Kavanagh & P. Brennan (eds), *Plant Health and 1992. Proceedings of a seminar held on 8-9 March 1990*, pp.95-100. Royal Irish Academy. Dublin.

149. **Cotter, G., Verhaegen, S., Clynes, M. & Kavanagh, K. 1997.** Membrane changes associated with the early stages of apoptosis in HEp-2 cells decrease susceptibility to adherence by *Candida albicans*. *Journal of Medical and Veterinary Mycology* **35** (3): 219-224.
150. **Cotter, G., Weedle, R. & Kavanagh, K. 1998.** Monoclonal antibodies directed against extracellular matrix proteins reduce the adherence of *Candida albicans* to HEp-2 cells. *Mycopathologia* **141** (3): 137-142.
151. **Cotter, G. & Kavanagh, K. 2000.** Adherence mechanism of *Candida albicans*. *British Journal of Biomedical Science* **57** (3): 241-249.
152. **Cotter, G., Doyle, S. & Kavanagh, K. 2000.** Development of an insect model for the *in vivo* pathogenicity testing of yeasts. *FEMS Immunology and Medical Microbiology* **27** (2): 163-169.
153. **Coyle, P.M. & Cooke, B.M. 1993.** Scanning electron micrographs of barley leaves infected with *Drechslera teres*. *Mycologist* **7**: 109-111.
154. **Cremin, P., Donnelly, D.M.X., Wolfender, J.L. & Hostettmann, K. 1995.** Liquid chromatographic-thermospray mass spectrometric analysis of sesquiterpenes of *Armillaria* (*Eumycota: Basidiomycotina*) species. *Journal of Chromatography* **710** (2): 273-285.
155. **Crockard, M.A., Fulton, C.E., Bjourson, A.J. & Brown, A.E. 1998.** Intron polymorphism in small subunit rDNA in *Nectria galligena*. *Microbiology* **144**: 2367-2372.
156. **Crockard, M.A., Bjourson, A.J. & Cooper, J.E. 1999.** A new peroxidase cDNA from white clover: its characterization and expression in root tissue challenged with homologous rhizobia, heterologous rhizobia, or *Pseudomonas syringae*. *Molecular Plant-Microbe Interactions* **12** (9): 825-828.
157. **Croke, F. & Logan, C. 1982.** The effect of humidity on potato gangrene development in naturally contaminated tubers. *Plant Pathology* **31**: 61-64.
158. **Cronin, D., Moëgne-Loccoz, Y., Fenton, A., Dunne, C., Dowley, D.N. & O'Gara, F. 1997.** Ecological interaction of a biocontrol *Pseudomonas fluorescens* strain producing 2,4-diacetylphloroglucinol with the soft rot potato pathogen *Erwinia carotovora* subsp. *Atroseptica*. *FEMS Microbiology Ecology* **23** (2): 95-106.
159. **Crumlish, B. & Curran, P. 1994.** *Amylocarpus encephaloides* Currey, a marine fungus new to Ireland. *Mycologist* **8**: 83-84.
160. **Cunningham, P.C. & Dunne, B. 1976.** Systemic fungicides reduce disease and increase yield of spring cereals. *Farm and Food Research* **7** (1): 4-6.
161. **Cunningham, P.C. 1977.** Perspectives of biological control of some soil-borne cereal pathogens from studies of 'take-all decline'. In J.J. Duggan (ed.), *Proceedings of seminar on biological control*, pp.170-205. Royal Irish Academy. Dublin.
162. **Cunningham, P.C. 1978.** Cereal diseases — causes and cures. *Farm and Food Research* **9** (2): 45-48.
163. **Cunningham, P.C. 1980.** Differential host preference in *Pseudocercospora herpotrichoides* with spring-sown wheat and barley monoculture. *Annals of Applied Biology* **94**: 33-39.

164. **Cunningham, P.C. 1980.** Studies of host specificity of indigenous isolates of *Pseudocercospora herpotrichoides*. *Annals of Applied Biology* **94**: 301.
165. **Cunningham, P.C. 1981.** Isolation and culture. In M.J.C. Asher & P.J. Shipton (eds), *Biology and control of take-all*, pp.103-123. Academic Press. London.
166. **Cunningham, P.C. 1981.** Occurrence, role and pathogenic traits of a distinct pathotype of *Pseudocercospora herpotrichoides*. *Transactions of the British Mycological Society* **76**: 3-15.
167. **Cunningham, P.C. 1983.** Effects of different spring cereal sequences on soil-borne pathogens and grain yields. *Irish Journal of Agricultural Research* **22**: 225-243.
168. **Cunningham, P.C. 1985.** Characteristics of trends in disease caused by soil-borne pathogens with spring barley monoculture. In C.A. Parker, A. Rovira, J.K. Moore, P.T.W. Wong & J.F. Kollmorgen (eds), *Ecology and management of soil-borne plant pathogens*, pp.9-13. The American Pathological Society. St. Paul, Minnesota.
169. **Cunningham, P.C. 1989.** Control of sharp eyespot of winter wheat with flutolanil and other spray fungicides. *Tests of Agrochemicals and Cultivars* No. 10 (*Annals of Applied Biology* **114** Supplement): 64-65.
170. **Cunningham P.C. 1990.** A serious attack of *Spermospora avenae* on oats — a disease new to western Europe. *Plant Pathology* **39**: 191-196.
171. **Cunningham, P.C. & Dunne, B. 1991.** A note on grain yield and quality responses to seed treatment and foliar spray fungicides in winter barley. *Irish Journal of Agricultural Research* **30**: 61-65.
172. **Cunningham, P.C. 1993.** Cereal disease trends and changing chemical and non-chemical control measures. In R. Bishop, T. M. Cogan & U. McEvelly (eds), *Proceedings of a seminar on trends in the use and production of antimicrobials*, pp.77-79. Royal Irish Academy. Dublin.
173. **Cunningham, P.C. 1993.** *Spermospora avenae* on Oats – an endemic pathogen in Ireland. *Irish Journal of Agricultural and Food Research* **32**: 115-116.
174. **Cunningham, P.C. 1994.** Implications of delayed application of different fungicides on winter wheat *Septoria* and yield response. *Irish Journal of Agricultural and Food Research* **33**: 101.
175. **Curragh, H.J., Mooibroek, H., Wessels, J.G.H., Marchant, R. & Mullan, E. 1993.** Protoplast formation and DNA-mediated transformation of *Fusarium culmorum* to hygromycin B resistance. *Mycological Research* **97**: 313-317.
176. **Curran, P.M.T. & Hegarty, B. 1979.** The effect of temperature and culture medium on the growth and reproduction of *Chaetomium globosum*. *International Biodeterioration Bulletin* **15** (3): 78-82.
177. **Curran, P.M.T. 1980.** *Ulocladium botrytis* (Preuss), a fungus new to Ireland. *Irish Naturalists' Journal* **20**: 45.
178. **Curtis, T.G.F. & Scannell, M.J.P. 1987.** *Hyalospora polypodii* (Diet.) Magn. — a rust fungus new to Ireland. *Irish Naturalists' Journal* **22**: 206.
179. **D'Arcy, P.F. & Scott, E.M. 1978.** Antifungal agents. *Progress in Drug Research* **22**: 93-147.

180. **Daly, B.D., Doherty, A. & McCann, S.R. 1983.** Successful treatment of invasive pulmonary aspergillosis in a patient with acute leukaemia. *Irish Journal of Medical Science* **152**: 103-105.
181. **Daly, P., Verhaegen, S., Clynes, M. & Kavanagh, K. 1999.** Culture filtrates of *Aspergillus fumigatus* induce different modes of cell death in human cancer cell lines. *Mycopathologia* **146** (2): 67-74.
182. **Daly, S.J., Keating, G.J., Dillon, P.P., Manning, B.M., O'Kennedy, R., Lee, H.A. & Morgan, M.R.A. 2000.** Development of surface plasmon resonance-based immunoassay for aflatoxin B₁. *Journal of Agricultural and Food Chemistry* **48**: 5097-5104.
183. **Damani, N.N. & Webb, C.H. 1988.** *Torulopsis glabrata* fungaemia. *Ulster Medical Journal* **57**: 220-223.
184. **Damoglou, A.P., Shannon, W. & Downey, G.A. 1984.** The interaction between *Fusaria* and their mycotoxins in grass silage. *Journal of the Science of Food and Agriculture* **35**: 279-284.
185. **Damoglou, A.P., Downey, G.A. & Shannon, W. 1984.** The production of ochratoxin A and citrinin in barley. *Journal of the Science of Food and Agriculture* **35**: 395-400.
186. **Dardis, J. & Walsh, E.J. 2000.** Studies on the effectiveness of metconazole in controlling *Fusarium* head blight caused by *Fusarium culmorum* in spring wheat (*Triticum aestivum* L.). *Cereal Research Communications* **28** (4): 443-448.
187. **Darwazeh, A.M.G., Lamey, P.J., MacFarlane, T.W. & McCuish, A.C. 1994.** The effect of exposure to chlorhexidine gluconate *in vitro* and *in vivo* adhesion of *Candida albicans* to buccal epithelial cells from diabetic and non-diabetic subjects. *Journal of Oral Pathology and Medicine* **23** (3): 130-132.
188. **Dawson, W.M. & McCracken, A.R. 1994.** Effect of *Melampsora* rust on the growth and development of *Salix burjatica* 'Korso' in Northern Ireland. *European Journal of Forest Pathology* **24**: 32-39.
189. **Deacon, J.W. 1990.** Biocontrol of soil-borne plant pathogens: building the ecological base. In *Proceedings of meeting on biological control of pests and diseases 20-21 September 1990, Agriculture and Food Centre, Belfast*, pp.4-18. Department of Agriculture for Northern Ireland. Belfast.
190. **Deadman, M.L. & Cooke, B.M. 1985.** A method of spore production for *Drechslera teres* using detached barley leaves. *Transactions of the British Mycological Society* **85**: 489-493.
191. **Deadman, M.L. & Cooke, B.M. 1986.** A comparison of detached leaf, greenhouse and field experiments for screening barley cultivars to *Drechslera teres*. *Irish Journal of Agricultural Research* **25**: 63-70.
192. **Deadman, M.L. & Cooke, B.M. 1986.** Bioassay of fungal toxin activity in *Drechslera teres*. In *Research report 1984-85 Faculty of General Agriculture, University College Dublin*, pp.180-181. University College. Dublin.
193. **Deadman, M.L. & Cooke, B.M. 1986.** Effect of net blotch on growth of spring barley. In *Research report 1984-85 Faculty of General Agriculture, University College Dublin*, pp.181-184. University College. Dublin.

194. **Deadman, M.L. & Cooke, B.M. 1986.** Epidemiological studies with *Drechslera teres*. In *Research report 1984-85 Faculty of General Agriculture, University College Dublin*, pp.178-180. University College. Dublin.
195. **Deadman, M.L. & Cooke, B.M. 1987.** Effects of net blotch on growth and yield of spring barley. *Annals of Applied Biology* **110**: 33-42.
196. **Deadman, M.L. & Cooke, B.M. 1988.** The effect of *Drechslera teres* seed infection on spring barley seedling growth. *Annals of Applied Biology* **112**: 385-388.
197. **Deadman, M.L. & Cooke, B.M. 1989.** An analysis of rain-mediated dispersal of *Drechslera teres* conidia in field plots of spring barley. *Annals of Applied Biology* **115**: 209-214.
198. **Deadman, M.L. & Cooke, B.M. 1991.** The effect of mist particles on the dispersal of *Drechslera teres* conidia. *Mycological Research* **95**: 889-890.
199. **Deadman, V.J. & Kavanagh, J.A. 1984.** Comparative studies on *Cladosporium allii-cepae* and *Heterosporium allii*, the causes of leaf spot diseases of *Allium* species. In *Research report 1982-83, Faculty of General Agriculture, University College Dublin*, pp.72-73. University College. Dublin.
200. **Delany, L., Sheehan, M.M., Fenton, A., Bardin, S., Aarons, S. & O’Gara, F. 2000.** Regulation of production of the antifungal metabolite 2,4-diacetylphloroglucinol in *Pseudomonas fluorescens* F113: genetic analysis of pHIF as a transcriptional repressor. *Microbiology* **146**: 537-546.
201. **Dhitaphichit, P., Jones, P. & Keane, E.M. 1989.** Nuclear and cytoplasmic gene control of resistance to loose smut (*Ustilago tritici* (Pers.) Rostr.) in wheat (*Triticum aestivum* L.). *Theoretical and Applied Genetics* **78**: 897-903.
202. **Dhitaphichit, P. & Jones, P. 1991.** Virulent and fungicide-tolerant races of loose smut (*Ustilago nuda* and *U. tritici*) in Ireland. *Plant Pathology* **40**: 508-514.
203. **Diamond, H., Cooke, B.M. & Dunne, B. 1995.** Information note: *Microdochium* leaf blotch of oats – a new foliar disease caused by *Microdochium nivale* var. *nivale* in Ireland. *Plant Varieties and Seeds* **8**: 171-174.
204. **Diamond, H., Cooke, B.M. & Cregg, B. 1998.** Morphology of sporodochia of *Microdochium nivale* var. *nivale* on cereal hosts using cryoscanning electron microscopy. *Mycologist* **12**: 118-120.
205. **Diamond, H. & Cooke, B.M. 1999.** Towards the development of a novel *in vitro* strategy for early screening of *Fusarium* ear blight resistance in adult winter wheat plants. *European Journal of Plant Pathology* **105**: 363-372.
206. **Doherty, M.L. & Markey, B.K. 1987.** An unusual cause of anterior abdominal pain in a cow. *Irish Veterinary Journal* **41**: 281-285.
207. **Donnelly, D.M.X. & O’Reilly, J. 1980.** 6-Methyldehydro- α -lapachone from *Fomes annosus*. *Phytochemistry* **19**: 277-279.
208. **Donnelly, D.M.X., Abe, F., Coveney, D., Fokuda, N., O’Reilly, J., Polonsky, J. & Prangé, T. 1985.** Antibacterial sesquiterpene aryl esters from *Armillaria mellea*. *Journal of Natural Products* **48**: 10-16.
209. **Donnelly, D.M.X. & Sheridan, M.H. 1986.** Anthraquinones from *Trichoderma polysporum*. *Phytochemistry* **25**: 2303-2304.

210. **Donnelly, D.M.X. & Hutchinson, R.H. 1990.** Armillane, a saturated sesquiterpene ester from *Armillaria mellea*. *Phytochemistry* **29**: 179-182.
211. **Donnelly, D.M.X., Hutchinson, R.M., Coveney, D. & Yonemitsu, M. 1990.** Sesquiterpene aryl esters from *Armillaria mellea*. *Phytochemistry* **29**: 2569-2572.
212. **Donnelly, D.M.X., Konishi, T., Dunne, O. & Cremin, P. 1997.** Sesquiterpene aryl esters from *Armillaria tubescens*. *Phytochemistry* **44**: 1473-1478.
213. **Donnelly, S.C., McLaughlin, H. & Bredin, C.P. 1991.** Period prevalence of allergic bronchopulmonary mycosis in a regional hospital outpatient population in Ireland 1985-1988. *Irish Journal of Medical Science* **160**: 288-290.
214. **Donnelly, S.M., Sullivan, D.J., Shanley, D.B. & Coleman, D.C. 1999.** Phylogenetic analysis and rapid identification of *Candida dubliniensis* based on analysis of ACT1 intron and exon sequences. *Microbiology* **145**: 1871-1882.
215. **Douglas, G.C., Heslin, M.C. & Reid, C. 1989.** Isolation of *Oidiodendron maius* from *Rhododendron* and ultrastructural characterization of synthesized mycorrhizas. *Canadian Journal of Botany* **67**: 2206-2212.
216. **Douglas, G.C., Heslin, M.C. & Reid, C. 1990.** Subterranean aspects of rhododendrons: their mycorrhizal roots. *American Rhododendron Society Journal* **44**: 10-14.
217. **Dowd, C.A. & Sheehan, D. 1994.** Purification of glutathione-S-transferase from the fungus *Alternaria alternata*. *Biochemical Society Transactions* **22** (1): 58S.
218. **Dowd, C.A., Buckley, C.M. & Sheehan, D. 1997.** Glutathione-S-transferases from the white-rot fungus, *Phanerochaete chrysosporium*. *Biochemical Journal* **324**: 243-248.
219. **Dowd, C.A. & Sheehan, D. 1999.** Variable expression of glutathione-S-transferase isoenzymes in the fungus, *Mucor circinelloides*. *FEMS Microbiology Letters* **170**: 13-17.
220. **Dowding, P. 1978.** Methods for studying microbial interactions. *Annals of Applied Biology* **89**: 167-171.
221. **Dowding, P. 1987.** The use of leaf-yeasts as indicators of air pollution. In D.H.S. Richardson (ed.), *Biological indicators of pollution. Proceedings of a seminar 24-25 February 1986*, pp.137-153. Royal Irish Academy. Dublin.
222. **Dowley, L.J. & O'Sullivan, E. 1981.** Metalaxyl-resistant strains of *Phytophthora infestans* (Mont.) de Bary in Ireland. *Potato Research* **24**: 417-421.
223. **Dowley, L.J., Routley, D.G. & Peirce, L.C. 1981.** Effect of carbohydrate content and day length on resistance to late blight in tomatoes. *Irish Journal of Agricultural Research* **20**: 211-215.
224. **Dowley, L.J. & O'Sullivan, E. 1985.** Monitoring metalaxyl resistance in populations of *Phytophthora infestans*. *Potato Research* **28**: 531-534.
225. **Dowley, L.J. 1987.** Factors affecting the survival of metalaxyl-resistant strains of *Phytophthora infestans* (Mont.) de Bary in Ireland. *Potato Research* **30**: 473-475.
226. **Dowley, L.J. 1988.** Potato blight control. *Farm and Food Research* **19** (4): 26-27.
227. **Dowley, L.J. 1991.** Systemic/protectant mixtures for potato blight control. *Farm and Food* **1** (4): 28-30.

228. **Dowley, L.J. & O'Sullivan, E. 1991.** Changes in the distribution of phenylamide-resistant strains of *Phytophthora infestans* (Mont.) de Bary in Ireland 1985-89. *Potato Research* **34**: 67-69.
229. **Dowley, L.J. & O'Sullivan, E. 1991.** Sporulation of *Phytophthora infestans* (Mont.) de Bary on the surface of diseased potatoes and tuber to tuber spread of infection during handling. *Potato Research* **34**: 295-296.
230. **Dowley, L.J. 1992.** Control of potato blight – results of six years experiments with mixtures of systemic and contact fungicides. *Ochróna Roślin* **36** (5): 4-6.
231. **Dowley, L.J. & O'Sullivan, E. 1994.** The effect of phenylamide/mancozeb mixtures on the control of late blight of potatoes. *Irish Journal of Agricultural and Food Research* **33**: 177-181.
232. **Dowley, L.J. & O'Sullivan, E. 1995.** Activity of fluazinam against late blight of potatoes. *Irish Journal of Agricultural and Food Research* **34**: 33-37.
233. **Dowley, L.J., Bannon, E., Cooke, L.R., Keane, T. & O'Sullivan, E. (eds) 1995.** *Phytophthora infestans 150. Proceedings of pathology section meeting of the European association for potato research, Trinity College Dublin, 10-16 September 1995.* Boole Press Ltd., 26 Temple Lane, Temple Bar, Dublin. In association with Teagasc, Oak Park Research Centre, Carlow.
234. **Dowley, L.J. 1995.** Research on *Phytophthora infestans* in Ireland: A short historical review. In L.J. Dowley, E. Bannon, L.R. Cooke, T. Keane & E. O'Sullivan (eds), *Phytophthora infestans 150. Proceedings of pathology section meeting of the European association for potato research, Trinity College Dublin, 10-16 September 1995*, pp.12-29. Teagasc, Oak Park Research Centre. Carlow.
235. **Dowley, L.J., Cooke, L.R. & O'Sullivan, E. 1995.** Development and monitoring of an anti-resistance strategy for phenylamide use against *Phytophthora infestans*. In L.J. Dowley, E. Bannon, L.R. Cooke, T. Keane & E. O'Sullivan (eds), *Phytophthora infestans 150. Proceedings of pathology section meeting of the European association for potato research, Trinity College Dublin, 10-16 September 1995*, pp.130-136. Teagasc, Oak Park Research Centre. Carlow.
236. **Dowley, L.J. & O'Sullivan, E. 1996.** The effect of dimethomorph on the control of late blight of potatoes. *Irish Journal of Agricultural and Food Research* **35**: 165-169.
237. **Dowley, L.J. 1997.** The potato and late blight in Ireland. In C.Ó Gráda (ed.), *Famine 150, commemorative lecture series*, pp.49-65. Teagasc and University College Dublin.
238. **Dowley, L.J., Carnegie, S.F., Balandras-Chatot, C., Ellissèche, D., Gans, P., Schöber-Butin, B. & Wustman, R. 1999.** Guidelines for evaluating disease resistance in potato cultivars. Foliage blight resistance (field test) *Phytophthora infestans* (Mont.) de Bary. *Potato Research* **42**: 107-111.
239. **Dowling, D.N. & O'Gara, F. 1994.** Metabolites of *Pseudomonas* involved in the biocontrol of plant disease. *Trends in Biotechnology* **12**: 133-141.
240. **Downes, M.J. 1977.** *Erwinia herbicola* for the control of *Pyrenophora avenae* on oat seedlings and of other organisms. In J.J. Duggan (ed.), *Proceedings of seminar on biological control*, pp.97-108. Royal Irish Academy. Dublin.

241. **Doyle, O.P.E. & Clancy, K.J. 1986.** Fungicides for control of clubroot, *Plasmiodiophora brassicae*. In *Research report 1984-85 Faculty of General Agriculture, University College Dublin*, pp.167-168. University College. Dublin.
242. **Doyle, O.P.E. & Clancy, K.J. 1986.** Integrated chemical applications for the control of clubroot of brassicas. In *British Crop Protection Conference-1986. Pests and Diseases, 2*: 923-930. British Crop Protection Council. Thornton Heath.
243. **Duffy, E.M., Hurley, E.M. & Cassells, A.C. 1998.** Inoculation of aseptically grown potato with beneficial rhizosphere micro-organisms. [Abstract] *Biology and Environment: Proceedings of the Royal Irish Academy* **98B**: 44.
244. **Duffy, E.M., Hurley, E.M. & Cassells, A.C. 1999.** Weaning performance of potato microplants following bacterization and mycorrhization. In *Proceedings of a conference on potato seed production by tissue culture, Brussels, Belgium, 25-28 February 1998. Potato Research* **42**: 521-527.
245. **Duffy, E.M. & Cassells, A.C. 2000.** The effect of inoculation of potato (*Solanum tuberosum* L.) microplants with arbuscular mycorrhizal fungi on tuber yield and tuber size distribution. *Applied Soil Ecology* **15**: 137-144.
246. **Dunne, B. 1993.** Reducing fungicide dosage on winter wheat. *SP Rapport No.7*: 89-93.
247. **Dunne, C., Crowley, J.J., Moëgne-Loccoz, Y., Dowling, D.N., Bruijn, F.J. de- & O’Gara, F. 1997.** Biological control of *Pythium ultimum* by *Stenotrophomonas maltophilia* W81 is mediated by an extracellular proteolytic activity. *Microbiology* **143**: 3921-3931.
248. **Dunne, C., Cronin, D., Moëgne-Loccoz, Y. & O’Gara, F. 1998.** Biological control of phytopathogens by phloroglucinol and hydrolytic enzymes producing bacterial inoculants. In *Molecular approaches in biological control, Delemont, Switzerland, 15-18 September 1997. IOBC/WPRS Bulletin OILM/SROP* **21** (9): 19-25.
249. **Dunne, C., Delany, I., Fenton, A., Aarons, S., Tola, E., Smith, L., Lohrke, S. & O’Gara, F. 1998.** Molecular approaches for improved biological control of plant diseases. In *Proceedings of the 8th general assembly of the IOCB-WPRS, Vienna, Austria, 30 September – 2 October 1997. Bulletin OILB/SROP* **21** (7): 11-20.
250. **Dunne, C., Moëgne-Loccoz, Y., McCarthy, J., Higgins, P., Powell, J., Dowling, D.N. & O’Gara, F. 1998.** Combining proteolytic and phloroglucinol-producing bacteria for improved biocontrol of *Pythium*-mediated damping-off of sugar beet. *Plant Pathology* **47**: 299-307.
251. **Dunne, C., Moëgne Loccoz, Y., Bruijn, F.J.de- & O’Gara, F. 2000.** Overproduction of an inducible extracellular serine protease improves biological control of *Pythium ultimum* by *Stenotrophomonas maltophilia* strain W81. *Microbiology* **146**: 2069-2078.
252. **Dunne, R. & Robinson, D.W. 1990.** Biological control – the future? In *Proceedings of meeting on biological control of pests and diseases 20-21 September 1990, Agriculture and Food Centre, Belfast*, pp.60-65. Department of Agriculture for Northern Ireland. Belfast.
253. **Easson, D.L. & Saunders, A.R. 1986.** A comparison of the effects of sowing date, nitrogen application, herbicide, fungicide, growth regulators and other treatments on the yield of spring barley. *Record of Agricultural Research* **34**: 29-38.

254. **Easson, D.L. 1995.** The effects of omitting or reducing pesticide and other inputs on the disease incidence and yield components of winter wheat in Northern Ireland. *Journal of Agricultural Science* **124** (3): 343-350.
255. **Edwards, T.L. 1981.** An *Entomophthora* species on *Cinara plicicornis* (Hartig) (Hemiptera: Aphididae). *Irish Naturalists' Journal* **20**: 204-206.
256. **Egan, J. 1994.** *Actinomyces pyogenes* mastitis with particular emphasis on summer mastitis. *Irish Veterinary Journal* **47**: 180-186.
257. **El Fahl, A.M. & Calvert, E.L. 1976.** The effect of soil treatment with sulphur and lime on the incidence of potato diseases with special reference to blight. *Record of Agricultural Research* **24**: 7-12.
258. **Fahey, D.K., Fenton, S., Cahill, M. & Acheson, R.W. 1999.** *Candida* endophthalmitis: a diagnostic dilemma. [Correspondence] *Eye* **13** (4): 596-598.
259. **Fahy, J.V., Keoghane, M.T., Crummy, E.J. & FitzGerald, M.X. 1991.** Bacteraemia and fungaemia in adults with cystic fibrosis. *Journal of Infection* **22** (3): 241-245.
260. **Falkiner, F.R. 1988.** Strategy for the selection of antibiotics for use against common bacterial pathogens and endophytes of plants. *Acta Horticulturae* No. 225: 53-56.
261. **Fallon, A., O'Keeffe M., Gosling, J.P. & Kane, M. 1997.** Application of immunoaffinity chromatography to the analysis of the mycotoxin, zearalenone.[Abstract] *Irish Journal of Agricultural and Food Research* **36**: 285.
262. **Fay, P., Mitchell, D.T. & Osborne, B.A. 1996.** Photosynthesis and nutrient-use efficiency of barley in response to low arbuscular mycorrhizal colonization and addition of phosphorus. *New Phytologist* **132**: 425-433.
263. **Fay, D.A. & Mitchell, D.T. 1999.** A preliminary study of the mycorrhizal associations of tree seedlings growing on mine spoil at Avoca, Co. Wicklow. *Biology and Environment: Proceedings of the Royal Irish Academy*, **99B**: 19-26.
264. **Fedi, S., Tola, E., Moënné-Loccoz, Y., Dowling, D.N., Smith, L.M. & O'Gara, F. 1997.** Evidence for signalling between phytopathogenic fungus *Pythium ultimum* and *Pseudomonas fluorescens* F113: *P. ultimum* represses the expression of genes in *P. fluorescens* F113, resulting in altered ecological fitness. *Applied and Environmental Microbiology* **63**: 4261-4266.
265. **Fenelon, L.E., Hamilton, A.J., Figueroa, J.I., Bartholomew, M.A., Allen, M.H., McCarthy, P. & Hay, R.J. 1999.** Production of specific monoclonal antibodies to *Aspergillus* species and their use in immunohistochemical identification of aspergillosis. *Journal of Clinical Microbiology* **37**: 1221-1223.
266. **Fenton, A.M., Stephens, P.M., Crowley, J., O'Callaghan, M. & O'Gara, F. 1992.** Exploitation of gene(s) involved in 2,4-diacetylphloroglucinol biosynthesis to confer a new biocontrol capability to a *Pseudomonas* strain. *Applied and Environmental Microbiology* **58**: 3873-3878.
267. **Finlay, A.R., Lubin, C. & Brown, A.E. 1992.** The banana stalk as a source of inoculum of fungal pathogens which cause crown rot. *Tropical Science* **32** (4): 343-352.
268. **Finlay, A.R. & Brown, A.E. 1993.** The relative importance of *Colletotrichum musae* as a crown-rot pathogen on Windward Island bananas. *Plant Pathology* **42**: 67-74.

269. **FitzGerald, G.R., Turner, M., Flanagan, M., Donovan, D., Carvill, P. & Delaney, L. 1984.** Cardiac abnormalities in farmer's lung. [Abstract] *Irish Journal of Medical Science* **153**: 85-86.
270. **Fitzgerald, W. & Cooke, B.M. 1980.** Cross-infection of *Septoria nodorum* on wheat and barley. *Research report 1978-79 Faculty of General Agriculture, University College Dublin*, pp.37-42. University College. Dublin.
271. **Fitzgerald, W. & Cooke, B.M. 1980.** Reaction of six spring barley cultivars to infection by barley isolates of *Septoria nodorum*, 1979. *Tests on Agrochemicals and Cultivars (Annals of Applied Biology* **94** Supplement): 60-61.
272. **Fitzgerald, W. & Cooke, B.M. 1982.** Response of wheat and barley isolates of *Septoria nodorum* to passage through barley and wheat cultivars. *Plant Pathology* **31**: 315-324
273. **Fitzgerald, W. & Cooke, B.M. 1983.** A seedling blight of barley caused by *Septoria nodorum*. *Plant Pathology* **32**: 217-219.
274. **Fitzpatrick, F., Prout, S., Gilleece, A., Fenlon, L.E. & Murphy, O.M. 1999.** Nosocomial aspergillosis during building work – a multidisciplinary approach. [Correspondence] *Journal of Hospital Infection* **42** (2): 170-171.
275. **Flack, N.J. & Swinburne, T.R. 1977.** Host range of *Nectria galligena* Bres. and the pathogenicity of some Northern Ireland isolates. *Transactions of the British Mycological Society* **68**: 185-192.
276. **Fleming, W.A. 1975.** Dermatophyte isolations in Northern Ireland 1967-1973. *Ulster Medical Journal* **44**: 44-47.
277. **Fletcher, J. 1976.** Construction and use of a windowed petri dish for continuous observation and photography of submerged fungal structures. *Transactions of the British Mycological Society* **66**: 367-369.
278. **Fletcher, J. 1979.** An ultrastructural investigation into the role of calcium in oospore-initial development in *Saprolegnia diclina*. *Journal of General Microbiology* **113**: 315-326.
279. **Flood, H.D., O'Brien, A.M. & Kelly, D.G. 1985.** Isolated renal mucormycosis. *Postgraduate Medical Journal* **61**: 175-176.
280. **Fogarty, R.V. & Tobin, J.M. 1996.** Fungal melanins and their interactions with metals. *Enzyme and Microbial Technology* **9** (4): 311-317.
281. **Foster, G. & Mills, P. 1990.** Evidence for the role of subgenomic RNA species in the production of Helenium virus S coat protein during *in vitro* translation. *Virus Research* **17** (1): 61-69.
282. **Foster, G.D. & Mills, P.R. 1990.** Detection of strains of potato virus S by nucleic acid spot hybridization (NASH). *Potato Research* **33**: 487-495.
283. **Foster, G.D., Meehan, B.M. & Mills, P.R. 1990.** A comparison of the nucleotide sequence homologies between isolates of the Andean and ordinary strains of potato virus S and their relationship to other carlaviruses. *Virus Genes* **4** (3): 257-260.
284. **Foster, G.D. & Mills, P.R. 1990.** Evidence for the role of subgenomic RNA's in the production of potato virus S coat protein during *in vitro* translation. *Journal of General Virology* **71**: 1247-1249.

285. **Foster, G.D., Millar, A.W., Meehan, B.M. & Mills, P.R. 1990.** Nucleotide sequence of the 3'-terminal region of Helenium virus S RNA. *Journal of General Virology* **71**: 1877-1880.
286. **Foster, G.D. & Mills, P.R. 1991.** Evidence for subgenomic RNA's in leaves infected with an Andean strain of potato virus S. *Acta Virologica* **35** (3): 266-267.
287. **Foster, W.R., Seaby, D.A. & Malone, J.P. 1976.** Relationship between day-length, root growth and infection of *Chamaecyparis lawsoniana* var. *ellwoodii* by *Phytophthora cinnamomi* Rands. *Plant Pathology* **25**: 201-204.
288. **Fox, H.F., Grant, P.J. & Moore, C.R. 1994.** *Octospora musci-muralis* Graddon, (Ascomycotina : Humariaceae) in Ireland. *Irish Naturalists' Journal* **24**: 378-379.
289. **Foxe, M.J. 1980.** An investigation of the distribution of potato mop-top virus in Co. Donegal. *Journal of Life Sciences, Royal Dublin Society* **1**: 149-155.
290. **Foxe, M.J. 1982.** Occurrence of an unusual strain of potato virus X in the potato cultivar King Edward. [PVX str. 4]. In *Research report 1980 - 1981, Faculty of General Agriculture, University College Dublin*, p.80. University College. Dublin.
291. **Foxe, M.J., Macken, S. & Wilson, U.E. 1983.** Initial investigations on the production of virus-tested seed potatoes by tissue culture. In A.C. Cassells & J.A. Kavanagh (eds), *Plant tissue culture in relation to biotechnology. Proceedings of a seminar 22-23 February 1982*, pp.66-71. Royal Irish Academy. Dublin.
292. **Foxe, M.J., Macken, S. & Wilson, U.E. 1983.** Tissue culture methods for the production of virus-tested seed potatoes. *Indian Journal of Plant Pathology* **1** (1): 5-9.
293. **Foxe, M.J., Wilson, U.E., Macken, S.M., Prakash, J. & Kane, E. 1984.** Potato viruses. In *Research report 1982-83, Faculty of General Agriculture, University College Dublin*, pp.74-76. University College. Dublin.
294. **Foxe, M.J. & Wilson, U.E. 1986.** Virus infection of freesia. In *Research report 1984-85, Faculty of General Agriculture, University College Dublin*, p.168. University College. Dublin.
295. **Foxe, M.J., Wilson, U.E. & Macken, S.M. 1986.** Rapid *in vitro* propagation of virus-indexed potatoes. In *Research report 1984-85, Faculty of General Agriculture, University College Dublin*, p.170. University College. Dublin.
296. **Foxe, M.J. & Prakash, J. 1986.** Resistance to potato virus X in isolated protoplasts. In *Research report 1984-85, Faculty of General Agriculture, University College Dublin*, p.170. University College. Dublin.
297. **Foxe, M.J. & Prakash, J. 1986.** Infection of potato protoplasts with potato virus X. In *Research report 1984-85, Faculty of General Agriculture, University College Dublin*, pp.171-172. University College. Dublin.
298. **Foxe, M.J. & Horgan, D. 1986** Complementary DNA for virus-indexing of plants. In *Research report 1984-85, Faculty of General Agriculture, University College Dublin*, pp.172-173. University College. Dublin.

299. **Foxe, M.J. 1991.** Role of viruses in plant biotechnology. In J.Prakash & R.L.M. Pierik (eds), *Horticulture – new technologies and applications. Proceedings of the international seminar on new frontiers in horticulture, organised by Indo-American hybrid seeds, Bangalore, India, November 25-28, 1990*, pp.87-94. Kluwer Academic Publishers. Dordrecht. Netherlands.
300. **Francis, S.M. & Waterhouse, G.M. 1988.** List of Peronosporaceae reported from the British Isles. *Transactions of the British Mycological Society* **91**: 1-62.
301. **Fraser, T.W. 1976.** Mop-top tubules. The ultrastructure of unusual tubular elements associated with two different leaf symptoms of potato mop-top virus infected potato plants. *Protoplasm* **90**: 15-31.
302. **Frost, M.C. 1976.** Potatoes, *Phytophthora infestans*, and the weather. *Annals of Applied Biology* **84**: 271-272.
303. **Fuller, H., McNamara, K., Brady, K.C., O’Kiely, P., Forristal, P.D. & Lenehan, J.J. 2000.** *Schizophyllum* on big-bale silage: results of farm survey. *Irish Journal of Agricultural and Food Research* [Abstract] **39**: 466.
304. **Fulton, C.E. & Brown, A.E. 1997.** Use of SSU rDNA group-I intron to distinguish *Monilinia fructicola* from *M. laxa* and *M. frackigena*. *FEMS Microbiology Letters* **157**: 307-312.
305. **Fulton, C.E., Leeuwen, G.C.M. van & Brown, A.E. 1999.** Genetic variation among and within *Monilinia* species causing brown rot of stone and pome fruits. *European Journal of Plant Pathology* **105**: 495-500.
306. **Gaffney, R., Harrison, M., Walsh, M., Sweeney, E. & Cafferkey, M. 1993.** The incidence and role of *Actinomyces* in recurrent acute tonsillitis. *Clinical Otolaryngology* **18** (4): 268-271.
307. **Gaffney, R.J. & Walsh, M.A. 1993.** Cervicofacial actinomycosis: an unusual cause of submandibular swelling. *Journal of Laryngology and Otology* **107** (12): 1169-1170.
308. **Gallagher, P.J., Bennet, D.E., Henman, M.C., Russell, R.J., Flint, S.R., Shanley, D.B. & Coleman, D.C. 1992.** Reduced azole susceptibility of oral isolates of *Candida albicans* from HIV-positive patients and a derivative exhibiting colony morphology variation. *Journal of General Microbiology* **138**: 1901-1911.
309. **Gennard, D.E. & Hackney, C.R. 1989.** First Irish record of a fossil bracket fungus *Fomes fomentarius* (L. ex Fr.) Kickx. *Irish Naturalists’ Journal* **23**: 19-21.
310. **Geoghegan, M.J. & Lynch, F.J. 1977.** Varietal resistance to benomyl in *Cercospora beticola*. *Transactions of the British Mycological Society* **68**: 476-478.
311. **Geraghty, M., Cronin, J.F., Devereux, M. & McCann, M. 2000.** Synthesis and antimicrobial activity of copper(II) and manganese(II) α,ω -dicarboxylate complexes. *BioMetals* **13** (1): 1-8.
312. **Ghannoum, M.A., Abu Elteen, K., Ellabib, M. & Whittaker, P.A. 1990.** Antimycotic effects of octenidine and pirtenidine. *Journal of Antimicrobial Chemotherapy* **25** (2): 231-245.
313. **Ghannoum, M.A., Elteen, K.A., Stretton, R.J. & Whittaker, P.A. 1990.** Effects of octenidine and pirtenidine on adhesion of *Candida* species to human buccal epithelial cells *in vitro*. *Archives of Oral Biology* **35** (4): 249-253.

314. **Gibson, B. 1986.** Mycotoxins as a possible cause of uterine prolapse and abortions in a herd of cows. *Irish Veterinary News* Oct. pp.14-15.
315. **Gibson, G., Buckley, A. & Murphy, G.M. 1994.** Allergic contact dermatitis from tioconazole without cross-sensitivity to other imidazoles. *Contact Dermatitis* **30** (5): 308.
316. **Gleeson, F.A. & Gilsenan, D. 1975.** Coccidioidomycosis — a case report. *Journal of the Irish Medical Association* **68**: 405-406.
317. **Glynn, A.N. & Kavanagh, T. 1980.** Effect of years of prior cultivation on the incidence of *Fusarium* wilt of tomatoes grown in fen peat. *Irish Journal of Agricultural Research* **19**: 45-51.
318. **Good, J.A. 1984.** Fungi attacking eggs of the earwig *Forficula auricularia* L. (Dermaptera). *Irish Naturalists' Journal* **21**: 370.
319. **Good, J.A. 1991.** *Gyrophana strictula* Erichson (Coleoptera : Staphylinidae), a beetle new to Ireland associated with *Daedalea quercina* (L.) (Hymenomycetes : Polyporaceae). *Irish Naturalists' Journal* **23**: 504.
320. **Gorman, S.P. & Scott, E.M. 1977.** A qualitative evaluation of the antifungal properties of glutaraldehyde. *Journal of Applied Bacteriology* **43**: 83-89.
321. **Gorman, S.P., Scott, E.M. & Russele, A.D. 1980.** Antimicrobial activity, uses and mechanisms of action of glutaraldehyde. *Journal of Applied Bacteriology* **48**: 161-190.
322. **Gorman, S.P., McCafferty, D.F. & Anderson, L. 1986.** Application of an electronic particle counter to the quantification of bacterial and *Candida* adherence to mucosal epithelial cells. *Letters in Applied Microbiology* **2** (5): 97-100.
323. **Gorman, S.P., McCafferty, D.F., Woolfson, A.D. & Anderson, L. 1986.** Decrease in adherence of bacteria and yeasts to human mucosal epithelial cells by noxythiolin *in vitro*. *Journal of Applied Bacteriology* **60**: 311-317.
324. **Gorman, S.P., McCafferty, D.F., Woolfson, A.D. & Anderson, L. 1986.** Inhibition of hyphal development and kill of *Candida albicans* blastospores by noxythiolin *in vitro*. *Journal of Applied Bacteriology* **60**: 319-325.
325. **Gorman, S.P., McCafferty, D.F., Woolfson, A.D. & Jones, D.S. 1987.** Reduced adherence of micro-organisms to human mucosal epithelial cells following treatment with taurolin, a novel antimicrobial agent. *Journal of Applied Bacteriology* **62**: 315-320.
326. **Gorman, S.P., McCafferty, D.F., Woolfson, A.D. & Kennedy G.E. 1988.** Reduced adherence and inhibition of hyphal development of *Candida albicans* by the antimicrobial agent polynoxylin. *Letters in Applied Microbiology* **6** (6): 415-418.
327. **Gorman, S.P., Jones, D.S., McGovern, J.G. & Woolfson, A.D. 1996.** Frequency distribution of *Candida albicans* blastospores adhered to mucosal epithelial cells *in vitro*. *Journal of Pharmacy and Pharmacology* **48** (12): 1315-1319.
328. **Graham, A.H. & Harper, D.B. 1983.** Distribution and transport of iron in conidia of *Colletotrichum musae* in relation to the mode of action of germination stimulants. *Journal of General Microbiology* **129**: 1025-1034.

329. **Gray, N.F. 1982.** A key to the major slime-forming organisms of 'sewage fungus'. *Journal of Life Sciences, Royal Dublin Society* **4**: 97-102.
330. **Gray, N.F. & Duff, K.R. 1982.** Some preliminary observations on predaceous fungi from Ireland. *Irish Naturalists' Journal* **20**: 378-380.
331. **Gray, N.F. 1983.** Further observations on predaceous fungi from Ireland. *Irish Naturalists' Journal* **21**: 18-22.
332. **Gray, N.F. 1983.** Observations and taxonomic notes on predaceous fungi from Ireland. *Irish Naturalists' Journal* **21**: 89-91.
333. **Gray, N.F. 1983.** Ecology of nematophagous fungi: notes on the identification of *Acrostalogrammus obovatus*, *Cephalosporium balanoides* and *Verticillium sphaerosporum*. *Irish Naturalists' Journal* **21**: 125-128.
334. **Gray, N.F. 1983.** Ecology of nematophagous fungi: *Arthrobotrys musiformis*, a nematode-destroying fungus new to Ireland. *Irish Journal of Agricultural Research* **22**: 107-111.
335. **Gray, N.F. 1984.** Ecology of nematophagous fungi: predatory and endoparasitic species new to Ireland. *Irish Naturalists' Journal* **21**: 337-341.
336. **Gray, N.F. 1985.** *Monacrosporium psychrophilum*, a nematode-destroying fungus new to Ireland. *Irish Journal of Agricultural Research* **24**: 129-132.
337. **Griffin, D., O'Sullivan, E., Harmey, M.A. & Dowley, L.J. 1998.** Distribution of the metalaxyl resistant, A2 mating type physiological races in the 1996 Irish population of *Phytophthora infestans*. [Abstract] *Biology and Environment: Proceedings of the Royal Irish Academy* **98B**: 50.
338. **Griffin, D., O'Sullivan, E., Harmey, M.A. & Dowley, L.J. 2000.** Genetic diversity in Irish populations of *Phytophthora infestans*. [Abstract] *Irish Journal of Agricultural and Food Research* **39**: 487.
339. **Grogan, H. & Mitchell, D.T. 1990.** The mycorrhizal status of some forest sites and the propagation of ectomycorrhizal Sitka spruce seedlings in Ireland. *Aspects of Applied Biology* No. 24: 123-130.
340. **Grogan, H.M., O'Neill, J.J.M. & Mitchell, D.T. 1994.** Mycorrhizal associations of Sitka spruce seedlings propagated in Irish tree nurseries. *European Journal of Forest Pathology* **24**: 335-344.
341. **Hall, K. & Kavanagh, J.A. 1984.** Laboratory studies on the growth and reproduction of *Cladosporium allii-cepae*, the cause of leaf blotch of onion. *Plant Pathology* **33**: 147-153.
342. **Hall, K. & Kavanagh, J.A. 1985.** Light and scanning electron microscope studies of leaf blotch of onion caused by *Cladosporium allii-cepae*. *Plant Pathology* **34**: 1-4.
343. **Harkin, M.C. 1977.** Interrelations between decay and non-decay fungi and their possible effects on timber quality. In J.J. Duggan (ed.), *Proceedings of seminar on biological control*, pp.73-92. Royal Irish Academy. Dublin.
344. **Harper, D.B. & Swinburne, T.R. 1979.** 2,3-Dihydroxybenzoic acid and related compounds as stimulants of germination of conidia of *Colletotrichum musae* (Berk.& Curt.) Arx. *Physiological Plant Pathology* **14**: 363-370.

345. **Harper, D.B., Swinburne, T.R., Moore, S.K., Brown, A.E. & Graham, H. 1980.** A role for iron in germination of conidia of *Colletotrichum musae*. *Journal of General Microbiology* **121**: 169-174.
346. **Harper, D.B. 1985.** Halomethane from halide ion — a highly efficient fungal conversion of environmental significance. *Nature* **315** (6014): 55-57.
347. **Harper, D.B., Buswell, J.A. & Kennedy, J.T. 1991.** Effect of chloromethane on veratryl alcohol and lignin peroxidase production by the fungus *Phanerochaete chrysosporium*. *Journal of General Microbiology* **137**: 2867-2872.
348. **Harrington, J., Kirwan, L. & Stuart, M.R. 1979.** Heat tolerance of thermophilic and thermotolerant fungi in composted conifer bark. *Journal of Life Sciences, Royal Dublin Society* **1**: 99-105.
349. **Harrington, T. & Kavanagh, J.A. 1980.** The use of fungicides in the control of apple rot caused by *Phytophthora syringae* (Kleb.). In *Research report 1978-1979, Faculty of General Agriculture, University College Dublin*, pp.34-35. University College. Dublin.
350. **Harrington, T.J. 1994.** New Irish fungal records. *Irish Naturalists' Journal* **24**: 413-414.
351. **Harrington, T.J. 1996.** Observations on the macrofungi of *Dryas* communities in the Burren, Western Ireland. *Irish Naturalists' Journal* **25**: 169-174.
352. **Harrington, T.J. 1997.** Aquatic hyphomycetes of 21 rivers in Southern Ireland. *Biology and Environment: Proceedings of the Royal Irish Academy* **97B**: 139-148.
353. **Hartigan, P.J. 1980.** Fertility management in the dairy herd: the need to control bacterial contamination of the environment. *Irish Veterinary Journal* **34**: 43-48.
354. **Harvey, C.F., Mills, J.O.M. & D'Sa, A.A.B.B. 1986.** Oesophageal moniliasis. *British Journal of Clinical Practice* **40** (1): 36-40.
355. **Hassett, A.M., Woods, R.J., Temperley, I.J. & Mullins, G.M. 1977.** Cell mediated immunity to recall antigens *in vivo* and *in vitro*. *Irish Journal of Medical Science* **146**: 167-174.
356. **Hatab, M.A. & Whittaker, P.A. 1992.** Isolation and characterization of respiration-deficient mutants from the pathogenic yeast *Candida albicans*. *Antonie van Leeuwenhoek* **61** (3): 207-219.
357. **Healy, V., Doonan, S. & McCarthy, T.V. 1999.** Purification, characterization and cDNA cloning of an endo- exonuclease from the basidiomycete fungus *Armillaria mellea*. *Biochemical Journal* **339** (3): 713-720.
358. **Heaney, L.G., McCrea, P., Buick, B. & MacMahon, J. 1997.** Brewer's asthma due to malt contamination. *Occupational Medicine* **47** (7): 397-400.
359. **Hegarty, B.M. & Curran, P.M.T. 1980.** *Ceriosporopsis halima* Linder, (imperfect state) new to Ireland. *Irish Naturalists' Journal* **20**: 76-77.
360. **Hegarty, B.M. & Curran, P.M.T. 1982.** Wood-inhabiting marine fungi new to Ireland. *Irish Naturalists' Journal* **20**: 537.

361. **Hennerty, M.J., Upton, M.E., Furlong, P.A., Harris, D.P., James, D.J. & Eaton, R.A. 1988.** Microbial contamination of *in vitro* cultures of apple rootstocks M26 and M9. *Acta Horticulturae* No. 225: 129-137.
362. **Henry, M., Bennett, D.M., Kiely, J., Kelleher, N. & Bredin, C.P. 2000.** Fungal atopy in adult cystic fibrosis. *Respiratory Medicine* **94** (11): 1092-1096.
363. **Heslin, M.C., Stuart, M.R., Ó Murchú, P. & Donnelly, D.M.X. 1983.** Fomannoxin, a phytotoxic metabolite of *Fomes annosus*: *in vitro* production, host toxicity and isolation from naturally infected Sitka spruce heartwood. *European Journal of Forest Pathology* **13**: 11-23.
364. **Heslin, M.C. & Stuart, M.R. 1983.** Fomannoxin production by different spruce isolates of *Fomes annosus*. *European Journal of Forest Pathology* **13**: 403-409.
365. **Heslin, M.C. 1985.** Ectomycorrhizae of poplar hybrids in Ireland. *Journal of Life Sciences, Royal Dublin Society* **5**: 93-96.
366. **Heslin, M.C. 1986.** The association of *Thelephora terrestris* with *Arbutus* × *Andrachnoides*. *Mycologia* **78**: 683-684.
367. **Heslin, M.C. & Douglas, G.C. 1986.** Effects of ectomycorrhizal fungi on growth and development of poplar plants derived from tissue culture. *Scientia Horticulturae* **30**: 1-2.
368. **Heslin, M.C. & Douglas, G.C. 1986.** Synthesis of poplar mycorrhizas. *Transactions of the British Mycological Society* **86**: 117-122.
369. **Heslin, M.C., Blasius, D., McElhinney, C. & Mitchell, D.T. 1992.** Mycorrhizal and associated fungi of Sitka spruce in Irish forest mixed stands. *European Journal of Forest Pathology* **22**: 46-57.
370. **Hickey, E.L. & Coffey, M.D. 1977.** A fine-structural study of the pea downy mildew fungus *Peronospora pisi* in its host *Pisum sativum*. *Canadian Journal of Botany* **55**: 2845-2858.
371. **Hickey, E.L. & Coffey, M.D. 1978.** A cytochemical investigation of the host-parasite interface in *Pisum sativum* infected by the downy mildew fungus *Peronospora pisi*. *Protoplasma* **97** (2/3): 210-220.
372. **Hickey, E.L. & Coffey, M.D. 1980.** The effects of Ridomil on *Peronospora pisi* parasitising *Pisum sativum*: an ultrastructure investigation. *Physiological Plant Pathology* **17**: 199-204.
373. **Hickey, K., McKenna, P., O'Connell, P.R. & Gillan, J.E. 1993.** Actinomycosis presenting as appendicitis in pregnancy. *British Journal of Obstetrics and Gynaecology* **100** (6): 595-596.
374. **Hillard, B. & Foxe, M.J. 1983.** Investigations of virus behaviour using plant protoplasts. In A.C. Cassells & J.A. Kavanagh (eds), *Plant tissue culture in relation to biotechnology. Proceedings of a seminar held on 22-23 February 1982*, pp.29-38. Royal Irish Academy. Dublin.
375. **Hiney, M.P. & Smith P.R. 1993.** Initial investigations into the fungicidal activity of stabilized chlorine dioxide against *Saprolegnia* in a freshwater hatchery. *Bulletin of the European Association of Fish Pathologists* **13** (4): 123-126.

376. **Hitchcock, H.F. 1980.** Pulmonary histoplasmosis. [Abstract] *Irish Journal of Medical Science* **149**: 485.
377. **Hodson, A., Mills, P.R. & Brown, A. E. 1993.** Ribosomal and mitochondrial DNA polymorphisms in *Colletotrichum gloeosporioides* isolated from tropical fruits. *Mycological Research* **97**: 329-335.
378. **Horgan, M., Boothman, S., Keane, C.T., Temperley, I.J., Mulcahy, F. & Jackson, F. 1990.** Cryptococcal meningitis occurring in HIV infected individuals. *Irish Medical Journal* **83**: 157-158.
379. **Horgan, M. 1997.** Vaginitis in HIV-infected women. *Journal of the International Association of Physicians in AIDS care* **3** (10): 16-19.
380. **Hossain, M. & Logan, C. 1983.** A comparison of inoculation methods for determining potato cultivar reaction to blackleg. *Annals of Applied Biology* **103**: 63-70.
381. **Hossain, M. & Logan, C. 1985.** An assessment of the cause of blackleg and soft rot in Northern Ireland seed potato stocks. *Record of Agricultural Research* **33**: 9-12.
382. **Howlett, S.G. & Cooke, B.M. 1986.** Barley leaf blotch disease, *Rhynchosporium secalis*. In *Research report 1984-85, Faculty of General Agriculture, University College Dublin*, pp.184-185. University College. Dublin.
383. **Howlett, S.G. & Cooke, B.M. 1987.** Scanning electron microscopy of sporulation in *Rhynchosporium secalis*. *Transactions of the British Mycological Society* **88**: 547-549.
384. **Howlett, S.G. & Cooke, B.M. 1992.** More scanning electron micrographs of conidial production in *Rhynchosporium secalis* on barley. *Mycologist* **6**: 16-17.
385. **Hughes, E. & Mitchell, D.T. 1995** Utilization of sucrose by *Hymenoscyphus ericae* (an ericoid endomycorrhizal fungus) and ectomycorrhizal fungi. *Mycological Research* **99**: 1233-1238.
386. **Hughes, E. & Mitchell, D.T. 1996.** Properties of invertases in mycelium of *Hymenoscyphus ericae* and in endomycorrhizal association with cranberry seedlings. *Mycological Research* **100**: 1197-1203.
387. **Hume, H. & Conway, T. 1993.** Recent introductions of alien pests and diseases into Ireland. In J.A. Kavanagh & P. Brennan (eds), *Plant Health and 1992. Proceedings of a seminar held on 8-9 March 1990*, pp.67-81. Royal Irish Academy. Dublin.
388. **Humphreys, J., Cooke, B.M. & Storey, T. 1995.** Effects of seed-borne *Microdochium nivale* on establishment and grain yield of winter-sown wheat. *Plant Varieties and Seeds* **8**: 107-117.
389. **Humphreys, J., Cooke, B.M. & Storey, T. 1998.** Effects of seed-borne *Microdochium nivale* on establishment and population density at harvest of winter-sown oats. *Plant Varieties and Seeds* **11**: 83-90.
390. **Hurley, J. & McGovern, E. 1994.** Rupture of a sinus of Valsalva aneurysm due to *Aspergillus* endocarditis. *Journal of Cardiovascular Surgery* **35** (1): 75-77.
391. **Ing, B. & Mitchell, D.W. 1980.** Irish myxomycetes. *Proceedings of the Royal Irish Academy* **80B**: 277-304.

392. **Ing, B. 1999.** *The Myxomycetes of Britain and Ireland. An identification handbook.* The Richmond Publishing Co. Ltd. Slough. UK.
393. **Ing, B. 2000.** *A census catalogue of the Myxomycetes of Great Britain and Ireland* (2nd edn). British Mycological Society. Kew.
394. **Jackson, F. & Keelan, P. 1982.** Actinomycosis of the lung and chest wall. [Abstract] *Irish Journal of Medical Science* **151**: 167.
395. **Jeffers, M.R., McRoberts, W.C. & Harper, D.B. 1997.** Identification of a phenolic 3-O-methyltransferase in the lignin degrading fungus *Phanerochaete chrysosporium*. *Microbiology* **143**: 1975-1981.
396. **Jess, S. & Mowat, D.J. 1986.** Transmission of barley yellow dwarf virus by larvae of frit fly, *Oscinella frit* (L.), and the effects of sward-killing herbicides on transmission. *Record of Agricultural Research* **34**: 57-60.
397. **Jones, D.S. 1995.** The effects of sub-inhibitory concentrations of cationic, non-antibiotic, antimicrobial agents on the morphogenesis of *Candida albicans* *in vitro*. *Pharmaceutical Research* **12** (12): 2057-2059.
398. **Jones, P. & Dhitaphichit, P. 1991.** Comparison of responses to floret and seedling inoculation in wheat-*Ustilago tritici* and barley-*U. nuda* combinations. *Plant Pathology* **40**: 268-277.
399. **Jones, P., Twomey, U. & Dhitaphichit, P. 1995.** Effect of loose smut infection on wheat and barley plant development: impact of dwarfing genes on disease epidemiology. In *Physiological responses of plants to pathogens, 11-13 September 1995, University of Dundee. Aspects of Applied Biology* No. 42: 33-41.
400. **Jones, P. 1997.** Control of loose smut (*Ustilago nuda* and *U. tritici*) infections in barley and wheat plants by foliar applications of triadimefol. *Plant Pathology* **46**: 946-951.
401. **Jones, P. 1999.** Control of loose smut (*Ustilago nuda* and *U. tritici*) infections in barley and wheat by foliar applications of systemic fungicides. *European Journal of Plant Pathology* **105**: 729-732.
402. **Jongen, M., Fay, P. & Jones, M.B. 1996.** Effects of elevated carbon dioxide and arbuscular mycorrhizal infection on *Trifolium repens*. *New Phytologist* **132**: 413-423.
403. **Katouli, M. & Marchant, R. 1981.** Effect of phytotoxic metabolites of *Fusarium culmorum* on growth and physiology of barley plants. *Plant and Soil* **60**: 377-384.
404. **Kavanagh, J.A. & Williams, P.H. 1981.** Indole auxins in *Plasmodiophora* infected cabbage roots and hypocotyls. *Transactions of the British Mycological Society* **77**: 125-129.
405. **Kavanagh, J.A. 1992** The changing agricultural scene and its effect on disease management. In A.R. McCracken & P.C. Mercer (eds), *Disease management in relation to changing agricultural practice: Belfast 7-9 April 1992*, pp.3-10. Queen's University. Belfast.
406. **Kavanagh, J.A. & Brennan, P. (eds) 1993.** *Plant Health and 1992. Proceedings of a seminar held on 8-9 March 1990*, pp.169-173. Royal Irish Academy. Dublin.
407. **Kavanagh, K., Weedle, R., Ghannoum, M. & Whittaker, P. 1992.** A novel technique for studying the adherence of *Candida albicans* to HEp-2 cells. *Journal of Microbiological Methods* **16** (1): 39-46.

408. **Kavanagh, T. 1977.** Biological control of plant pathogens. In J.J. Duggan (ed.), *Proceedings of seminar on biological control*, pp.32-56. Royal Irish Academy, Dublin.
409. **Kavanagh, T. & Rath, N. 1982.** Influence of fungicide applications for *Botrytis* control in strawberries on the incidence of leather rot (*Phytophthora cactorum*) and on the control of lesions on petioles and flower stalks. *Irish Journal of Agricultural Research* **21**: 95-99.
410. **Kavanagh, T.A. & Spillane, C. 1995.** Strategies for engineering virus resistance in transgenic plants. In *Eucarpia genetic manipulation in plant breeding section meeting, held in Cork, 11-14 September 1994*. *Euphytica* **85**: 149-158.
411. **Keane, E.M. & Jones, P.W. 1990.** Effect of alien cytoplasm substitution on the response of wheat cultivars to *Septoria nodorum*. *Annals of Applied Biology* **117**: 299-312.
412. **Keane, P.F., McKenna, M. & Johnston, S.R. 1993.** Fungal bezoar causing ureteric obstruction. *British Journal of Urology* **72** (2): 247-248.
413. **Keane, T. 1995.** Potato blight warning practice in Ireland. In L.J. Dowley, E. Bannon, L.R. Cooke, T. Keane & E. O'Sullivan (eds), *Phytophthora infestans 150. Proceedings of pathology section meeting of the European association for potato research, Trinity College Dublin, 10-16 September 1995*, pp.191-200. Teagasc, Oak Park Research Centre. Carlow.
414. **Keay, S.M. & Brown, A.E. 1990.** Colonization by *Psilocybe semilanceata* of roots of grassland flora. *Mycological Research* **94**: 49-56.
415. **Kelly, L.P., Feighery, C.F. & Weir, D.G. 1988.** Immunoglobulin A1 and A2 subclass of salivary antibodies to *Candida albicans* in patients with oral candidosis. [Correspondence] *Clinical and Experimental Immunology* **72** (2): 350.
416. **Kennedy, D.G., Hewitt, S.A., McEvoy, J.D.G., Currie, J.W., Cannavan, A., Blanchflower, W.J. & Elliott, C.T. 1998.** Zeranol is formed from *Fusarium* spp. toxins in cattle *in vivo*. *Food Additives and Contaminants* **15** (4): 393-400.
417. **Keohane, C., Galvin, R.J. & Buckley, T.F. 1990.** Cryptococcal granuloma of the brain. [Correspondence] *Journal of Neurology, Neurosurgery and Psychiatry* **53** (12): 1107-1108.
418. **Kerr, J. 1994.** Inhibition of fungal growth by *Pseudomonas aeruginosa* and *Pseudomonas cepacia* isolated from patients with cystic fibrosis. *Journal of Infection* **28** (3): 305-310.
419. **Kerr, J.R. 1994.** Suppression of fungal growth exhibited by *Pseudomonas aeruginosa*. *Journal of Clinical Microbiology* **32** (2): 525-527.
420. **Kerr, J.R. 1996.** Inhibition of growth of fungi pathogenic to man by *Stenotrophomonas maltophilia*. *Journal of Medical Microbiology* **45**: 380-382.
421. **Kidd, D., Ranaghan, E.A. & Morris, T.C.M. 1989.** Hypokalaemia in patients with acute myeloid leukaemia after treatment with fluconazole. [Correspondence] *Lancet* **1** (8645): 1017.
422. **Kiely, J.L., Spinsse, L., Henry, M., Hurley, M.F., Kelleher, N. & Bredin, C.P. 1998.** Chest radiographic staging in allergic bronchopulmonary aspergillosis: relationship with immunological findings. *European Respiratory Journal* **12** (2): 453-456.

423. **Kinane, J.T. & Jones, P.W. 2000.** A note on the identification of virulence factors in the wheat powdery mildew (*Erysiphe graminis* f. sp. *tritici*) population in Co. Cork in 1995. *Irish Journal of Agricultural and Food Research* **39**: 457-461.
424. **Kinirons, M.J. 1983.** Candidal invasion of dentine complicating hytodontia. *British Dental Journal* **154** (12): 400-401.
425. **Kirby, N. 1979.** *Hypocreopsis rhododendri* Thaxter, new to Ireland. *Irish Naturalists' Journal* **19**: 328.
426. **Kouyeas, H. 1977.** *Pythium* species from Ireland. *Scientific Proceedings of the Royal Dublin Society, A* **6**: 37-45.
427. **Kowalski, B. & Cassells, A.C. 1995.** Novel sources of resistance to late blight of potato. In L.J. Dowley, E. Bannon, L.R. Cooke, T. Keane & E. O'Sullivan (eds), *Phytophthora infestans 150. Proceedings of pathology section meeting of the European association for potato research, Trinity College Dublin, 10-16 September 1995*, pp.303-310. Teagasc, Oak Park Research Centre. Carlow.
428. **Kowalski, B. & Cassells, A.C. 1999.** Mutation breeding for yield and *Phytophthora infestans* (Mont.) de Barry foliar resistance in potato (*Solanum tuberosum* L. cv. Golden Wonder) using computerized image analysis in selection. *Potato Research* **42**: 121-130.
429. **Lahert, H., Kavanagh, J.A. & Bannon, E. 1984.** Investigations on *Spongospora subterranea*, the cause of 'powdery scab' of potato. In *Research report 1982-83, Faculty of General Agriculture, University College Dublin*, pp.65-71. University College. Dublin.
430. **Lahert, H. & Kavanagh, J.A. 1985.** The fine structure of the cystosorus of *Spongospora subterranea*, the cause of powdery scab of potato. *Canadian Journal of Botany* **63**: 2278-2282.
431. **Lahert, H. & Kavanagh, J.A. 1986.** *Spongospora subterranea*, 'powdery scab' of potato. In *Research report 1984-85, Faculty of General Agriculture, University College Dublin*, pp.162-163. University College. Dublin.
432. **Landy, E.T., Otte, M.L. & Clipson, N.J.W. 1998.** Occurrence of fungi on salt marsh plants at Bull Island, Co. Dublin. [Abstract] *Biology and Environment: Proceedings of the Royal Irish Academy*. **98B**: 55.
433. **Larmour, R. & Marchant, R. 1977.** The induction of conidiation in *Fusarium culmorum* grown in continuous culture. *Journal of General Microbiology* **99**: 47-58.
434. **Larmour, R. & Marchant, R. 1977.** Carbon dioxide fixation and conidiation in *Fusarium culmorum* grown in continuous culture. *Journal of General Microbiology* **99**: 59-68.
435. **Law, C., Kavanagh, K. & Whittaker, P. 1994.** Analysis of hybrids of *Candida albicans* formed by protoplast fusion. *FEMS Microbiology Letters* **115**: 77-82.
436. **Legg, A. 2000.** *Panellus stipticus* in Great Britain and Ireland *Field Mycology* **1**: 89-93.
437. **Leonard, N., McCreary, C., Flint, S.F., Mabruk, M.J.E.M.F., Mulcahy, F. & Toner, M. 1997.** Autopsy findings in the tongues of 20 patients with AIDS. *Journal of Oral Pathology and Medicine* **26** (5): 244-247.

438. **Leonard, R., Rice, B., Dowley, L.J. & Ward, S. 2000.** The effect of air assistance on spray deposition and biological effect in the control of *Phytophthora infestans* in potatoes. *Aspects of Applied Biology* No.57: 243-249.
439. **Leong, K.W., Crowley, B., White, B., Crotty, G.M., O'Brian, D.S., Keane, C. & McCann, S.R. 1997.** Cutaneous mucormycosis due to *Absidia corymbifera* occurring after bone marrow transplantation. *Bone Marrow Transplantation* **19** (5): 513-515.
440. **Li Wan Po, A. 1992.** Treatment of vaginal candidiasis. *Pharmaceutical Journal* **249** (6696): i-iv.
441. **Logan, C. 1976.** The spread of *Phoma exigua* within the potato crop. *Annals of Applied Biology* **82**: 169-174.
442. **Logan, C. & Copeland, R.B. 1976.** Potato gangrene – the prospects for the 1976 crop [*Phoma exigua*]. *Agriculture in Northern Ireland* **51** (4): 101-102.
443. **Logan, C., Copeland, R.B. & Little, G. 1976.** The effects of various chemical and physical haulm treatments on the incidence of potato gangrene. *Annals of Applied Biology* **84**: 221-229.
444. **Logan, C., Copeland, R.B. & Little, G. 1977.** Potato tuber disinfection in Northern Ireland. In *Proceedings of a symposium on problems of pest and disease control in Northern Britain*, pp.41-43. Scottish Horticultural Research Institute. Dundee.
445. **Logan, C., Copeland, R.B. & Little, W.G. 1977.** Potato storage disease control. The use of various potato misting machines. *Agriculture in Northern Ireland* **52**: 80-83.
446. **Logan, C., Copeland, R.B. & Little, G. 1978.** Experiments with foliar sprays of thiabendazole and captafol for control of potato gangrene. *Annals of Applied Biology* **89**: 47-50.
447. **Logan, C., Copeland, R.B. & Little, W.G. 1978.** Potato storage disease control. The benefits from applying TB2 mists at harvest. *Agriculture in Northern Ireland* **53**: 89-92.
448. **Logan, C., Copeland, R.B. & Little, W.G. 1978.** The efficacy of selected chemicals applied as mists for control of potato gangrene during storage. *Record of Agricultural Research* **26**: 17-20.
449. **Logan, C., Copeland, R.B. & O'Neill, R. 1978.** A simple method of estimating fungicide coverage on the surfaces of thiabendazole misted tubers. *Record of Agricultural Research* **26**: 83-87.
450. **Logan, C. & Copeland, R.B. 1979.** The effect of time of planting inoculated tubers on the incidence of potato blackleg and gangrene. *Annals of Applied Biology* **93**: 133-140.
451. **Logan, C. & O'Neill, R. 1981.** A study of eggplant infection by the potato gangrene pathogen. *Record of Agricultural Research* **29**: 1-3.
452. **Logan, C., Little, G. & Cooke, L.R. 1984.** Preliminary experiments with biological control of diseases of potato caused by *Rhizoctonia solani* in Northern Ireland. In *Crop protection in Northern Britain 1984*, pp.120-125. Scottish Crop Research Institute. Dundee.

453. **Logan, C., O'Neill, R. & McGrane, P. 1985.** Comparison of various serological methods and isolation media for their selectivity and sensitivity in detecting low numbers of *Erwinia carotovora* in gnotobiotic conditions. *Record of Agricultural Research* **33**: 13-16.
454. **Logan, C., Hossain, M. & Little, G. 1987.** The effect of various levels of nitrogen, phosphate and potash and climatic factors on the incidence of potato blackleg and gangrene. *Record of Agricultural Research* **35**: 17-22.
455. **Logan, C., O'Neill, R., McGrane, P. & Little, G. 1987.** Methods for the detection of the blackleg, ring rot and gangrene pathogens in potato nuclear stock mother tubers and plantlets. *EPPO Bulletin* **17** (1): 17-23.
456. **Logan, M., McLoughlin, R. & Gibney, R.G. 1993.** Aspergilloma complicating cystic fibrosis. [Correspondence] *American Journal of Roentgenology* **161** (3): 674-675.
457. **Lohan, G., Cooke, B.M. & Deadman, M.L. 1984.** Studies on barley net blotch disease caused by *Drechslera teres*. In *Research report 1982-83, Faculty of General Agriculture, University College Dublin*, pp.74-82. University College. Dublin.
458. **Lohan, G. & Cooke, B.M. 1986.** Cultivar screening for susceptibility to net blotch. In *Research report 1984-85, Faculty of General Agriculture, University College Dublin*, pp.173-174. University College. Dublin.
459. **Lohan, G. & Cooke, B.M. 1986.** Colony growth, morphology and spore production in *Drechslera teres*. In *Research report 1984-85, Faculty of General Agriculture, University College Dublin*, pp.174-175. University College. Dublin.
460. **Lohan, G. & Cooke, B.M. 1986.** Alternate hosts for barley net blotch. In *Research report 1984-85, Faculty of General Agriculture, University College Dublin*, pp.175-177. University College. Dublin.
461. **Lotery, A.J., Kerr, J.R. & Page, B.A. 1994.** Fungal keratitis caused by *Scopulariopsis brevicaulis*: successful treatment with topical amphotericin B and chloramphenicol without the need for surgical debridement. *British Journal of Ophthalmology* **78** (9): 730.
462. **Lynch, F.J. & Geoghegan, M.J. 1977.** Production of cercosporin by *Cercospora* species. *Transactions of the British Mycological Society* **69**: 496-497.
463. **Lynch, F.J. & Geoghegan, M.J. 1978.** Environmental regulation of variation in *Cercospora beticola*. *Transactions of the British Mycological Society* **71**: 495-496.
464. **Lynch, F.J. & Geoghegan, M.J. 1979.** Antibiotic activity of a fungal perylene-quinone and some of its derivatives. *Transactions of the British Mycological Society* **72**: 31-37.
465. **Lynch, F.J. & Geoghegan, M.J. 1979.** Regulation of growth and cercosporin photo-induction in *Cercospora beticola*. *Transactions of the British Mycological Society* **73**: 311-327.
466. **Lynch, F.J. & Geoghegan, M.J. 1979.** The role of pigmentation in survival of the leaf spot fungus *Cercospora beticola*. *Annals of Applied Biology* **91**: 313-318.
467. **Lynch, M., O'Leary, J., Murnaghan, D. & Cryan, B. 1998.** *Actinomyces pyogenes* septic arthritis in a diabetic farmer. *Journal of Infection* **37** (1): 71-73.

468. **Lyons, G.A., McKay, G.J. & Sharma, H.S.S. 2000.** Molecular comparison of *Scytalidium thermophilum* isolates using RAPD and ITS nucleotide sequence analyses. *Mycological Research* **104**: 1431-1438.
469. **MacErlean, D.P., Fitzgerald, M.X. & Long, J.P. 1980.** Pulmonary aspergilloma — massive haemoptysis treated by bronchial artery embolization. [Abstract] *Irish Journal of Medical Science* **149**: 408.
470. **Mackenzie, D.W.R., Soothill, J.F. & Millar, J.H.D. 1988.** Meningitis caused by *Absidia corymbifera*. *Journal of Infection* **17** (3): 241-248.
471. **Mackie, D.P., Neill, S.D., Rodgers, S.P. & Logan, E.F. 1987.** Treatment of *Candida krusei* mastitis with sulphamethoxypyridazine. *Veterinary Record* **120**: 48.
472. **MacLachlan, J.B. 1978.** Data on the inheritance of resistance to powdery mildew in the cultivated strawberry. *Scientia Horticulturae* **8** (1): 43-49.
473. **Madden, M., Kennedy, J.D., Hitchcock, H.T. & O'Beirn, D. 1981.** Chronic pulmonary histoplasmosis in an Irishman. *Thorax* **36** (9): 705-706.
474. **Maguire, S., Moriarty, P., Tempany, E. & Fitzgerald, M. 1988.** Unusual clustering of allergic bronchopulmonary aspergillosis in children with cystic fibrosis. *Pediatrics, USA* **82** (6): 835-839.
475. **Malcuit, I., Jong, W. de, Baulcombe, D.C., Shields, D.C. & Kavanagh, T.A. 2000.** Acquisition of multiple virulence/avirulence determinants by potato virus X (PVX) has occurred through convergent evolution rather than through recombination. *Virus Genes* **20** (2): 165-172.
476. **Malone, J.P. & McGimpsey, H.C. 1976.** The control of barley net blotch and brown foot rot by seed treatment. *Record of Agricultural Research* **24**: 17-22.
477. **Malone, J.P. & McGimpsey, H.C. 1977.** Fungicidal control of foliar diseases of barley in Northern Ireland. *Record of Agricultural Research* **25**: 45-52.
478. **Malone, J.P., McGimpsey, H.C. & Breese, D.I. 1977.** Control of barley leaf blotch (*Rhynchosporium secalis*) in Northern Ireland. In *Proceedings of a symposium on problems of pest and disease control in Northern Britain*, pp.14-16. Scottish Horticultural Research Institute. Dundee.
479. **Malone, J.P., McGimpsey, H.C., McIlwaine, R.S. & Binnie, R.C. 1978.** Effect of some fungicides on the yield of grass swards. *Annals of Applied Biology* **90**: 65-71.
480. **Malone, J.P. & McGimpsey, H.C. 1980.** Control of barley leaf stripe with chemical seed treatments, 1979. *Tests of Agrochemicals and Cultivars (Annals of Applied Biology* **94** Supplement): 22.
481. **Malone, J.P., Muskett, A.E. & Sheppard, J.W. (eds) 1997.** *Seed-borne fungi: descriptions of 77 fungus species* (3rd edn). International Seed Testing Association. Zurich.
482. **Mangan, A. 1979.** *Cochliobolus sativus* in Ireland. *Irish Journal of Agricultural Research* **18**: 319-322.
483. **Mangan, A. & Walsh, P.F. 1980.** Some observations on the spread of Dutch elm disease in Ireland, 1978-1979. *Irish Journal of Agricultural Research* **19**: 133-140.

484. **Mangan, A. 1983.** The use of plain water agar for the detection of *Phoma betae* on beet seed. *Seed Science and Technology* **11**: 607-614.
485. **Marchant, R. 1975.** An ultrastructure study of 'phialospore' formation in *Fusarium culmorum* grown in continuous culture. *Canadian Journal of Botany* **53**: 1978-1987.
486. **Mark, G.L. & Cassells, A.C. 1996.** Genotype-dependence on the interaction between *Glomus fistulosum*, *Phytophthora fragariae* and the wild strawberry (*Fragaria vesca*). *Plant and Soil* **185**: 233-239.
487. **Mark, G.L. & Cassells, A.C. 1999.** The effect of dazomet and fosetyl-aluminium on indigenous and introduced arbuscular mycorrhizal fungi in commercial strawberry production. *Plant and Soil* **209**: 253-261.
488. **Martin, C., Roberts, D., Weide, M. van der, Rossau, R., Jannes, G., Smith, T. & Maher, M. 2000.** Development of a PCR-based line probe assay for identification of fungal pathogens. *Journal of Clinical Microbiology* **38** (10): 3735-3742.
489. **Martin, J.S. 1980.** *Mucilago crustacea* Wiggers (Myxomyceta) in Waterford, H6. *Irish Naturalists' Journal* **20**: 78.
490. **Masterton, J.G., Frost, C., Bourke, G.J., Joyce, N.M., Herity, B. & Wilson-Davis, K. 1974.** Anencephaly and potato blight in the Republic of Ireland. *British Journal of Preventive and Social Medicine* **28** (2): 81-84.
491. **Mathys, G. [Chairman] 1981.** Nineteenth report of the working party on phytosanitary regulations. Dublin, 12-14 May 1981. *EPPO Publications, C* no.71
492. **Matthews, M. & Reynolds, J.D. 1992.** Ecological impact of crayfish plaque in Ireland. *Hydrobiologia* **234** (1): 1-6.
493. **Maw, R.D., Horner, T. & Evans, J. 1987.** A comparative trial of bifonazole 1% cream and clotrimazole 1% cream in the treatment of candidal balanoposthitis. *Mykosen* **30** (5): 229-232.
494. **Mawhinney, H., Creswell, S. & Beare, J.M. 1981.** *Pachyonchia congenita* with candidiasis. *Clinical and Experimental Dermatology* **6** (2): 145-149.
495. **McKee, N.D. & Robinson, P.M. 1988.** Production of volatile inhibitors of germination and hyphal extension by *Geotrichum candidum*. *Transactions of the British Mycological Society* **91**: 157-160.
496. **McAree, D. & Mackenzie, R. 1993.** Guarding against potential threats to Irish forests. In J.A. Kavanagh & P. Brennan (eds), *Plant Health and 1992. Proceedings of a seminar held on 8-9 March 1990*, pp.83-94. Royal Irish Academy. Dublin.
497. **McCarthy, G., Fitzgerald, M.X. & Keelan, P. 1988.** The spectrum of pulmonary aspergillosis. *Irish Journal of Medical Science* **157**: 316-320.
498. **McCarthy, J.E., Redmond, H.P., Watson, W., O'Donnell, J.R. & Boucher-Hayes, D. 1993.** Splenectomy predisposes to fungal sepsis through defective phagosome formation. *Journal of Surgical Research* **54** (5): 445-450.
499. **McCluskey, D.R., Evans, J.P. & Mackenzie, D.W.R. 1982.** Isolation of *Cryptococcus neoformans*. [Correspondence] *Lancet* **1** (8282): 1193-1194.
500. **McCracken, A.R. & Logan, C. 1977.** A selective medium for the isolation of *Phoma exigua* var *foveata* from soil. *Record of Agricultural Research* **25**: 71-76.

501. **McCracken, A.R. & Swinburne, T.R. 1979.** Siderophores produced by saprophytic bacteria as stimulants of germination of conidia of *Colletotrichum musae*. *Physiological Plant Pathology* **15**: 331-340.
502. **McCracken, A.R. & Swinburne, T.R. 1980.** Effect of bacteria isolated from the surface of banana fruits on germination of *Colletotrichum musae* conidia. *Transactions of the British Mycological Society* **74**: 212-214.
503. **McCracken, A.R. 1983.** Evaluation on *Phytophthora* spp. rotting of gas-stored apples. *Tests of Agrochemicals and Cultivars* No.4 (*Annals of Applied Biology* **102**, Supplement): 44-45.
504. **McCracken, A.R., Cooke, L.R. & Seaby, D.A. 1983.** The use of fungicidal preparations to treat existing apple cankers caused by *Nectria galligena*. *Record of Agricultural Research* **31**: 7-10.
505. **McCracken, A.R. 1984.** A root-rotting disease of parsley associated with *Pythium paroecandrum*. *Record of Agricultural Research* **32**: 47-53.
506. **McCracken, A.R. 1984.** Control of fungal rotting of gas-stored Bramley's Seedling apples. *Tests of Agrochemicals and Cultivars* No.5 (*Annals of Applied Biology* **104** Supplement): 26-27.
507. **McCracken, A.R. 1984.** *Pythium paroecandrum* associated with a root-rot of parsley. *Plant Pathology* **33**: 603-604.
508. **McCracken, A.R. 1985.** The isolation of *Phytophthora* species from apple orchard soils. *Record of Agricultural Research* **33**: 31-36.
509. **McCracken, A.R. & Cooke, L.R. 1985.** The use of fungicidal paints and gels to treat existing apple cankers. *Annals of Applied Biology* **107**: 417-428.
510. **McCracken, A.R. & Mercer, P.C. (eds) 1990.** *Proceedings of meeting on biological control of pests and diseases 20-21 September 1990, Agriculture and Food Science Centre, Belfast.* Department of Agriculture for Northern Ireland. Belfast.
511. **McCracken, A.R., Dawson, W.M. & Royle, D.J. 1992.** Disease management in *Salix* grown as a renewable energy source. In A.R. McCracken & P.C. Mercer (eds) *Disease management in relation to changing agricultural practice: Belfast 7-9 April 1992*, pp.118-123. Queen's University. Belfast.
512. **McCracken, A.R. & Dawson, M. 1992.** Clonal response in *Salix* to *Melampsora* rusts in short rotation coppice plantations. *European Journal of Forest Pathology* **22**: 19-28.
513. **McCracken, A.R. & Blackshaw, R.P. 1993.** The protection of the Northern Ireland nursery stock industry from harmful organisms. In J.A. Kavanagh & P. Brennan (eds), *Plant Health and 1992. Proceedings of a seminar held on 8-9 March 1990*, pp.55-66. Royal Irish Academy. Dublin.
514. **McCracken, A.R. & Dawson, W.M. 1997.** Using mixtures of willow clones as a means of controlling rust disease. In *Biomass and Energy Crops. Meeting of the Association of Applied Biologists, 7-8 April 1997, Royal Agricultural College, Cirencester.* *Aspects of Applied Biology* No. 49: 97-103.
515. **McCracken, A.R. & Dawson, W.M. 1997.** Growing clonal mixtures of willow to reduce effect of *Melampsora epitea* var. *epitea*. *European Journal of Forest Pathology* **27**: 319-329.

516. **McCracken, A.R. & Dawson, W.M. 1998.** Short rotation coppice willow in Northern Ireland since 1973: development of the use of mixtures in the control of foliar rust (*Melampsora* spp.). *European Journal of Forest Pathology* **28**: 241-250.
517. **McCracken, A.R., Dawson, W.M., Watson, S. & Allen, C.Y. 2000.** Pathotype composition in *Melampsora epitea* populations occurring on willow (*Salix*) grown in mixed and monoculture plantations. *European Journal of Plant Pathology* **106**: 879-886.
518. **McCullough, P. & Crowley, M.P. 1979.** A study of C¹⁴-labelled assimilate distribution in leafroll virus infected potato plants in relation to starch accumulation in the leaves. *Journal of Life Sciences, Royal Dublin Society* **1**: 71-89.
519. **McDermott, M., Tanner, A. & Hourihane, D. 1993.** Abdominal actinomycosis following small intestinal perforation in an umbilical hernia. A case report and review of the literature. *Irish Journal of Medical Science* **162**: 182-183.
520. **McDonald, G.S.A. & Crowe, P. 1988.** Clinicopathological patterns of invasive and superficial fungal infection. *Irish Journal of Medical Science* **157**: 185-190.
521. **McDonald, M.S. 1976.** Effects of leaf roll virus infection on the development of tubers in the potato plant. *Potato Research* **19**: 349-355.
522. **McDonald, M.S. 1977.** Effects of leaf roll virus infection on the amide and amino nitrogen status of bulking tubers of the potato plant. *Scientific Proceedings of the Royal Dublin Society*, A **6**: 9-15.
523. **McDonald, M.S. & O'Driscoll, B.J. 1980.** Aerobiological studies based in Galway. A comparison of pollen and spore counts over two seasons of widely differing weather conditions. *Clinical Allergy* **10** (2): 211-215.
524. **McDonnell, L. & Farrell, M.D. 1981.** The doctor's dilemma: systemic candidiasis. *Irish Journal of Medical Science* **150**: 15-17.
525. **McDonnell, M.B. & Kavanagh, J.A. 1980.** Studies on *Synchytrium endobioticum* (Schilb.) Perc. in Ireland. *Journal of Life Sciences, Royal Dublin Society* **1**: 177-182.
526. **McElhinney, C. & Mitchell, D.T. 1993.** Phosphatase activity of four ectomycorrhizal fungi found in a Sitka spruce-Japanese larch plantation in Ireland. *Mycological Research* **97**: 725-732.
527. **McElhinney, C. & Mitchell, D.T. 1995.** Influence of ectomycorrhizal fungi on the response of Sitka spruce and Japanese larch to forms of phosphorus. *Mycorrhiza* **5**: 409-415.
528. **McGimpsey, H.C. & Malone, J.P. 1979.** Production of apothecia of *Sclerotinia trifoliorum* in the laboratory. *Bulletin of the British Mycological Society* **13** (2): 104.
529. **McGimpsey, H.C. & Malone, J.P. 1981.** The fungal flora of stored undried barley grain with special reference to harmful organisms. *Record of Agricultural Research* **29**: 99-102.
530. **McGimpsey, H.C. & Mercer, P.C. 1984.** Effects of fungicides, including propiconazole and benomyl on clover rot. *Tests of Agrochemicals and Cultivars No.5 (Annals of Applied Biology* **104** Supplement): 52-53.

531. **McGovern, J.G., Jones, D.S. & Gorman, S.P. 1998.** The influence of a non-ionic surfactant on the adherence of *Candida albicans* to human buccal epithelial cells. In *British Pharmaceutical Conference 1998. Science proceedings 135th meeting, 8-11 September 1998, Eastbourne. Journal of Pharmacy and Pharmacology* **50** (supplement): 134.
532. **McGrath, D.S., Kiely, J., Cryan, B. & Bredin, C.P. 1999.** Farmer's lung in Ireland (1983-1996) remains at a constant level. *Irish Journal of Medical Science* **168**: 21-24.
533. **McHugh, R. 1995.** Myxomycete records from the new survey of Clare Island, Co. Mayo, Ireland. *Bulletin of the Irish Biogeographical Society* **18** (2): 132-135.
534. **McHugh, R. 1998.** Corticolous myxomycetes from Glen Mhuire, Co. Wicklow. *Mycologist* **12**: 166-168.
535. **McIlwaine, R.S. & Malone, J.P. 1976.** Effects of chloropicrin soil treatment on the microflora of soil and ryegrass roots and on ryegrass yield. *Transactions of the British Mycological Society* **67**: 113-120.
536. **McKay, G.J. & Cooke, L.R. 1997.** A PCR-based method to characterise and identify benzimidazole resistance in *Helminthosporium solani*. *FEMS Microbiology Letters* **152**: 371-378.
537. **McKay, G.J., Egan, D., Morris, E. & Brown, A.E. 1998.** Identification of benzimidazole resistance in *Cladobotryum dendroides* using a PCR-based method. *Mycological Research* **102**: 671-676.
538. **McKay, G.J., Brown, A.E., Bjourson, A.J. & Mercer P.C. 1999.** Molecular characterization of *Alternaria linicola* and its detection in linseed. *European Journal of Plant Pathology* **105**: 157-166.
539. **McKay, G.J., Egan, D., Morris, E., Scott, C. & Brown, A.E. 1999.** Genetic and morphological characterization of *Cladobotryum* species causing cobweb disease of mushrooms. *Applied and Environmental Microbiology* **65** (2): 606-610.
540. **McKee, N.D. & Robinson, P.M. 1988.** Production of volatile inhibitors of germination and hyphal extension by *Geotrichum candidum*. *Transactions of the British Mycological Society* **91**: 157-160.
541. **McWeeney, J. & Finnegan, P. 1980.** Farmer's lung in two members of a family. [Abstract]. *Irish Journal of Medical Science* **149**: 487.
542. **Meehan, B.M. & Mills, P.R. 1991.** Cell-free translation of carnation latent virus RNA and analysis of virus-specific dsRNA. *Virus Genes* **5** (2): 175-181.
543. **Meehan, B.M. & Mills, P.R. 1991.** Nucleotide sequence of the 3'-terminal region of carnation latent virus. *Intervirology* **32** (4): 262-267.
544. **Melinn, M. & McLaughlin, H. 1989.** Farmer's lung: a three year survey and comparison of ELISA and CIEP techniques in antibody detection. *Irish Journal of Medical Science* **158** (7): 173-174.
545. **Melinn, M. & McLaughlin, H. 1992.** Comparison of methods of production of farmer's lung antigens. *International Archives of Allergy and Applied Immunology* **99** (1): 56-62.

546. **Mercer, P.C., Malone, J.P. & McGimpsey, H.C. 1982.** Research on the control of foliar diseases of spring barley in Northern Ireland, 1976-81. *Record of Agricultural Research* **30**: 15-23.
547. **Mercer, P.C., McGimpsey, H.C. & Malone, J.P. 1983.** A survey of physiologic races of barley mildew in Northern Ireland 1978-82. *Record of Agricultural Research* **31**: 31-37.
548. **Mercer, P.C. & McGimpsey, H.C. 1983.** Evaluation of fungicide spray and seed dressing on three spring barley cultivars in Northern Ireland. *Tests of Agrochemicals and Cultivars (Annals of Applied Biology* **102** Supplement): 52-53.
549. **Mercer, P.C. & McGimpsey, H.C. 1984.** Cereal diseases in Northern Ireland and their control. In *Crop Protection in Northern Britain 1984*, pp.55-59. Scottish Crop Research Institute. Dundee.
550. **Mercer, P.C. & McGimpsey, H.C. 1985.** Mildew of spring barley in Northern Ireland, 1982-84 – I. Effect of fungicides and cultivars. *Record of Agricultural Research* **33**: 37-42.
551. **Mercer, P.C. & McGimpsey, H.C. 1985.** Mildew of spring barley in Northern Ireland 1982-84 – II. Effect of timing and rates of fungicide sprays. *Record of Agricultural Research* **33**: 43-48.
552. **Mercer, P.C., McGimpsey, H.C. & Malone, J.P. 1986.** Surveys of diseases of spring barley in Northern Ireland. *Record of Agricultural Research* **34**: 17-27.
553. **Mercer, P.C. 1988.** Biological control of decay fungi in wood. In *Biocontrol of Plant Diseases*, **1**: 177-178. CRC press, Inc., Boca Raton, Florida, USA.
554. **Mercer, P.C., Mills, P.R. & McGimpsey, H.C. 1989.** Incidence of barley yellow dwarf virus in Northern Ireland. *Irish Journal of Agricultural Research* **28**: 177-189.
555. **Mercer, P.C. & Papadopolous, S. 1990.** Biological control of seed-borne diseases of linseed. In A.R. McCracken & P.C. Mercer (eds), *Proceedings of meeting on biological control of pests and diseases 20-21 September 1990, Agriculture and Food Science Centre, Belfast*, pp.19-26. Department of Agriculture for Northern Ireland. Belfast.
556. **Mercer, P.C. & Hardwick, N.V. 1991.** Control of seed-borne diseases of linseed. *Aspects of Applied Biology* No. 28: 71-77.
557. **Mercer, P.C., Hardwick, N.V., Fitt, B.D.L. & Sweet, J.B. 1991.** Status of Diseases of Linseed in the UK. *HGCA Oilseeds Research Review* No. OS3 .
558. **Mercer, P.C., Ruddock, A. & McGimpsey, H.C. 1992.** Evaluation of iprodione and *Trichoderma viride* against *Alternaria linicola*. *Tests of Agrochemicals and Cultivars* No.13 (*Annals of Applied Biology* **120** Supplement): 20-21.
559. **Mercer, P.C., Ruddock, A. & McGimpsey, H.C. 1992.** Effect of a single fungicide spray on a range of linseed cultivars. *Tests on Agrochemicals and Cultivars* No.13 (*Annals of Applied Biology* **120** Supplement): 74-75.
560. **Mercer, P.C., Ruddock, A., Fitt, B.D.L. & Harold, J.F.S. 1992.** Linseed diseases in the UK and their control. In *Brighton Crop Protection Conference, Pests and Diseases —1992*, **3**: 921-930. British Crop Protection Council. Farnham.

561. **Mercer, P.C. & Hardwick, N.V. 1993.** Chemical control of seedborne diseases of linseed in the UK. *Bulletin OILB/SROP* **16** (9): 73-83.
562. **Mercer, P.C., Ruddock, A., Mee, E. & Papadopolous S. 1993.** Biological control of *Alternaria* disease of linseed and oilseed rape. *Bulletin OILB/SROP* **16** (9): 89-99.
563. **Mercer, P.C. & Hardwick, N.V. 1993.** Methods of control of diseases of linseed.. In G.H. Williams (compiler), *Crop Production in Northern Britain 1993. Proceedings of a conference held at Dundee University, 23-25 March*, pp.165-170. Scottish Crop Research Institute. Dundee.
564. **Mercer, P.C., Hardwick, N.V., Fitt, B.D.L. & Sweet, J.B. 1994.** Diseases of linseed in the United Kingdom. *Plant Varieties and Seeds* **7**: 135-150.
565. **Mercer, P.C. & Rudduck, A. 1996.** The effect of variety and fungicide on yield and the incidence of pathogens on linseed in Northern Ireland. *Plant Varieties and Seeds* **9**: 101-110.
566. **Mercer, P.C. & Ruddock, A. 1997.** The effect of a single fungicide spray on yield and the control of disease of perennial ryegrass in an extended grazing regime. *Tests of Agrochemicals and Cultivars* No.18 (*Annals of Applied Biology* **130** Supplement): 14-15.
567. **Mercer, P.C. & Ruddock, A. 1998.** Evaluation of azoxystrobin and a range of conventional fungicides on yield, *Septoria tritici* and senescence in winter wheat. *Tests of Agrochemicals and Cultivars* No.19 (*Annals of Applied Biology* **132** Supplement): 24-25.
568. **Mills, P.R. & Ahmed, A.H. 1984.** Host range and properties of cucumber mosaic virus (CMV-Su) infecting *Vicia faba* in Sudan. *FABIS Newsletter* No.9: 31-33.
569. **Mills, P.R. 1985.** Some properties of an isolate of tobacco rattle virus from Northern Ireland. *Annals of Applied Biology* **107**: 455-461.
570. **Mills, P.R. 1987.** Comparison of cDNA hybridisation and other tests for the detection of potato mop-top virus. *Potato Research* **30**: 319-327.
571. **Mills, P.R. 1987.** Infection of *Capsicum frutescens* with potato virus Y^N and tobacco etch virus in the Sudan. *Plant Disease* **71** (6): 557.
572. **Mills, P.R. 1990.** Genetic engineering and biocontrol of plant viruses. In A.R. McCracken & P.C. Mercer (eds), *Proceedings of meeting on biological control of pests and diseases, 20-21 September 1990, Agriculture and Food Centre, Belfast*, pp.57-59. Department of Agriculture for Northern Ireland. Belfast.
573. **Mills, P.R., Hodson, A. & Brown, A.E. 1992.** Molecular differentiation of *Colletotrichum gloeosporioides* isolates infecting tropical fruits. In J.A. Bailey & M.J. Jeger (eds), *Colletotrichum : biology, pathology and control*, pp.269-288. CAB International. Wallingford. UK.
574. **Mills, P.R., Sreenivasaprasad, S. & Brown, A.E. 1992.** Detection and differentiation of *Colletotrichum gloeosporioides* isolates using PCR. *FEMS Microbiology Letters* **98**: 137-143.
575. **Mitchel, D. & Wright, M. 1999.** *Bolete (Boletaceae) and Amanitaceae survey (1995-1996) of Co. Down, Northern Ireland.* Environment and Heritage Service Research and Development series No.99/1.

576. **Mitchel, D. & Wright, M. 2000.** A systematic approach to recording fungi in an 'unknown' area. *Field Mycology*, **1**: 32-37.
577. **Mitchell, D.T., Sweeney, M. & Kennedy, A. 1992.** Chitin degradation by *Hymenoscyphus ericae* and the influence of *H. ericae* on the growth of ectomycorrhizal fungi. In D.J. Read, D.H. Lewis, A. Fitter & I.J. Alexander (eds), *Mycorrhizas in Ecosystems*, pp.246-251. CAB International. Oxford. UK.
578. **Mitchell, D.T. 1993.** Mycorrhizal associations. In D. Gareth Jones (ed.), *Exploitation of microorganisms*, pp.169-196. Chapman & Hall. London.
579. **Mitchell, E. (ed.) 1996.** *Survey of aflatoxin M₁ in milk powder. Food safety in Northern Ireland.* Surveillance Bulletin No. 6. Department of Agriculture for Northern Ireland. Belfast.
580. **Mohr, F. & Curran, P.M.T. 1998.** Marine fungi from the west coast of Ireland. [Abstract]. *Biology and Environment: Proceedings of the Royal Irish Academy*. **98B**: 59-60.
581. **Molloy, W., Foley, B.V. & Buckley, D.B. 1981.** Incidence and diagnosis of dermatophyte fungal diseases in Cork city and county. *Irish Journal of Medical Science* **150**: 178-181.
582. **Moore, C. & Fuller, H. 1998.** Influence of osmotic potential on mycelial growth and chlamydospore germination of *Donkioportia expansa*. [Abstract]. *Biology and Environment: Proceedings of the Royal Irish Academy*, **98B**: 60.
583. **Moore, R.T. 1989.** Alicean taxonomy — small characters made large. *Botanical Journal of the Linnean Society* **99** (1): 59-79.
584. **Moore, R.T. 1989.** *Ceratorhiza oryzae-sativae*, a new combination for the anamorph of *Ceribasidium setariae*. *Antonie van Leeuwenhoek* **55** (4): 393-395.
585. **Moore, R.T. & Flinn, A.M. 1991.** Uliquinone and urease distribution in *Taphrina* and *Symbiotaphrina*. *Antonie van Leeuwenhoek* **59** (1): 45-47.
586. **Moore, R.T. 1992.** The genus *Bauhinus* gen. nov.: for species of *Ustilago* on dicot hosts. *Mycotaxon* **45**: 97-100.
587. **Moore, R.T. 1996.** An inventory of the phylum Ustomycota. *Mycotaxon* **59**: 1-31.
588. **Moran, G.P., Sullivan, D.J., Henman, M.C., McCreary, C.E., Harrington, B.J., Shanley, D.B. & Coleman, D.C. 1997.** Antifungal drug susceptibilities of oral *Candida dubliniensis* isolates from human immunodeficiency virus (HIV)-infected and non-HIV-infected subjects and generation of stable fluconazole-resistant derivatives *in vitro*. *Antimicrobial Agents and Chemotherapy* **41** (3): 617-623.
589. **Moran, G.P., Sanglard, D., Donnelly, S.M., Shanley, D.B., Sullivan, D.J. & Coleman, D.C. 1998.** Identification and expression of multidrug transporters responsible for fluconazole resistance in *Candida dubliniensis*. *Antimicrobial Agents and Chemotherapy* **42** (7): 1819-1830.
590. **Moriello, K. A. 1999.** Treatment of dermatophytosis in dogs and cats: an update. *Irish Veterinary Journal* **52**: 211-218.
591. **Morris, E. & Kavanagh, J.A. 1986.** Strawberry 'red core' disease: *Phytophthora fragariae*. In *Research report 1984-85, Faculty of General Agriculture, University College Dublin*, pp.160-161. University College. Dublin.

592. **Morris, E., Doyle, O. & Clancy, K.J. 1995.** A profile of *Trichoderma* species I — mushroom compost production. In T.J. Elliott (ed.), *Science and Cultivation of Edible Fungi. Proceedings of the 14th International Congress, Oxford, 17-22 September 1995*, 2: 611-618. A.A. Balkema. Rotterdam, Netherlands.
593. **Morris, E., Doyle, O. & Clancy, K.J. 1995.** A profile of *Trichoderma* species II — mushroom growing units. In T.J. Elliott (ed.), *Science and Cultivation of Edible Fungi. Proceedings of the 14th International Congress, Oxford, 17-22 September 1995*, 2: 619-625. A.A. Balkema. Rotterdam. Netherlands.
594. **Morris, E., Harrington, O., Doyle, O.P.E. & Clancy, K.J.C. 2000.** Green mould disease — the study of survival and dispersal characteristics of the weed mould *Trichoderma*, in the Irish mushroom industry. In L.J.L.D. van Griesven (ed.) *Science and Cultivation of Edible Fungi. Proceedings of the 15th International Congress, Maastricht, Netherlands, 15-19 May 2000*, pp.645-651. A.A. Balkema. Rotterdam. Netherlands.
595. **Moynihan, D. & Jones, P. 1998.** Isolation and analysis of induced wheat mutants with increased resistance to *Stagonospora nodorum* and *Septoria tritici*. [Abstract] *Biology and Environment: Proceedings of the Royal Irish Academy* 98B: 61.
596. **Moëgne-Loccoz, Y., Powell, J., Higgins, P., McCarthy, J. & O’Gara, F. 1998.** An investigation of the impact of biocontrol *Pseudomonas fluorescens* F113 on the growth of sugarbeet and the performance of subsequent clover-*Rhizobium* symbiosis. *Applied Soil Ecology* 7 (3): 225-237.
597. **Moëgne-Loccoz, Y., Naughton, M., Higgins, P., Powell, J., O’Connor, B. & O’Gara, F. 1999.** Effect of inoculum preparation and formulation on survival and biocontrol efficacy of *Pseudomonas fluorescens* F113. *Journal of Applied Microbiology* 86: 108-116.
598. **Mukherjee, G. & Mercer, P.C. 1994.** Development of immunolabelling tools to study interactions between microorganisms in the biocontrol of seed-borne diseases of linseed. In *Brighton Crop Protection Conference, Pests and Diseases – 1994*, 2: 937-938. British Crop Protection Council. Farnham.
599. **Mullin, J. 1990.** A note on determining the reliability of sample size for assessing disease in stored potato tubers. *Irish Journal of Agricultural Research* 29: 141-144.
600. **Mullins, E., Quinlan, C. & Jones, P. 1995.** Analysis of mechanisms of partial physiological resistance to *Sclerotinia sclerotiorum* using induced mutants of *Brassica napus*. In *Physiological responses of plants to pathogens, 11-13 September 1995 University of Dundee, Scotland. Aspects of Applied Biology* No. 42: 307-314.
601. **Mullins, E., Quinlan, C. & Jones, P. 1999.** Isolation of mutants exhibiting altered resistance to *Sclerotinia sclerotiorum* from small M₂ populations of an oilseed rape (*Brassica napus*) variety. *European Journal of Plant Pathology* 105: 465-475.
602. **Mumpuni, A., Sharma, H.S.S. & Brown, A.E. 1998.** Effect of metabolites produced by *Trichoderma harzianum* biotypes and *Agaricus bisporus* on their respective growth radii in culture. *Applied and Environmental Microbiology* 64 (12): 5053-5056.
603. **Murnaghan, S., Silke, B., Hanson, S., Carmody, M. & O’Dwyer, W.F. 1979.** Opportunistic lung infection following renal transplantation. *Irish Medical Journal* 72: 257-260.

604. **Murphy, A. & Kavanagh, K. 1999.** Emergence of *Saccharomyces cerevisiae* as a human pathogen. Implications for biotechnology. *Enzyme and Microbial Technology* **25** (7): 551-557.
605. **Murphy, J.G. & Cassells, A.C. 1998.** The behaviour of *Glomus mossae* spores for use in *in vitro* mycorrhization. [Abstract] *Biology and Environment: Proceedings of the Royal Irish Academy*. **98B**: 62.
606. **Murphy, J.G., Duffy, E.M. & Cassells, A.C. 2000.** The establishment of gnotobiotic cultures: investigation of the mycorrhizal-host interaction with flavenoids *in vitro*. In *International symposium on methods and markers for quality assurance in micropropagation, Cork, Ireland, 24-27 August 1999*. *Acta Horticulturae* No.530: 345-351.
607. **Murphy, J.G., Rafferty, S.M. & Cassells, A.C. 2000.** Stimulation of wild strawberry (*Fragaria vesca*) arbuscular mycorrhizas by addition of shellfish waste to the growth substrate: interaction between mycorrhization, substrate amendment and susceptibility to red core (*Phytophthora fragariae*). *Applied Soil Ecology* **15** (2): 153-158.
608. **Murphy, M. & Barnes, L. 1998.** Terbinafine-induced lupus erythematosus. [Correspondence] *British Journal of Dermatology* **138** (4): 708-709.
609. **Muskett, A.E. 1976.** Mycology and plant pathology in Ireland. *Proceedings of the Royal Irish Academy*, **76B**: 393-472.
610. **Muskett, A.E. & Malone, J.P. 1978.** Catalogue of Irish fungi – I. Gasteromycetes. *Proceedings of the Royal Irish Academy* **78B**: 1-11.
611. **Muskett, A.E. & Malone, J.P. 1980.** Catalogue of Irish fungi – II Hymenomycetes. *Proceedings of the Royal Irish Academy* **80B**: 197-276.
612. **Muskett, A.E. & Malone, J.P. 1980.** Catalogue of Irish Fungi – III. Teliomycetes. *Proceedings of the Royal Irish Academy* **80B**: 343-366.
613. **Muskett, A.E. & Malone, J.P. 1983.** Catalogue of Irish fungi – IV Ascomycotina *Proceedings of the Royal Irish Academy*, **83B**: 151-213.
614. **Muskett, A.E. & Malone, J.P. 1984.** Catalogue of Irish fungi – V. Mastigomycotina and Zygomycotina. *Proceedings of the Royal Irish Academy*, **84B**: 83-102.
615. **Muskett, A.E. & Malone, J.P. 1985.** Catalogue of Irish fungi – VI. Deuteromycotina. *Proceedings of the Royal Irish Academy* **85B**: 133-200.
616. **Muthumeenakshi, S., Mills, P.R., Brown, A.E. & Seaby, D.A. 1994.** Intraspecific molecular variation among *Trichoderma harzianum* isolates colonizing mushroom compost in the British Isles. *Microbiology* **140**: 769-777.
617. **Muthumeenakshi, S., Brown, A.E. & Mills, P.R. 1998.** Genetic comparison of the aggressive weed mould strains of *Trichoderma harzianum* from mushroom compost in North America and the British Isles. *Mycological Research* **102**: 385-390.
618. **Nakib, T.A., Bezjak, V., Rashid, S., Fullam, B. & Meegan, M.J. 1991.** The synthesis and antifungal activity of 2-amino-4-aryl-4*H*,5*H*-[1]benzothiopyranol[4,3-*b*]pyran-3-carbonitriles and 2-alkoxy-4-aryl-5*H*-[1]benzothiopyranol[4,3-*b*]pyridine-3-carbonitriles. *European Journal of Medicinal Chemistry* **26** (2): 221-230.
619. **Napier, S.S., MacDonald, D.G. & Lamey, P.J. 1996.** Cheilocandidosis in an adult. *British Dental Journal* **181** (9): 336-338.

620. **Nelson, E.C. 1983.** David Moore, Miles J. Berkeley and scientific studies of potato blight in Ireland, 1845-1847. *Archives of Natural History* **11** (2): 249-261.
621. **Nelson, E.C. 1995.** The cause of the calamity: the discovery of the potato blight in Ireland, 1845-1847, and the role of the National Botanic Gardens, Glasnevin, Dublin. In L.J. Dowley, E. Bannon, L.R. Cooke, T. Keane & E. O'Sullivan (eds), *Phytophthora infestans 150. Proceedings of pathology section meeting of the European association for potato research, Trinity College Dublin, 10-16 September 1995*, pp.1-11. Teagasc, Oak Park Research Centre. Carlow.
622. **Nolan, M.T., Long, J.P., MacErlean, D.P. & FitzGerald, M.X. 1985.** Aspergillomas and lung fibrosis – a review of cases in a general hospital. *Irish Journal of Medical Science* **154**: 336-342.
623. **Nolan, S., Cooke, B.M. & Monahan, F.J. 1999.** Studies on the interaction between *Septoria tritici* and *Stagonospora nodorum* in wheat. *European Journal of Plant Pathology* **105**: 917-925.
624. **Nordt, S.P., Manoguerra, A. & Clark, R.F. 2000.** Five-year analysis of mushroom exposures in California. *Western Journal of Medicine* **173** (5): 314-317.
625. **Ó Riordáin, F. & O' Callaghan, T.F. 1976.** The susceptibility of blackcurrant cultivars to leaf spot caused by *Pseudopeziza ribes* Kleb. In *Symposium on breeding and machine harvesting of Rubus and Ribes. Acta Horticulturae* No. 60: 205-213.
626. **Ó Riordáin, F. 1979.** Powdery mildew, caused by *Oidium begoniae*, of *Elatior begonia* – fungicide control and cultivar reaction. *Plant Disease Reporter* **63**: 919-922.
627. **Ó Riordáin, F. & Kennedy, D. 1981.** A comparison of 11 fungicides for control of powdery mildew (*Sphaerotheca mors-uvae*) of gooseberry. In *Proceedings of the 1981 British Crop Protection Conference, Brighton, England, 16-19 November 1981. Pest and disease control in fruit and hops. 2*: 555-561. British Crop Protection Council. London.
628. **O'Brien, J. & Dean, G. 1982.** Farmer's lung disease: an evaluation of health education in the north-west of Ireland. *Irish Medical Journal* **75**: 359-361.
629. **O'Connell, B., Coleman, D.C., Bennett, D., Sullivan, D., McCann, S.R. & Keane, C.T. 1995.** An epidemiological study of *Candida* species infection in cancer patients using genetic fingerprinting and morphotyping. *Journal of Hospital Infection* **31** (3): 211-217.
630. **O'Connell, T. & Bolger, T. 1997.** Fungal fruiting bodies and the structure of fungus-microarthropod assemblages. *Proceedings of the Royal Irish Academy* **97B**: 249-262.
631. **O'Connor, J.P. & O'Connor, M.A. 2000.** Notes on the fungus *Taphrina amentorum* in Ireland. *Cecidology* **15** (1): 10.
632. **O'Donnell, B., Powell, F., Hone, R. & O'Loughlin, S. 1990.** Kerion – clinical spectrum in nine cases. *Irish Journal of Medical Science* **159**: 14-18.
633. **O'Dowd, N.A. & Richardson, D.H.S. 1994.** Production of tumours and roots by *Ephedra* following *Agrobacterium rhizogenes* infection. *Canadian Journal of Botany* **72**: 203-207.
634. **O'Driscoll, B.J. & English, M.P. 1976.** Familial favus. *Journal of the Irish Medical Association* **69**: 484-487.

635. **O'Neill, J.J.M. & Mitchell, D.T. 1999.** *Glomus claroideum* an arbuscular mycorrhizal fungus new to Ireland, and its distribution in an Irish tree nursery. *Proceedings of the Royal Irish Academy* **99B**: 197-203.
636. **O'Neill, J.J.M. & Mitchell, D.T. 2000.** Effects of benomyl and captan on growth and mycorrhizal colonization of Sitka spruce (*Picea sitchensis*) and ash (*Fraxinus excelsior*) in Irish nursery soil. *Forest Pathology* **30**: 165-174.
637. **O'Neill, K., Damoglou, A.P. & Patterson, M.F. 1991.** Sensitivity of some common grain fungi to irradiation on grain and in phosphate-buffered saline. *Letters in Applied Microbiology* **12** (5): 180-183.
638. **O'Neill, K., Damoglou, A.P. & Patterson, M.F. 1993.** The stability of deoxynivalenol and 3-acetyl deoxynivalenol to gamma irradiation. *Food Additives and Contaminants* **10** (2): 209-215.
639. **O'Neill, K., Damoglou, A.P. & Patterson, M.F. 1993.** Toxin production by *Fusarium culmorum* IMI 399344 and *F. graminearum* NRRL 5883 on grain substrates. *Journal of Applied Bacteriology* **74**: 625-628.
640. **O'Neill, K., Damoglou, A.P. & Patterson, M.F. 1996.** The influence of gamma radiation and substrate on mycotoxin production by *Fusarium culmorum* IMI 309344. *Journal of Applied Bacteriology* **81**: 518-524.
641. **O'Neill, R. & Logan, C. 1975.** A comparison of various selective isolation media for their efficiency in the diagnosis and enumeration of soft rot coliform bacteria. *Journal of Applied Bacteriology* **39**: 139-146.
642. **O'Reilly, P. & Downes, M.J. 1986.** Form of survival of *Septoria nodorum* on symptomless winter wheat. *Transactions of the British Mycological Society* **86**: 381-385.
643. **O'Reilly, P., Downes, M.J. & Bannon, E. 1986.** Early detection and control of *Septoria nodorum* in winter wheat. In *British Crop Protection Conference—1986, Pests and Diseases* **3**: 1035-1039. British Crop Protection Council. Thornton Heath.
644. **O'Reilly, P., Bannon, E. & Downes, M.J. 1987.** *Leptosphaeria nodorum* on wheat in Ireland. *Plant Pathology* **37**: 153-154.
645. **O'Reilly, P., Bannon, E. & Doyle, A. 1988.** Timing of fungicide application in relation to the development of *Septoria nodorum* in winter wheat. In *Brighton Crop Protection Conference—1988, Pests and Diseases* **3**: 929-934. British Crop Protection Council. Thornton Heath.
646. **O'Reilly, S., Hartley, P., Jeffers, M., Casey, E. & Clancy, L. 1994.** Invasive pulmonary aspergillosis associated with low dose methotrexate therapy for rheumatoid arthritis: a case report of treatment with itraconazole. *Tubercle and Lung Disease* **75** (2): 153-155.
647. **O'Rourke, C.J. 1976.** *Diseases of grasses and forage legumes in Ireland.* An Foras Talúntais (The Agricultural Institute). Dublin.
648. **O'Shaughnessy, D.M. 1989.** Clinical experience with fluconazole in general practice. In R.G. Richardson (ed.), *Fluconazole and its role in vaginal candidiasis. Proceedings of a symposium held in London, 11th October 1988*, pp.27-28. Royal Society of Medicine Services. London.

649. **O'Shea, N. & Thornton, H.G. 1984.** *Seiridium cardinale* (Wagener) Sutton and Gibson (*Coryneum cardinale*) on *Cupressus macrocarpa* in Ireland. *Irish Naturalists' Journal* **21**: 368.
650. **O'Sullivan, D.J. & O'Gara, F. 1991.** Genetic improvement of siderophore production aimed at enhancing biocontrol in *Pseudomonas* strains. In D.L. Keister & P.B. Cregan (eds), *The rhizosphere and plant growth* No.14: 310. Beltsville Symposia in Agricultural Research 14. USA.
651. **O'Sullivan, D.J. & O'Gara, F. 1992.** Traits of fluorescent *Pseudomonas* spp. involved in suppression of plant root pathogens. *Microbiological Reviews* **56** (4): 662-676.
652. **O'Sullivan, E. & Dowley, L.J. 1983.** Physiological specialisation in strains of *Phytophthora infestans* sensitive and resistant to metalaxyl. *Irish Journal of Agricultural Research* **22**: 105-107.
653. **O'Sullivan, E. 1985.** *Polymyxa betae* in Ireland. *Irish Journal of Agricultural Research* **24**: 125-126.
654. **O'Sullivan, E. & Kavanagh, J.A. 1990.** Damping-off of sugar beet caused by *Rhizoctonia cerealis*. *Plant Pathology* **39**: 202-205.
655. **O'Sullivan, E. & Dowley, L.J. 1991.** A note on the occurrence of the A2 mating type and self-fertile isolates of *Phytophthora infestans* in the Republic of Ireland. *Irish Journal of Agricultural Research* **30**: 67-69.
656. **O'Sullivan, E. & Kavanagh, J.A. 1991.** Characteristics and pathogenicity of isolates of *Rhizoctonia* spp. associated with damping-off of sugar beet. *Plant Pathology* **40**: 128-135.
657. **O'Sullivan, E. & Kavanagh, J.A. 1992.** Characteristics and pathogenicity of *Pythium* spp. associated with damping-off of sugar beet in Ireland. *Plant Pathology* **41**: 582-590.
658. **O'Sullivan, E. 1993.** Rhizomania: a threat to the sugar beet industry. In J.A. Kavanagh & P. Brennan (eds), *Plant Health and 1992. Proceedings of a seminar held on 8-9 March 1990*, pp.107-115. Royal Irish Academy. Dublin.
659. **O'Sullivan, E., Cooke, L.R., Dowley, L.J. & Carlisle, D.J. 1995.** Distribution and significance of the A2 mating type of *Phytophthora infestans* in Ireland. In L.J. Dowley, E. Bannon, L.R. Cooke, T. Keane & E. O'Sullivan (eds), *Phytophthora infestans 150. Proceedings of pathology section meeting of the European association for potato research, Trinity College Dublin, 10-16 September 1995*, pp.232-238. Teagasc, Oak Park Research Centre. Carlow.
660. **O'Sullivan, E. 1996.** Effect of fungicides on the incidence of rust disease, root yield and sugar content in sugar beet. *Irish Journal of Agricultural and Food Research* **35**: 159-164.
661. **O'Sullivan, E. 1997.** Responses of sugar beet cultivars to the control of rust (*Uromyces betae*). *Irish Journal of Agricultural and Food Research* **36**: 175-184.
662. **O'Sullivan, M., Stephens, P.M. & O'Gara, F. 1990.** Interactions between the soil-borne bacteriophage Fo-1 and *Pseudomonas* spp. on sugarbeet roots. *FEMS Microbiology Letters* **68**: 329-333.

663. **O'Sullivan, M., Stephens, P.M. & O'Gara, F. 1991.** Extracellular protease production by fluorescent *Pseudomonas* spp. and the colonization of sugarbeet roots and soil. *Soil Biology and Biochemistry* **23**: 623-627.
664. **Ong, Y.L. & Jones, F.G.C. 1998.** A cluster of suspected *Pneumocystis carinii* pneumonia following intensive chemotherapy in a Belfast haematology unit. *Ulster Medical Journal* **67**: 104-109.
665. **Pamies, P. & Dobson, A.D.W. 1997.** Antifungal effect of *Lactobacillus plantarum* against *Fusarium graminearum*. [Abstract] *Irish Journal of Agricultural and Food Research* **36**: 257.
666. **Park, D. 1977.** *Pythium fluminum* sp. nov. with one variety and *P. uladhum* sp. nov. from cellulose in fresh-water habitats. *Transactions of the British Mycological Society* **69**: 225-231.
667. **Park, D. & McKee, W. 1978.** Cellulolytic *Pythium* as a component of the river mycoflora. *Transactions of the British Mycological Society* **71**: 251-259.
668. **Park, D. 1980.** A two-year study of numbers of cellulolytic *Pythium* in river water. *Transactions of the British Mycological Society* **74**: 253-258.
669. **Park, D. 1980.** A method for isolating pigmented cellulolytic *Pythium* from soil. *Transactions of the British Mycological Society* **75**: 491-492.
670. **Park, D. 1982.** Phylloplane fungi: tolerance of hyphal tips to drying. *Transactions of the British Mycological Society* **79**: 174-178.
671. **Park, D. 1983.** Assay systems for the study of yeast-mycelial dimorphism. *Transactions of the British Mycological Society* **81**: 168-172.
672. **Patterson, M.F. & Damoglou, A.P. 1985.** Identification and potential toxicity of fungi isolated from mould-spoiled foods. *Record of Agricultural Research* **33**: 49-55.
673. **Patterson, M. & Damoglou, A.P. 1986.** The effect of water activity and pH on the production of mycotoxins by fungi growing on a bread analogue. *Letters in Applied Microbiology* **3** (6): 123-125.
674. **Patterson, M.F. & Damoglou, A.P. 1987.** Conversion of the mycotoxin citrinin into dihydrocitrinone and ochratoxin A by *Penicillium viridicatum*. *Applied Microbiology and Biotechnology* **26**: 574-578.
675. **Patton, A.M. & Marchant, R. 1978.** A mathematical analysis of dolipore/parenthesome structure in basidiomycetes. *Journal of General Microbiology* **109**: 335-349.
676. **Pinjon, E., Sullivan, D., Salkin, I., Shanley, D. & Coleman, D. 1998.** Simple, inexpensive, reliable method for differentiation of *Candida dubliniensis* and *Candida albicans*. *Journal of Clinical Microbiology* **36** (7): 2093-2095.
677. **Porter, K.G., Sinnamon, D.G. & Gillies, R.R. 1977.** *Cryptococcus neoformans* – specific oligoclonal immunoglobulins in cerebrospinal fluid in cryptococcal meningitis. *Lancet* **1** (8024): 1262.
678. **Power, S.B. & Malone, A. 1987.** An outbreak of ringworm in sheep in Ireland caused by *Trichophyton verrucosum*. *Veterinary Record* **121**: 218-220.
679. **Prakash, J. & Foxe, M.J. 1983.** Monitoring potato virus X infection in isolated potato protoplasts. *Indian Journal of Plant Pathology* **1** (1): 10-14.

680. **Prakash, J. & Foxe, M.J. 1983.** The use of isolated protoplasts to investigate virus resistance. In A.C. Cassells & J.A. Kavanagh (eds), *Plant tissue culture in relation to biotechnology. Proceedings of a seminar on 22-23 February 1982*, pp.39-53. Royal Irish Academy. Dublin.
681. **Prakash, J. & Foxe M.J. 1985.** Optimisation of conditions for infection of isolated potato protoplasts with potato virus X. *Archives of Virology* **85** (3/4): 269-280.
682. **Quigley, T.A., Kelly, C.T., Doyle, E.M. & Fogarty, W.M. 1998.** Patterns of raw starch digestion by the glucoamylase of *Cladosporium gossypiiicola* ATCC 38026. *Process Biochemistry* **33** (6): 677-681.
683. **Quinn, J.P., Patton, A.M. & Marchant, R. 1981.** Sporulation of *Geotrichum candidum* in submerged culture. *Transactions of the British Mycological Society* **77**: 627-635.
684. **Quinn, C.M., Bugeja, V.C., Gallagher, J.A. & Wittaker, P.A. 1990.** The effect of mycophenolic acid on the cell cycle of *Candida albicans*. *Mycopathologia* **111** (3): 165-168.
685. **Rafferty, B., Dowding, P. & McGee, E.J. 1994.** Fungal spores in faeces as evidence of fungus ingestion by sheep. *Science of the Total Environment* **157**: 317-321.
686. **Rafferty, B., Dowding, P. & Dawson, D. 1999.** Fallout ¹³⁷Cs and natural ⁴⁰K in fungal fruitbodies in Ireland. *Irish Journal of Agricultural and Food Research* **38**: 101-112.
687. **Reen, D.J. 1988.** Assessment of immunoblotting in the investigation of specific immune responses during infection. *Biochemical Society Transactions* **16** (2): 132-134.
688. **Reid, M., Rollins, N., Halliday, H. & McClure, G. 1991.** Systemic neonatal candidiasis. *Ulster Medical Journal* **60**: 35-38.
689. **Reynolds, J.D. 1988.** Crayfish extinctions and crayfish plague in central Ireland. *Biological Conservation* **45** (4): 279-285.
690. **Rhodes, D.T. & Logan, C. 1984.** Methods for assessing bacterial density on potato tubers. *Potato Research* **27**: 419-422.
691. **Rhodes, D.J. & Logan, C. 1986.** Antagonistic activity of fluorescent *Pseudomonas* isolates from Northern Ireland towards potato pathogens. *Record of Agricultural Research* **34**: 43-46.
692. **Rhodes, D.J. & Logan, C. 1986.** Effects of fluorescent pseudomonads on the potato blackleg syndrome. *Annals of Applied Biology* **108**: 511-518.
693. **Rhodes, D.J. & Logan, C. 1987.** A method for selecting fluorescent pseudomonads inhibitory to seed tuber decay. *Potato Research* **30**: 603-611.
694. **Robinson, P.M. & Smith, J.M. 1976.** Morphogenesis and growth kinetics of *Geotrichum candidum* in continuous culture. *Transactions of the British Mycological Society* **66**: 413-420.
695. **Robinson, P.M. & Griffith, P.J. 1977.** Effect of restricted aeration on chemotropism, morphogenesis and polarity of lateral branch induction in *Geotrichum candidum* Link ex Pers. *Transactions of the British Mycological Society* **68**: 311-314.
696. **Robinson, P.M. 1978.** *Practical fungal physiology*. John Wiley and Sons. Chichester. UK.

697. **Robinson, P.M. & Smith, J.M. 1979.** Development of cells and hyphae of *Geotrichum candidum* in chemostat and batch culture. *Transactions of the British Mycological Society* **72**: 39-47.
698. **Robinson, P.M. 1980.** Autotropism in germinating arthrospores of *Geotrichum candidum*. *Transactions of the British Mycological Society* **75**: 151-153.
699. **Robinson, P.M. & Smith, J.M. 1980.** Apical branch formation and cyclic development in *Geotrichum candidum*. *Transactions of the British Mycological Society* **75**: 233-238.
700. **Robinson, P.M. & Thompson, L.A.A. 1982.** Volatile promoter of germination and hyphal extension produced by *Geotrichum candidum*. *Transactions of the British Mycological Society* **78**: 353-355.
701. **Robinson, P.M. & Kennedy, R. 1984.** Survival of arthrospores of *Geotrichum candidum* at sub-zero temperatures. *Transactions of the British Mycological Society* **82**: 697-705.
702. **Robinson, P.M. & Morris, G.M. 1984.** Tolerance of hyphae of *Fusarium oxysporum* f. sp. *lycopersici* to low temperature. *Transactions of the British Mycological Society* **83**: 569-573.
703. **Robinson, P.M., McKee, N.D., Thompson, L.A.A., Harper, D.B. & Hamilton, J.T.G. 1989.** Autoinhibition of germination and growth in *Geotrichum candidum*. *Mycological Research* **93**: 214-222.
704. **Robinson, T.J. 1976.** Coeliac disease with farmer's lung. *British Medical Journal* **1** (6012): 745-746.
705. **Robinson, T.J. 1976.** Coeliac disease and diffuse lung disease. [Correspondence] *British Medical Journal* **1** (6025): 1593.
706. **Robinson, T.J., Nelson, S.D., Haire, M., Middleton, D., McMillan, S.A. & Evans, J.P. 1981.** Jejunal villous changes associated with farmer's lung. *Postgraduate Medical Journal* **57**: 697-701.
707. **Rogers, J.B., Christie, P. & Laidlow, A.S. 1994.** Some evidence of host specificity in arbuscular mycorrhizas. *Pedosphere* **4** (4): 377-381.
708. **Russo, A., Moëne-Loccoz, Y., Fedi, S., Higgins, P., Fenton, A., Dowling, D.N., O'Regan, M. & O'Gara, F. 1996.** Improved delivery of biocontrol *Pseudomonas* and their antifungal metabolites using alginate polymers. *Applied Microbiology and Biotechnology* **44**: 740-745.
709. **Ryan, E.W. & Kavanagh, T. 1976.** White rot of onion (*Sclerotium cepivorum*) 1. Control by fungicidal pelleting of onion seed. *Irish Journal of Agricultural Research* **15**: 317-323.
710. **Ryan, E.W. & Kavanagh, T. 1976.** White rot of onion (*Sclerotium cepivorum*) 2. Control by fungicidal dusting of onion sets. *Irish Journal of Agricultural Research* **15**: 325-329.
711. **Ryan, E.W. & Kavanagh, T. 1977.** White rot of onion (*Sclerotium cepivorum*). 3. Epidemiology. *Irish Journal of Agricultural Research* **16**: 57-63.

712. **Ryan, E.W. 1978.** Control of cauliflower downy mildew (*Peronospora parasitica*) with systemic fungicides. In *Proceedings of the 9th British Insecticide and Fungicide Conference, Brighton, 21-24 November, 1977. Pests and diseases of vegetables*, pp.297-300. British Crop Protection Council. Thornton Heath.
713. **Ryan, E.W. 1978.** Leaf spot of onions caused by *Cladosporium allii-cepae*. *Plant Pathology* **27**: 200.
714. **Ryan, E.W. 1978.** New disease threatens onion production. *Farm and Food Research* **9** (6): 139-140.
715. **Ryan, E.W., Doyle, J.A. & O'Donnell, T.B. 1981.** Control of *Cladosporium* leaf spot in spring-sown and overwintered bulb onions. In *Proceedings of the British Crop Protection Conference, Brighton, 16-19 November 1981. Pest and disease control in field crops* **1**: 349-354. British Crop Protection Council. London.
716. **Ryan, E.W. & Doyle, J.A. 1981.** Control of two soil-borne diseases of transplanted vegetables by incorporation of fungicides in peat blocks. In *Proceedings of the British Crop Protection Conference, Brighton, 16-19 November 1981. New approaches to the control of soil-borne pests and diseases*, **2**: 459-501. British Crop Protection Council. London.
717. **Ryan, E.W. 1992.** A review of black rot (*Xanthomonas*) of brassicas. In *Towards quality vegetables. Proceedings of fifth national vegetable conference 1992*, pp.43-45. Teagasc. Dublin.
718. **Ryan, E.W. & Dunne, R. 1993.** Harmful organisms in horticultural crops. In J.A. Kavanagh & P. Brennan (eds), *Plant Health and 1992. Proceedings of a seminar held on 8-9 March 1990*, pp.31-44. Royal Irish Academy. Dublin.
719. **Ryan, N.A., Deliopoulos, T., Jones, P. & Haydock, P.P.S. 2000.** Effects of mycorrhizal fungi on the potato-potato cyst nematode interaction. *Aspects of Applied Biology* No. 59: 131-140.
720. **Ryan, N.A., Duffy, E.M., Cassells, A.C. & Jones, P.W. 2000.** The effect of mycorrhizal fungi on the hatch of potato cyst nematodes. *Applied Soil Ecology* **15**: 233-240.
721. **Samir, K., Abdullah, S.K. & Webster, J. 1980.** Aquatic and aero-aquatic hyphomycetes from Ireland. *Irish Naturalists' Journal* **20**: 49-55.
722. **Scannell, M.J.P. 1977.** *Milesia magnusiana* (Jaap) Faull, further records in mid Cork. *Irish Naturalists' Journal* **19**: 131-132.
723. **Scannell, M.J.P. 1979.** A contribution to the fungus flora of west Galway (H16) *Irish Naturalists' Journal* **19**: 395-397.
724. **Scannell, M.J.P. 1979.** *Hymenochaete mougeotii* (Fr.) Mass a rare fungus at Fota. *Irish Naturalists' Journal* **19**: 408.
725. **Scannell, M.J.P. 1981.** *Cumminsiella mirabilissima* (Peck.) Nannf. (rust fungus) in Ireland. *Irish Naturalists' Journal* **20**: 44.
726. **Scannell, M.J.P. 1981.** *Cumminsiella mirabilissima* (Peck.) Nannf. In Ireland – a correction. *Irish Naturalists' Journal* **20**: 212.
727. **Scannell, M.J.P. 1981.** *Mycosphaerella asplenii* (Aursw.) Lindau in Ireland. *Irish Naturalists' Journal* **20**: 253.

728. **Scannell, M.J.P. 1982.** *Lophium elatum* Greville in Ireland. *Irish Naturalists' Journal* **20**: 453.
729. **Scannell, M.J.P. 1983.** *Anisogramma virgultorum* (Fries) Theissen and Sydow new to Ireland. *Irish Naturalists' Journal* **21**: 139.
730. **Scannell, M.J.P. 1986.** *Melanotaenium endogenum* (Unger) de Bary (Ustilaginales): Irish records. *Irish Naturalists' Journal* **22**: 121-122.
731. **Scannell, M.J.P. 1987.** *Lophium mytilinum* (Pers. ex Fr.) F. (Ascomycetes) in south-east Galway (H15). *Irish Naturalists' Journal* **22**: 262-263.
732. **Scannell, M.J.P. 1994.** *Asterostroma medium* Bres. (Eumycota: Asterostromataceae) in Ireland. *Irish Naturalists' Journal* **24**: 415-416.
733. **Schild, D.E., Kennedy, A. & Stuart, M.R. 1988.** Isolation of symbiont and associated fungi from ectomycorrhizas of Sitka spruce. *European Journal of Forest Pathology* **18**: 51-61.
734. **Scott, E.M., Gorman, S.P. & Wright, L.R. 1984.** The effect of imidazoles on germination of arthrospores and microconidia of *Trichophyton mentagrophytes*. *Journal of Antimicrobial Chemotherapy* **13** (2): 101-110.
735. **Scott, E.M., Gorman, S.P. & McGrath, S.J. 1985.** Inhibition of hyphal development in *Trichophyton mentagrophytes* arthroconidia by ketoconazole and miconazole. *Journal of Antimicrobial Chemotherapy* **15** (4): 405-415.
736. **Scott, E.M., Gorman, S.P. & Wright, L.R. 1985.** Ultrastructure of protoplasts from mycelium and microconidia of *Trichophyton mentagrophytes*. *Sabouraudia: Journal of Medical and Veterinary Mycology* **23** (1): 31-36.
737. **Scott, E.M., Gorman, S.P. & McGrath, S.J. 1986.** An assessment of the fungicidal activity of antimicrobial agents used for hard-surface and skin disinfection. *Journal of Clinical and Hospital Pharmacy* **11** (3): 199-205.
738. **Scott, E.M., Gorman, S.P., Millership, J.S. & Wright, L.R. 1986.** Effect of miconazole and clotrimazole on K⁺ release and inhibition of ergosterol biosynthesis in *Trichophyton mentagrophytes* and related ultrastructural observation. *Journal of Antimicrobial Chemotherapy* **17** (4): 423-432.
739. **Scott, E.M., Tariq, V.N. & McCrory, R.M. 1995.** Demonstration of synergy with fluconazole and either ibuprofen, sodium salicylate, or propylparaben against *Candida albicans* in vitro. *Antimicrobial Agents and Chemotherapy* **39** (12): 2610-2614.
740. **Seaby, D.A. & Swinburne, T.R. 1976.** Protection of pruning wounds on apple trees from *Nectria galligena* Bres. using modified pruning shears. *Plant Pathology* **25**: 50-54.
741. **Seaby, D. 1977.** *Rhizina undulata* on *Picea abies* transplants. *European Journal of Forest Pathology* **7**: 186-188.
742. **Seaby, D.A. 1977.** A single spore isolator. *Bulletin of the British Mycological Society* **11** (1): 52-54.
743. **Seaby, D.A. 1977.** The possibility of using *Trichoderma viride* for the control of *Heterobasidion annosum* on conifer stumps. In J.J. Duggan (ed.), *Proceedings of seminar on biological control*, pp.57-72. Royal Irish Academy. Dublin.

744. **Seaby, D.A. 1977.** A convenient method for the dry preservation of living fungal or bacterial cultures. *Bulletin of the British Mycological Society* **11** (1): 55-56.
745. **Seaby, D.A. & McIlwaine, R.S. 1983.** *Psilocybe semilanceolata*. In *Annual report on research and technical work of the Department of Agriculture for Northern Ireland*, pp.210. Department of Agriculture for Northern Ireland. Belfast.
746. **Seaby, D. 1987.** Infection of mushroom compost by *Trichoderma* species. *Mushroom Journal* No.179: 355-361.
747. **Seaby, D.A. 1989.** Further observations on *Trichoderma*. *Mushroom Journal* No.197: 147-151.
748. **Seaby, D.A. 1996.** Differentiation of *Trichoderma* taxa associated with mushroom production. *Plant Pathology* **45**: 905-912.
749. **Seaby, D.A. 1996.** Investigation of the epidemiology of green mould of mushroom (*Agaricus bisporus*) compost caused by *Trichoderma harzianum*. *Plant Pathology* **45**: 913-923.
750. **Seaby, D.A. & Schaible, R.C. 2000.** Preventing *Heterobasidion annosum* from colonizing chemically thinned Sitka spruce stems. *Forestry* **73**: 351-359.
751. **Seoighe, C., Federspiel, N., Jones, T., Hansen, N., Bivolarovic, V., Surzycki, R., Tamse, R., Komp, C., Huizar, L., Davis, R.W., Scherer, S., Tait, E., Shaw, D.J., Harris, D., Murphy, L., Oliver, K., Taylor, K., Rajandream, M.A., Barrell, B.G. & Wolfe, K.H. 2000.** Prevalence of small inversions in yeast gene order evolution. *Proceedings of the National Academy of Sciences of the United States of America* **97** (26): 14433-14437.
752. **Shakeel, M.A. & Mowatt, D.J. 1992.** The potential transmission of clover rot, *Sclerotinia trifoliorum* Erikss., by slugs. *Grass and Forage Science* **47** (2): 199-202.
753. **Sharma, H.S.S., Brown, A.E. & Swinburne, T.R. 1982.** Relationship of spore germination and appressoria formation in isolates of *Septoria nodorum* to pathogenicity on wheat and barley leaves. *Transactions of the British Mycological Society* **79**: 519-526.
754. **Sharma, H.S.S. & Brown, A.E. 1983.** The assessment of susceptibility or resistance of spring and winter barley cultivars to *Septoria nodorum*. *Record of Agricultural Research* **31**: 55-57.
755. **Sharma, H.S.S. & Brown, A.E. 1983.** Effect of plant and leaf age on the susceptibility of wheat and barley cultivars to *Septoria nodorum* Berk. *Record of Agricultural Research* **31**: 59-62.
756. **Sharma, H.S.S. & Brown, A.E. 1983.** Temperature enhanced sectoring in barley isolates of *Septoria nodorum* and the possible relationship with varying pathogenicity. *Transactions of the British Mycological Society* **81**: 263-267.
757. **Sharma, H.S.S. 1984.** Assessment of the reaction of some spring barley cultivars to *Pyrenophora teres* using whole plants, detached leaves and toxin bioassay. *Plant Pathology* **33**: 371-376.
758. **Sharma, H.S.S., Kilpatrick, M., Ward, F., Lyons, G. & Burns, L. 1999.** Colonisation of phase II compost by biotypes of *Trichoderma harzianum* and their effect on mushroom yield and quality. *Applied Microbiology and Biotechnology* **51**: 572-578.

759. **Sheridan, H., Smyth, C., Canning, A.M. & James, J.P. 1992.** Stereoselective reduction of radicinin by liquid cultures of *Alternaria longipes*. *Journal of Natural Products* **55**: 986-988.
760. **Sheridan, H. & Canning, A.M. 1999.** Novel radicinol derivatives from long-term cultures of *Alternaria chrysanthemi*. *Journal of Natural Products* **62**: 1568-1569.
761. **Sheridan, J.J. 1980.** Bovine mycotic abortion, with particular reference to the occurrence of the disease in Ireland. *Irish Veterinary Journal* **34**: 75-79.
762. **Sheridan, J.J. 1980.** Some observations on selected mycoses and mycotoxicoses affecting animals in Ireland. *Irish Veterinary Journal* **34**: 148-154.
763. **Sheridan, J.J. & Sheehan, P.J. 1980.** Some factors affecting the germination of fungal spores in water. *Irish Journal of Agricultural Research* **19**: 147-154.
764. **Sheridan, J.J. & Sheehan, P.J. 1980.** Development of a technique for the germination of fungal spores. *Irish Journal of Agricultural Research* **19**: 155-159.
765. **Sheridan, J.J. 1981.** The pathogenicity to peas of *Mycosphaerella pinodes* and *Ascochyta pisi* on cut-away peat and mineral soil. *Irish Journal of Agricultural Research* **20**: 201-209.
766. **Sheridan, J.J. 1981.** The relationship of systemic phycomycosis and aspergillosis, in cattle showing clinical signs of the disease, to the occurrence of lesions in different organs. *Veterinary Research Communications* **5** (1): 1-12.
767. **Sheridan, J.J., McGrath, D. & Sherington, J. 1981.** The effects of washing and concentration on fungal spore germination. *Journal of Life Sciences, Royal Dublin Society* **2**: 161-170.
768. **Sheridan, J.J., White, D.S.C. & McGarvie Q.D. 1985.** The occurrence of and organisms concerned with bovine mycotic abortion in some counties in Ireland. *Veterinary Research Communications* **9** (3): 221-226.
769. **Sherry, E.G., Mitchell, D.T. & Osborne, B.A. 1998.** Effects of arbuscular mycorrhizal colonisation on growth, photosynthesis and non-structural carbohydrates in seedlings of *Plantago lanceolata*. [Abstract] *Biology and Environment: Proceedings of the Royal Irish Academy*. **98B**: 68.
770. **Shimwell, D.W., McLauchlan, P.A. & Robinson, M.E. 1995.** A record for the white truffle *Tuber aestivum* Vitt. in Co. Roscommon. *Irish Naturalists' Journal* **25**: 80-81.
771. **Smith, J.M. & Robinson, P.M. 1980.** Development of somatic hyphae of *Geotrichum candidum*. *Transactions of the British Mycological Society* **74**: 159-165.
772. **Smith, L.M., Tola, E., deBoer, P. & O'Gara, F. 1999.** Signalling by the fungus *Pythium ultimum* represses expression of two ribosomal RNA operons with key roles in the rhizosphere ecology of *Pseudomonas fluorescens* F113. *Environmental Microbiology* **1** (6): 495-502.
773. **Somers, C.J. 1985.** The presence of infective larvae of *Dictyocaulus viviparus* inside sporangia of the fungus *Pilobolus kleinii*. *Irish Journal of Agricultural Research* **24**: 127-128.
774. **Spillane, C., Verchot, J., Kavanagh, T.A. & Baulcombe, D.C. 1997.** Concurrent suppression of virus replication and rescue of movement-defective virus in transgenic plants expressing the coat protein of potato virus X. *Virology* **236** (1): 76-84.

775. **Spillane, C., Baulcombe, D.C. & Kavanagh, T.A. 1998.** Genetic engineering of the potato cultivar Glenroe for increased resistance to potato virus X (PVX). *Irish Journal of Agricultural and Food Research* **37**: 173-182.
776. **Sreenivasaprasad, S., Brown, A.E. & Mills, P.R. 1992.** DNA sequence variation and interrelationships among *Colletotrichum* species causing strawberry anthracnose. *Physiological and Molecular Plant Pathology* **41**: 265-281.
777. **Sreenivasaprasad, S., Brown, A.E. & Mills, P.R. 1993.** Coffee berry disease pathogen in Africa: genetic structure and relationship to the group species *Colletotrichum gloeosporioides*. *Mycological Research* **97**: 995-1000.
778. **Sreenivasaprasad, S., Mills, P.R. & Brown, A.E. 1994.** Nucleotide sequence of the rDNA spacer 1 enables identification of isolates of *Colletotrichum* as *C. acutatum*. *Mycological Research* **98**: 186-188.
779. **Sreenivasaprasad, S., Mills, P.R., Meehan, B.M. & Brown, A.E. 1996.** Phylogeny and systematics of 18 *Colletotrichum* species based on ribosomal DNA spacer sequences. *Genome* **39** (3): 499-512.
780. **Sreenivasaprasad, S., Sharada, K., Brown, A.E. & Mills, P.R. 1996.** PCR-based detection of *Colletotrichum acutatum* on strawberry. *Plant Pathology* **45**: 650-655.
781. **Stanford, C.F., Hall, G., Chivers, A., Martin, B., Nicholls, D.P. & Evans, J. 1990.** Farmer's lung in Northern Ireland. *British Journal of Industrial Medicine* **47** (5): 314-316.
782. **Stanley, M.S. & Brown, A.E. 1994.** Separation and degradative action of polygalacturonase isozymes produced by *Colletotrichum musae*. *Journal of Phytopathology* **141** (2): 217-224.
783. **Staunton, L. 1987.** *Trichoderma* green mould in mushroom compost. *Mushroom Journal* No.179: 62-63.
784. **Staunton, L. 1992.** Changes in mushroom production and disease incidence. In A.R. McCracken & P.C. Mercer (eds), *Disease management in relation to changing agricultural practice: Belfast 7-9 April 1992*, pp.34-39. Queen's University. Belfast.
785. **Staunton, W.P. 1977.** Biological control of virus in tomato crops using cross protection. In J.J. Duggan (ed.), *Proceedings of seminar on biological control*, pp.93-96. Royal Irish Academy. Dublin.
786. **Staunton, W.P. & Cormican, T.P. 1980.** The effects of pathogens and fungicides on tomatoes in a hydroponic system. *Acta Horticulturae* No.98: 293-297.
787. **Stephens, P.M., O'Sullivan, M. & O'Gara, F. 1987.** Effect of bacteriophage on colonization of sugarbeet roots by fluorescent *Pseudomonas* spp. *Applied and Environmental Microbiology* **53**: 1164-1167.
788. **Stephens, P.M., O'Callaghan, M., Higgins, P., O'Sullivan, D., Morris, J. & O'Gara, F. 1990.** Exploiting microbial inoculants for biocontrol of phytopathogens. In A.R. McCracken & P.C. Mercer (eds), *Proceedings of meeting on biological control of pests and diseases 20-21 September 1990*, Agriculture and Food Science Centre, Belfast, pp.54-56. Department of Agriculture for Northern Ireland. Belfast.
789. **Stephens, P.M., Crowley, J.J. & O'Connell, C. 1993.** Selection of pseudomonad strains inhibiting *Pythium ultimum* on sugarbeet seeds in soil. *Soil Biology and Biochemistry* **25** (9): 1283-1288.

790. **Stevens, F.M. & Hitchcock, H.T. 1977.** Farmer's lung disease and coeliac disease: a prospective study. *Irish Journal of Medical Science* **146**: 335-339.
791. **Sullivan, D., Bennett, D., Henman, M., Harwood, P., Flint, S., Mulcahy, F., Shanley, D. & Coleman, D. 1993.** Oligonucleotide fingerprinting of isolates of *Candida* species other than *C. albicans* and of atypical *Candida* species from human immunodeficiency virus-positive and AIDS patients. *Journal of Clinical Microbiology* **31** (8): 2124-2133.
792. **Sullivan, D.J., Westerneng, T.J., Haynes, K.A., Bennett, D.E. & Coleman, D.C. 1995.** *Candida dubliniensis* sp. nov.: phenotypic and molecular characterization of a novel species associated with oral candidosis in HIV-infected individuals. *Microbiology* **141**: 1507-1521.
793. **Sullivan, D., Haynes, K., Moran, G., Shanley, D. & Coleman, D. 1996.** Persistence, replacement and microevolution of *Cryptococcus neoformans* strains in recurrent meningitis in AIDS patients. *Journal of Clinical Microbiology* **34** (7): 1739-1744.
794. **Sullivan, D.J., Henman, M.C., Moran, G.P., O'Neill, L.C., Bennett, D.E., Shanley, D.B. & Coleman, D.C. 1996.** Molecular genetic approaches in identification, epidemiology and taxonomy of non-*albicans* *Candida* species. *Journal of Medical Microbiology* **44**: 399-408.
795. **Sullivan, D. & Coleman, D.C. 1998.** Variability of human pathogenic fungi. In P.D. Bridge, Y. Couteaudier & J.M. Clarkson (eds), *Molecular variability of fungal pathogens*, pp.209-226. CAB International. Wallingford. U.K.
796. **Sullivan, D. & Coleman, D. 1998.** *Candida dubliniensis*: characters and identification. *Journal of Clinical Microbiology* **36** (2): 329-334.
797. **Sullivan, D.J., Moran, G., Donnelly, S., Gee, S., Pinjon, E., McCartan, B., Shanley, D.G. & Coleman, D.C. 1999.** *Candida dubliniensis*: an update. *Revista Iberoamericana de Micología* **16** (2): 72-76.
798. **Sweeney, M., Harmey, M.A. & Mitchell, D.T. 1996.** Detection and identification of *Laccaria* species using a repeated DNA sequence from *Laccaria proxima*. *Mycological Research* **100**: 1515-1521.
799. **Sweeney, M.J. & Dobson, A.D.W. 1998.** Mycotoxin production by *Aspergillus*, *Fusarium* and *Penicillium* species. *International Journal of Food Microbiology* **43**: 141-158.
800. **Sweeney, M.J., Pàmies, P. & Dobson, A.D.W. 2000.** The use of reverse transcription-polymerase chain reaction (RT-PCR) for monitoring aflatoxin production in *Aspergillus parasiticus* 439. *International Journal of Food Microbiology* **56**: 97-103.
801. **Sweeney, M.J., White, S. & Dobson, A.D.W. 2000.** Mycotoxins in agriculture and food safety. *Irish Journal of Agricultural and Food Research* **39**: 235-244.
802. **Sweet, D. & Reid, M. 1998.** Disseminated neonatal *Trichosporon beigelii* infection: successful treatment with liposomal amphotericin B. *Journal of Infection*. **36** (1): 120-121.
803. **Swinburne, T.R. 1976.** Stimulants of germination and appressoria formation by *Colletotrichum musae* (Berk. & Curt.) Arx. in banana leachate. *Phytopathologische Zeitschrift* **87**: 74-90.

804. **Swinburne, T.R. & Brown, A.E. 1976.** A comparison of the use of *Bacillus subtilis* with conventional fungicides for the control of apple canker (*Nectria galligena*). *Annals of Applied Biology* **82**: 365-368.
805. **Swinburne, T.R., Cartwright, J., Brown, A.E. & Flack, N.J. 1977.** The effect of substituting some of the routine apple scab sprays of dodine or dithianon with benzimidazole fungicides on the control of canker (*Nectria galligena*) in orchards with established infections. *Record of Agricultural Research* **25**: 53-56.
806. **Swinburne, T.R., Cartwright, J., Flack, N.J. & Brown, A.E. 1977.** A comparison of phenylmercuric nitrate, MBC generators and *Bacillus subtilis* for the control of autumn infections by *Nectria galligena* in apple orchards. *Record of Agricultural Research* **25**: 57-62.
807. **Swinburne, T.R. 1977.** Effect of copper and mercury based fungicides on the production of conidia from active apple cankers caused by *Nectria galligena*. *Record of Agricultural Research* **25**: 95-97.
808. **Swinburne, T.R. 1978.** The potential value of bacterial antagonists for the control of apple canker (*Nectria galligena*). In *Proceedings: Interactions between micro-organisms*. *Annals of Applied Biology* **89**: 94-96.
809. **Swinburne, T.R. 1978.** Post-infection antifungal compounds in quiescent or latent infections. *Annals of Applied Biology* **89**: 322-325.
810. **Taggart, P.J., Cooke, L.R., Mercer, P.C. & Shaw, M.W. 1998.** Effects of fungicides used to control *Rhynchosporium secalis* where benzimidazole resistance is present. *Crop Protection* **17**: 727-734.
811. **Taggart, P.J., Locke, T., Phillips, A.N., Pask, N., Hollomon, D.W., Kendall, S.J., Cooke, L.R. & Mercer, P.C. 1999.** Benzimidazole resistance in *Rhynchosporium secalis* and its effect on barley leaf blotch control in the UK. *Crop Protection* **18**: 239-243.
812. **Tan, K.K. 1976.** Light induced synchronous conidiation in the fungus *Botrytis cinerea*. *Journal of General Microbiology* **93**: 278-282.
813. **Tan, K.K. 1977.** Effect of inhibitors of nucleic acid and protein synthesis on light-induced synchronous conidiation in *Botrytis cinerea*. *Journal of General Microbiology* **103**: 153-157.
814. **Tariq, V.N. 1990.** Factors influencing zoosporangia formation by *Phytophthora fragariae* *in vitro*. *Mycological Research* **94**: 205-210.
815. **Tariq, V.N. & Magee, A.C. 1990.** Effect of volatiles from garlic bulb extract on *Fusarium oxysporum* f. sp. *lycopersici*. *Mycological Research* **94**: 617-620.
816. **Tariq, V.N. & Campbell, V.M. 1991.** Influence of volatile metabolites of *Geotrichum candidum* on other fungi. *Mycological Research* **95**: 891-893.
817. **Tariq, V.N. 1991.** Antifungal activity in crude extracts of marine red algae. *Mycological Research* **95**: 1433-1435.
818. **Tariq, V.N., Scott, E.M. & McCain, N.E. 1995.** Use of decimal assay for additivity to demonstrate synergy in pair combinations of econazole, nikkomycin Z, and ibuprofen against *Candida albicans* *in vitro*. *Antimicrobial Agents and Chemotherapy* **39** (12): 2615-2619.

819. **Tariq, V.N. & Devlin, P.L. 1996.** Sensitivity of fungi to nikkomycin Z. *Fungal Genetics and Biology* **20** (1): 4-11.
820. **Ten Cate, R. 1990.** Looking for mushrooms in western Ireland. [Dutch] *Coolia* **33** (3): 81-83.
821. **Toal, E. & Jones, P. 1998.** Systemic acquired resistance (SAR) to *Sclerotinia sclerotiorum* in oilseed rape. [Abstract] *Biology and Environment: Proceedings of the Royal Irish Academy*. **98B**: 69.
822. **Toal, E.S. & Jones, P.W. 1999.** Induction of systemic resistance to *Sclerotinia sclerotiorum* by oxalic acid in oilseed rape. *Plant Pathology* **48**: 759-767.
823. **Tobin, M.J., Maguire, O., Reen, D., Tempany, E. & Fitzgerald, M.X. 1980.** Atopy and bronchial reactivity in older patients with cystic fibrosis. *Thorax* **35** (11): 807-813.
824. **Todd, W.D.W. 1993** Plant health legislation in Northern Ireland in 1990. In J.A. Kavanagh & P. Brennan (eds), *Plant Health and 1992. Proceedings of a seminar held on 8-9 March 1990*, pp.153-160. Royal Irish Academy. Dublin.
825. **Tooley, P.W., Therrien, C.D., Sim, J.H., O'Sullivan, E. & Dowley, L.S. 1993.** Mating type, nuclear DNA content and isozyme genotypes of Irish isolates of *Phytophthora infestans*. *Mycological Research* **97**: 1131-1134.
826. **Torgerson, P.R. & Abbott, Y.E. 1999.** Comparison of Sabouraud dextrose agar with an alternative selective medium for the detection of dermatophytes and the results of a clinical survey of cats and dogs. *Irish Veterinary Journal* **52**: 141-144.
827. **Tubman, T.R.J. & Reid, M.M. 1988.** Congenital cutaneous candidiasis. *Ulster Medical Journal* **57**: 85-87.
828. **Valle Ribeiro, M.A. do, Bush, L.P. & Hogan, J. 1988.** Research on fungal endophytes of grasses. In *Proceedings of the 12th general meeting of the European grassland federation, Dublin, July 4-7, 1988*, pp.363-367. Irish Grassland Association.
829. **Valle Ribeiro, M.A.M. do 1993.** Transmission and survival of *Acremonium* and the implications for grass breeding. *Agriculture, Ecosystems and Environment* **44**: 195-213.
830. **Valle Ribeiro, M.A.M. do, Gurney, K.A. & Bush, L.P. 1996.** Endophyte *Acremonium lolii* in ecotypes of perennial ryegrass (*Lolium perenne* L.) collected in old Irish pastures. *Irish Journal of Agricultural and Food Research* **35**: 151-157.
831. **Walker, A.S.L. & Cooke, L.R. 1988.** The survival of phenylamide-resistant strains of *Phytophthora infestans* in potato tubers. In *Brighton Crop Protection Conference, Pests and Diseases – 1988*, **1**: 353-358. British Crop Protection Council. Thornton Heath.
832. **Walker, A.S.L. & Cooke, L.R. 1990.** The survival of *Phytophthora infestans* in potato tubers – the influence of phenylamide resistance. In *Brighton Crop Protection Conference, Pests and Diseases – 1990*, **3**: 1109-1114. British Crop Protection Council. Thornton Heath.
833. **Walsh, E.J., Fanning, M.J. & Bannon, E. 1998.** An evaluation of screening techniques to assess *Fusarium* head blight resistance in spring wheat (*Triticum aestivum* L.). *Cereal Research Communications* **26** (1): 59-66.

834. **Walsh, O.M., Meegan, M.J., Prendergast, R.M. & Al-Nakib, T. 1996.** Synthesis of 3-acetoxiazetidin-2-ones and 3-hydroxyazetidin-2-ones with antifungal and antibacterial activity. *European Journal of Medicinal Chemistry* **31** (12): 989-1000.
835. **Walsh, P.F. & Mangan, A. 1977.** Dutch elm disease survey, 1977. *Journal, Department of Agriculture, Ireland* **74**: 40-43.
836. **Walsh, P. 1993.** Plant health legislation in Ireland (Republic of Ireland). In J.A. Kavanagh & P. Brennan (eds), *Plant Health and 1992. Proceedings of a seminar held on 8-9 March 1990*, pp.137-152. Royal Irish Academy. Dublin.
837. **Walsh, U.F., Morrissey, J.P. & O’Gara, F. 2000.** *Pseudomonas* for biocontrol of phytopathogens: from functional genomics to commercial exploitation. *Current Opinion in Biotechnology* **12** (3): 289-295.
838. **Ward, D., Keane, M. & Seaby, D. 1993.** Harmful organisms in forest production. In J.A. Kavanagh & P. Brennan (eds), *Plant Health and 1992. Proceedings of a seminar held on 8-9 March 1990*, pp.45-54. Royal Irish Academy. Dublin.
839. **Watters, B.S. 1987.** The evaluation of fungicides for the control of apple scab (*Venturia inaequalis*) in Bramley’s Seedling. In *Crop Protection in Northern Britain 1987*, pp.394-398. Scottish Crop Research Institute. Dundee.
840. **Westcott, R.J. 1983.** Micropropagation of virus-free potatoes. In A.C. Cassels & J.A. Kavanagh (eds), *Plant tissue culture in relation to biotechnology. Proceedings of a seminar on 22-23 February 1982*, pp.61-65. Royal Irish Academy. Dublin.
841. **White, B., Martin, M., Kelleher, S., Browne, P., McCann, S.R. & Smith, O.P. 1999.** Successful use of recombinant FVIIa (Novoseven®) in the management of pulmonary haemorrhage secondary to *Aspergillus* infection in a patient with leukaemia and acquired FVII deficiency. [Correspondence] *British Journal of Haematology* **106** (1): 254-255.
842. **White, E.M. 1982.** The effects of mixing barley cultivars on incidence of powdery mildew (*Erysiphe graminis*) and on yield in Northern Ireland. *Annals of Applied Biology* **101**: 539-545.
843. **White, J. 1985.** The Gearagh Woodland, Co. Cork. *Irish Naturalists’ Journal* **21**: 391-396.
844. **Willis, A.M., Coulter, W.A., Fulton, C.R., Hayes, J.R., Bell, P.M. & Lamey, P.J. 1999.** Oral candidal carriage and infection in insulin-treated diabetic patients. *Diabetic Medicine* **16** (8): 675-679.
845. **Willis, A.M., Coulter, W.A., Hayes, J.R., Bell, P. & Lamey, P.J. 2000.** Factors affecting the adhesion of *Candida albicans* to epithelial cells of insulin-using diabetes mellitus patients. *Journal of Medical Microbiology* **49**: 291-293.
846. **Wilson, D.C. & Redmond, A.O.B. 1990.** An unusual cause of thoracic mass. *Archives of Disease in Childhood* **65** (9): 991-992.
847. **Wilson, H.M. & Eisa, M.Z. 1975.** The effects of potato viruses X and Y on organogenesis in tobacco tissue cultures. *Plant Science Letters* **5** (6): 395-400.
848. **Wilson, U.E. & Coffey, M.D. 1978.** Cytological observations on field resistance to potato blight. *Annals of Applied Biology* **89**: 298-302.

849. **Wilson, U. & Kavanagh, J.A. 1980.** Studies on obligate parasitism: host-pathogen interaction in 'wart' disease of potato. In *Research Report 1978-1979 Faculty of General Agriculture, University College Dublin*, pp.43-44. University College Dublin.
850. **Wilson, U.E. & Coffey, M.D. 1980.** Cytological evaluation of general resistance to *Phytophthora infestans* in potato foliage. *Annals of Botany* **45**: 81-90.
851. **Wright, C.E. & Faulkner, J.S. 1982.** A backcross programme introducing resistance to blind seed disease (*Gloeotinia temulenta*) into the cultivar S24 of the cross-pollinated species perennial ryegrass (*Lolium perenne*). *Record of Agricultural Research* **30**: 45-52.
852. **Wright, L.R., Scott, E.M. & Gorman, S.P. 1983.** The sensitivity of mycelium, arthrospores and microconidia of *Trichophyton mentagrophytes* to imidazoles determined by *in vitro* tests. *Journal of Antimicrobial Chemotherapy* **12** (4): 317-327.
853. **Wright, L.R., Scott, E.M. & Gorman, S.P. 1984.** Spore differentiation in a clinical strain of *Trichophyton mentagrophytes*. *Microbios* **39** (156): 87-93.
854. **Wright, M. & Waterman, A.C. 2000.** Fungus Fermanagh. *Field Mycology* **1**: 49-51.
855. **Young, M., Keane, C. & English, L. 1982.** Misdiagnosed dermatophytosis. *Journal of Infection* **4** (2): 127-129.
856. **Young, R. & Hourihane, D.O'B. 1977.** Systemic candidiasis at autopsy in Dublin. *Irish Journal of Medical Science* **146** : 1-5.
857. **Young, V.K., Maghur, H.A., Luke, D.A. & McGovern, E.M. 1992.** Operation for cavitating invasive pulmonary aspergillosis in immunocompromised patients. *Annals of Thoracic Surgery* **53** (4): 621-624.
858. **Zambettakis, Ch., Waliyar, F. & Scannell, M. 1977.** *Dothiorella davidiae* nov. sp. sur *Davidia involucreta*. *Bull. trimest. Soc. mycol. Fr.* **93**(1): 21-24.
859. **Zhu, Y.G., Laidlaw, A.S., Christie, P. & Hammond, M.E.R. 2000.** The specificity of arbuscular mycorrhizal fungi in perennial ryegrass-white clover pasture. *Agriculture, Ecosystems and Environment* **77** (3): 211-218.

UNIVERSITY THESES AWARDED MASTER OR DOCTORATE DEGREES

UNIVERSITY COLLEGE CORK

- Barry, F.P. 1984. PhD Structural and catalytic properties of the proteinase from *Armillaria mellea*.
- Sheehan, H.M. 1986. PhD Structural and biosynthetic properties of the protease from *Armillaria mellea*.
- Brown, C.A. 1988. PhD Somaclonal variation as a source of resistance to *Phytophthora infestans* (Mont.) de Bary in *Solanum tuberosum* L.
- Simpson, P. 1990. MSc Antibiotic inhibition of fungal pathogens by root colonising fluorescent *Pseudomonas* spp.
- Crowley, J.J. 1991. MSc Development of an ELISA system for the identification of *Ustilago nuda*.
- Casey, J.P. 1992. MSc Purification and characterisation of fungal glutathione-S-transferases.
- Macilwraith, K.L. 1992. MSc Management and evaluation of somaclones of potato (*Solanum tuberosum* L.) for resistance to *Phytophthora infestans* (Mont.) de Bary and potato viruses.
- O'Connor, L. 1993. MSc Development of an ELISA kit for the detection of the plant pathogen *Xanthomonas campestris* pv. *pelargonii*.
- Pham, T.S. 1994. MSc Tissue culture and genetic manipulation in plant improvement using late blight resistance in potato as a model.
- Walsh, M.M. 1994. PhD An evaluation of genetic manipulation as a source of *Sclerotinia* resistance in Jerusalem artichoke.
- Buckley, K. 1995. MSc Physiological and biochemical studies of ligninolytic white-rot fungi.
- Tingle, J. 1995. MSc Expression and secretion of *Aspergillus niger* glucoamylase in *Saccharomyces cerevisiae*.
- Walsh, M.F. 1995. MSc Molecular cloning of the lignin peroxidase gene from the white-rot fungus *Bjerkandera adusta*.
- Mullins, E.D. 1996. PhD Analysis of the mechanism of physiological partial resistance to *Sclerotinia sclerotiorum* using induced mutants of oilseed rape.
- Birmeta, G. 1997. MSc The application of plant biotechnology to the production, maintenance and multiplication of disease-free potato germplasm.
- Carroll, C.M. 1997. MSc Ligninolytic enzymes of the white-rot fungus, *Trametes versicolor*.
- Collins, P.J. 1997. PhD Physiological and genetic characterisation of the lignin degrading system of the white-rot fungus, *Trametes versicolor*.
- Dowd, C.A. 1997. PhD Studies on glutathione-S-transferase from fungi.
- Mark, G.L. 1997. PhD Studies on mycorrhizas in micropropagation and field-grown strawberry.
- Dunne, C.P. 1998. PhD Analysis of determinants mediating biological control of *Pythium ultimum* by *Stenotrophomonas maltophilia* strain W81.
- Foley, V.M.R.A. 1998. PhD Study of glutathione-S-transferase in fungi.

- Healy, J.V. 1998. PhD Purification, characterisation and cDNA cloning of an endo-exonuclease from the basidiomycete fungus *Armillaria mellea*.
- Kinane, J.T. 1998. PhD Isolation and analysis of wheat mutants exhibition increased resistance to *Erysiphe graminis* f.sp. *tritici* and *Stagonospora nodorum*
- Toal, E.S. 1998. MSc A study of systemic acquired resistance (SAR) to the fungus *Sclerotinia sclerotiorum* in oilseed rape (*Brassica napus*).
- Delany, I.R. 1999. PhD Genetic analysis of the production of the antifungal metabolite 2,4, diacetylphloroglucinol by biocontrol strain *Pseudomonas fluorescens* F113
- Murray, E.M. 1999. MSc Genetic fingerprinting of fungal and yeast isolates from cystic fibrosis patients.
- Tola, E. 2000. PhD Molecular microbial ecology of genes in *Pseudomonas fluorescens* responsive to signals from *Pythium*.

UNIVERSITY COLLEGE DUBLIN

- Dixon, M.M. 1976. PhD Extracellular enzymes produced by *Neurospora sitophila*.
- McDonnell M.B. 1976. PhD Studies on the infection of potatoes by *Synchytrium endobioticum* (Shilb.) Perc.
- Cantwell, B.A. 1977. PhD Isolation, purification and characterisation of a lectin from the aquatic fungus, *Saprolegnia*.
- McCullagh, P. 1977. PhD Studies in the physiology of leafroll virus infected potato plants.
- Sherry, J.P. 1977. PhD A cellulolytic enzyme from *Saprolegnia parasitica*: purification, characterisation and study of its role in morphogeneses.
- Bentley, M.C. 1979. PhD An investigation of L-leucine accumulation by *Saprolegnia parasitica*.
- Broaders, M.A. 1979. PhD Spore germination in *Aspergillus carbonarius*.
- Clancy, K.J. 1979. PhD Studies on a disease of seedlings of *Chamaecyparis lawsonia*.
- O'Brien, E.A. 1979. PhD Studies on the chemistry of antifungal metabolites.
- Palmer, V.M.J. 1979. PhD Investigation of dormancy of fungal spores.
- O'Reilly, J. 1980. PhD *Fomes annosus*.
- Sheridan, J.J. 1980. PhD Investigations on the germination of fungal spores in soil.
- Benson, C.P. 1981. PhD Extra-cellular enzymes of *Aspergillus niger*.
- Hatt, B.P. 1981. PhD The effect of the cell wall on uptake of chemicals by *Fusarium culmorum*.
- Heslin, M.C. 1981. PhD Fomannoxin, a metabolite of *Fomes annosus*. Production, biological activity and involvement in Sitka spruce butt-rot.
- Ni Shúilleabháin, C. 1983. PhD Nucleoside transport in *Geotrichum candidum*
- Sheridan, M.H. 1983 PhD Studies on the biosynthesis of metabolites of *Fomes annosus* (Fr.) Cooke.

- Claveric-Martin, F. 1984. PhD Conidial walls of wild-type and white mutant *Aspergillus nidulans*. The effect of its components on the uptake of chemicals.
- Diaz Torres, M.del R. 1984. PhD Cell wall of *Rhizopus stolonifera* spores. The effects of its components on the uptake of chemicals.
- Fitzgerald, W. 1984. PhD Cross-infection studies of *Septoria nodorum* on wheat and barley.
- Coveney, D.J. 1986. PhD The metabolites of *Armillaria mellea*.
- Doyle, E. 1986. PhD The amylolytic enzymes of *Penicillium* spp.
- O'Mahony, M.R. 1986. PhD Enzyme studies of *Paecilomyces varioti*.
- Quigley, T.A. 1986. PhD Studies on the amylolytic system of *Cladosporium gossypii*cola.
- Hilliard, B. 1988. PhD Comparison of three strains of potato virus X in plant protoplasts and their physical and biochemical characterisation.
- O'Sullivan, E. 1987. PhD Studies on the biology and control of damping-off pathogens of sugar beet.
- Clarke, A.P. 1988. MAgSc The influence of nitrogen on the infection of *Trifolium repens* L. by *Rhizobium trifolii* Dong.
- Deadman, M.L. 1988. PhD Studies on barley net blotch disease caused by *Drechslera teres*.
- Flanagan, S. 1988. PhD The use of meteorological information by Irish potato growers to prevent or minimise crop losses due to potato blight.
- Ikojo, H. 1988. PhD Mycorrhizal associations and the nutrition of Sitka spruce (*Picea sitchensis* (Bong.) Carr.) in Ireland.
- Morris, E., 1988. MSc Investigations on *Phytophthora fragariae*, the cause of strawberry red core disease in Ireland.
- Quigley, P. 1988. PhD Isolation and synthesis studies on the metabolites of *Armillaria*.
- Doyle, P.E. 1990. PhD Studies on clubroot of brassicas: disease assessment, control and resting spore viability in *Plasmodiophora brassicae* (Wor.).
- Hutchinson, R.M. 1990. PhD Studies of *Armillaria* spp. and biologically active metabolites.
- Martin, M.T. 1990. PhD Studies on the metabolites of *Heterobasidion annosum* (Fr.) Bref. and a fungal antagonist.
- Coyle, P.M. 1991. MAgSc The development of a DNA probe for the detection of *Phoma exigua* var. *foveata*, the cause of gangrene of potato.
- Collins, B. 1992. PhD Amylolytic enzymes and formation of maltose by Actinomycetes.
- Grogan, H.M. 1992. PhD Inoculant and naturally-occurring ectomycorrhizal associations of Sitka spruce seedlings in Irish conifer nurseries.
- McElhinney, C. 1992. PhD Phosphorus nutrition of ectomycorrhizal fungi found in Sitka spruce/Japanese larch plantations in Ireland
- McGrane, M. 1992. MAgSc The effects of seeding rates, varieties and fungicidal treatments on performance and seed health in spring sown faba beans, *Vicia faba* L.
- Scannell, M.C. 1992. PhD Investigations on middle and low repetitive DNA sequences of *Phytophthora cinnamomi* and the application of such sequences as DNA fingerprinting

probes.

- Dunne, O.T. 1993. PhD *Armillaria mellea*.
- Hughes, E.M. 1993. PhD Sucrose utilization and invertase activities of mycorrhizal systems.
- McAuliffe, A.G. 1993. MSc Studies on the alpha-amylase of *Candida fennica* CBS 6027.
- Ali, A.S. 1994. MVSc Investigation of dermatophytes isolated from the skin of normal cattle and cattle with dermatophytosis and their environment.
- Alkouni, S.A. 1994. MVM An investigation of dermatophytes isolated from the skin of normal cattle and cattle with dermatophytosis and their environment.
- O'Reilly, B.P. 1994. MAgrSc Fungicide strategies for the control of *Septoria* diseases of winter wheat.
- Zheng, J. 1994. MSc Investigations on 'oat mosaic' disease of winter-sown oats dually infected by oat mosaic virus (OMV) and oat golden stripe virus (OGSV).
- O'Neill, C. 1995. MSc An evaluation of *in vitro* methods for the production of ectomycorrhizal fungus inoculum.
- Ryan, J.G. 1995. PhD Studies on the amyloglucosidase of a *Penicillium* species.
- Choiseul, J.W. 1996. PhD The characterisation, pathogenicity and control of *Fusarium* spp. that cause dry rot of potato.
- Duff, B. 1996. MSc Studies on the alpha-glucosidase of *Candida fennica* CBS 5928
- McGrath, R.M. 1996. PhD Aspects of biodegradation of pentachlorophenol by *Phanerochaete chrysosporium*.
- McLaughlin, S.M. 1996. PhD Gene transfer in filamentous fungi.
- Murphy, E. 1996. PhD The biology of *Tricholomopsis rutilans*: its cell-wall-degrading ability and its interactions with mycorrhizal fungi and conifer seedlings.
- Valentine, A. 1996. PhD Effect of arbuscular mycorrhizal infection on photosynthesis, nutrient status and growth of cucumber plants.
- Fanning, M.J. 1997. MAgrSc An evaluation of screening techniques to access *Fusarium* head blight resistance in spring wheat, *Triticum aestivum* L.
- Hore, W.P. 1997. PhD Genetic manipulation of the filamentous fungus *Aspergillus terreus*.
- Osborne, M. 1997. MSc Sugar acquisition by an endomycorrhizal fungus, *Hymenoscyphus ericae* and its association with cranberry.
- O'Sullivan, D.M. 1997. PhD Genome structure and plasticity in *Colletotrichum lindemuthianum*.
- Scott, C.M. 1997. MAgrSc Studies on *Verticillium fungicola*, the organism associated with dry bubble disease of cultivated mushrooms in Ireland.
- Bannon F.J. 1998. PhD Effects of a wheat/clover intercrop on the development of *Septoria tritici* blotch.
- Byrne, J.J. 1998. MAgrSc Disease control and yield improvement in winter wheat using strobilurin and triazole chemicals.

- Carter, G. 1998. MSc The macro-mycoflora of natural and semi-natural grasslands in Ireland.
- Friel, M.T. 1998. PhD Development of inocula delivery systems for the cultivation of the button mushroom *Agaricus bisporus*
- King, L.M. 1998. PhD Regulation of expression of the chitinase gene (CTSI) in *Saccharomyces cerevisiae*
- McEnery, O.E. 1998. MAgrSc *Fusarium* head blight-causing species on spring and winter wheat (*Triticum aestivum* L.) in Ireland, 1997.
- Morrissey, B.R. 1998. PhD A study of the sesquiterpene aryl esters of *Armillaria* species.
- Omodo-Eluk, A.J. 1998 MSc Studies on *Malassezia pachydermatis* from the skin of dogs with allergic dermatitis and from dogs with seborrhoeic dermatitis.
- O'Neill, J.J.M. 1998. PhD The mycorrhizal association of tree seedlings in an Irish bare-root nursery.
- Abosriwil, S.O. 1999. PhD Effects of fungicides and disinfectants on weed moulds and fungal pathogens of cultivated mushroom (*Agaricus bisporus*).
- Diamond, H. 1999. PhD Studies on the *Fusarium* disease complex of cereals.
- Doherty, S.K. 1999. M.Sc Genetic manipulation of *Trichoderma reesei*.
- Flanagan, D.D. 1999. MAgrSc An assessment of the phytopathogenic status of the Lamb-Clarke historical Irish apple collection.
- Kós, S.M. 1999. PhD The polygalacturonase of *Geotrichum candidum*.
- Mulhare, J.J. 1999. MSc Strategies for disease control, grain yield and quality improvement in winter wheat with strobilurin and triazole fungicides.
- Nolan, S.M. 1999. PhD Studies on the interaction between *Mycosphaerella graminicola* and *Phaeosphaeria nodorum* in wheat.
- Connolly, K. 2000. PhD Studies on the coprophilous mycobiota of sheep and cattle.
- Kavanagh, C.G. 2000. PhD Investigation of anthocyanin gene expression and population differentiation in *Mycelis muralis*.
- Lanigan, G.J. 2000. PhD Intraspecific and interspecific comparison of the acclimation of *Mycelis muralis* in different light environments.
- Maguire, M.M. 2000. MAgr Sc Field studies on nitrogen and fungicide programmes for grain yield and quality improvements in spring malting barley.
- McDonnell, R.M. 2000. PhD Investigation into the role of YRB 1 in the cell cycle of *Saccharomyces cerevisiae*
- Moylan, R.R. 2000. MAgr Sc Field studies on nitrogen, fungicide and plant growth regulator inputs on F1 hybrid winter wheat.
- O'Brien, D. 2000. MSc Fungicidal evaluation of an essential oil of the Ranunculacea.
- O'Conallain, C.A. 2000. PhD Analysis of the transcription factor ACEZ from *Saccharomyces cerevisiae*.
- Teubig, P. 2000. MAgrSc Presymptomatic detection of *Septoria tritici* Rob. ex Desm. in winter wheat.

UNIVERSITY COLLEGE GALWAY

- Canavan, P.M.T. 1977. PhD Physiological studies on terrestrial and marine fungi.
- Hegarty, B.M. 1982. PhD Wood decay by fungi under controlled environmental conditions and in the sea.
- McHale, A.P. 1982. PhD The components of the cellulase system of *Talaromyces emersonii* with emphasis on the beta-glucosidases.
- Moloney, A.P. 1984. PhD The extracellular enzyme system of *Talaromyces emersonii*. Hydrolysis of lignocellulosic wastes and characterisation of the endoglucanase components.
- Lawless, F.N. 1997. PhD Expression of a novel transglutaminase cDNA from guinea pig liver in *Aspergillus oryzae*.
- McCarthy, T.C. 1997. PhD Studies on the b-(1,3)(1-4)-d glucan degrading activities secreted by *Talaromyces emersonii* CBS 814.70 and mutant strains
- Walsh, D.J. 1998. PhD Purification and characterisation of the exocellobiohydrolases of *Talaromyces emersonii* CBS 814.70

UNIVERSITY COLLEGE MAYNOOTH

- O'Reilly, P. 1984. PhD Ecological studies of *Septoria nodorum* Berk. (*Leptosphaeria nodorum* Muller) on symptomless winter wheat.
- Wilson, C. 1986. PhD Studies of the killer yeast *Kluyveromyces lactis*.
- Gallagher, J.A. 1991. PhD The fermentation and isolation of mycophenolic acid and its activity on *Candida albicans*.
- Kavanagh, K.A. 1991. PhD Studies on the physiology and genetics of the xylose fermenting yeast *Pachysolen tannophilus*.
- Ellabib, M.S. 1992. PhD Mode of action of octenidine and pirtenidine against yeasts.
- Geraghty, M.M. 1996. PhD Studies on germination deficient mutants of *Candida albicans*.
- Law, C.M. 1996. PhD A survey of the effects of several different antifungal/antimycotic drugs on the cell wall and pathogenicity of *Candida albicans*.
- Egan, H.M. 1997. PhD The contribution of the mitochondrion to the pathogenicity of *Candida albicans*.
- O'Connor, D.I. 1997. PhD Studies on mitochondrial respiration in *Kluyveromyces lactis* and other petite-negative yeasts.
- Tinley, F.C. 1997. PhD Genetic manipulation and lactose fermentation studies of yeasts of the genus *Kluyveromyces*.
- Cotter, G.M. 1999. PhD A study of the effects of anti-neoplastic agents on the virulence of *Candida albicans*.
- Daly, P.W. 2000. PhD A study of the interaction of *Aspergillus fumigatus* virulence factors with human cancer

NEW UNIVERSITY OF ULSTER

- Brady, D. 1996. DPhil Ethanol production by the thermotolerant yeast strain *Kluyveromyces marxianus* IMB3, during growth on lactose-containing media.
- Barron, N. 1997. DPhil Studies on the bioconversion of cellulose substrates by the thermotolerant yeast, *Kluyveromyces marxianus* IMB3 at 45°C.
- Gough, S. 1998. DPhil Production of ethanol from molasses using the thermotolerant yeast strain *Kluyveromyces marxianus*.
- Keogh, M.P. 1998. DPhil The use of the thermotolerant yeast *Kluyveromyces marxianus* IMB3 for ethanol production from whey permeate at 45°C.

QUEEN'S UNIVERSITY, BELFAST

- McCracken, A.R. 1976. PhD Cultural and ecological studies of the potato gangrene pathogen.
- Rartoredjo, I.T. 1978. MSc Studies on parsnip canker and review of post harvest losses in tropical food produce.
- Musc, M.M. 1979. PhD Studies on benomyl tolerant and sensitive strains of *Botrytis cinerea*.
- Croke, F.M. 1980. PhD Studies on the aetiology and life cycle of the potato gangrene pathogen.
- Adikaram, N.K.B. 1981. PhD A study of the latent infection of fruit of *Capsicum* spp. by *Colletotrichum capsici* and *Glomerella cingulata*.
- Sharma, S. 1981. PhD A study of *Septoria nodorum* affecting wheat and barley with special reference to cross-infection
- Chand, T. 1982. PhD Studies on the stem canker and black scurf disease of potato with special reference to fungicidal control and assessment of host reaction.
- Hossain, M. 1982. PhD Studies of blackleg disease of potato with special reference to the development of methods for assessing cultivar reaction.
- Rhodes, D.J. 1985. PhD Effects of fluorescent *Pseudomonas* sp. on the potato blackleg syndrome.
- Brady, R. 1987. PhD The use of fluorescent antibody technique to study the mechanism of PVYo transmission by aphids
- Bratt, R.P. 1987. PhD Spoilage of senescing flax by *Botrytis cinerea* Pers.
- Keay, S.M. 1987. PhD *Psilocybe semilanceata*: hyphal interactions with the roots of grassland flora.
- Finlay, R.A. 1987. PhD Microbial suppression of *Phytophthora cinnamomi*.
- Burgess, P.J. 1989. PhD Studies on the biology of soft-rot erwinias on potato leaves.
- Marquinez Ramirez, R. 1989. MSc Effects of cultivar, pathogen strain and fungicide on development of potato late blight.
- Rutherford, M.A. 1989. PhD Biological control of *Rhizoctonia solani* on potatoes.

- Ward, J.S. 1989. PhD Suppression of *Pythium*-induced replant diseases by antagonistic microorganisms.
- Wood, J.R. 1989. PhD Ice nucleation active bacteria on potatoes in Northern Ireland.
- Foster, G.D. 1990. PhD The structure and expression of the genome of potato virus S.
- Meehan, B.M. 1990. PhD Inter-relationships of members of the carlavirus group.
- Soepena, H. 1990. PhD Interactions between strains of *Colletotrichum gloeosporioides* and clones of *Hevea* spp.
- Walker, A.S.L. 1990. PhD Comparison of phenylamide-sensitive and phenylamide-resistant strains of *Phytophthora infestans*.
- Anderson, S.V. 1991. PhD The nucleotide sequence and genomic organisation of the potato mop top virus.
- Millar, A.W. 1991. PhD Relationships between pathotypes of bean common mosaic virus.
- Moore, M.L. 1991. PhD The molecular relationship of potato virus V with other members of the potyvirus group.
- Alahakoon, P.W. 1993. PhD Cross-infection potential of isolates of *Colletotrichum gloeosporioides* among tropical fruits.
- Stanley, M. S. 1993. PhD Regulation of polygalacturonase produced by *Colletotrichum musae* in relation to its role as a crown rot pathogen on banana.
- Osman, M.H. 1994. PhD The molecular basis for Ry gene incubation of potato virus Y.
- Sicilia, C. 1995. MPhil The interaction of pathogenic fungi and *Erwinia carotovora* ssp. *Atroseptica* on potato tubers.
- Weston, J.H. 1995. PhD Expression of the 3-Terminus of potato virus S.
- Chipili, J. 1996. MPhil The genetic diversity in *Colletotrichum falcatum* and its relationship to *C. graminicola* and *C. sublineolum*.
- Fulton, C.E. 1996. PhD The isolation of virulence genes from the ubiquitous plant pathogen, *Colletotrichum gloeosporioides*.
- Giannopoulos, G.I. 1996. MSc Microbial interactions in nutrient film technique grown tomatoes.
- Muthumeenakshi, S. 1996. PhD Molecular taxonomy of the genus *Trichoderma*.
- Taggart, P. 1996. MPhil Benzimidazole resistance in *Rhynchosporium secalis* in Northern Ireland.
- Allen, C. 1997. PhD Characterisation of *Melampsora* rust disease of willow clones grown for biomass.
- Ward, L. 1997. MPhil The epidemiology and forecasting of barley yellow dwarf virus in winter cereals.
- McKay, G.J. 1998. PhD A molecular analysis of *Alternaria* pathogens associated with linseed.
- Mukherjee, G. 1998. PhD The control of seedborne diseases of *Linum usitatissimum* by biological control agents.

- Carlisle, D.J. 2000. PhD The diversity of the *Phytophthora infestans* population in Northern Ireland.
- Lyons, G.A. 2000. PhD The importance of *Scytalidium thermophilum* in the production of mushroom compost for the growth of *Agaricus bisporus*.

TRINITY COLLEGE DUBLIN

- Wilson, U.E. 1978. PhD Cytological evaluation of general resistance in potato to *Phytophthora infestans* (Mont.) de Bary.
- Clancy, F.G.J. 1979. PhD Comparative carbohydrate physiology of susceptible and resistant flax in response to inoculation with the flax rust.
- Allen, F.H.E. 1980. PhD Compatible and incompatible interactions of flax rust and its host: a comparative light and electron microscope study.
- Cassidy, D.S.M. 1980. MSc Histological, histochemical and ultrastructural comparison of some compatible and incompatible interactions between flax rust, *Melampsora lini* (Ehrenb.) Lév. in *Linum usitatissimum* L. and crown rust, *Puccinia coronata* Corda, in *Lolium perenne* L.
- Hickey, E.L. 1980. PhD The downy mildew fungus *Peronospora pisi* Sydow in its host *Pisum sativum* in fine-structural and cytochemical investigations of the host-parasite interface and the ultrastructural effects of the systemic fungicide Ridomil.
- Chang, L.H. 1982. PhD Evaluation of general resistance to *Phytophthora infestans* (Mont.) de Bary in potato and some studies with the systemic fungicide metalaxyl.
- Harvey, R.I.E. 1982. MSc Some effects of nutrient levels on the deoxyribonucleases of *Aspergillus nidulans* and attempts to identify nuclear deoxyribonuclease.
- O'Dowd, A.B. 1983. MSc The kinetic mechanism of histidinal dehydrogenase from *Neurospora crassa*.
- Tubridy, M.C. 1983. PhD A microbiological approach to acid mine waste vegetation.
- Casey, A.D. 1986. MSc Virus elimination from rose and poplar using meristem tissue culture.
- Woodlock, J.M. 1987. MSc Some interactions of sewage fungus and fish in Irish rivers.
- Canning, A.M. 1992. MSc The chemistry of *Alternaria chrysanthemi*.
- Peacock, J.M. 1993. PhD Studies on the effect of air pollution on the leaf yeast *Sporobolomyces roseus* Kluyver and Van Niel, with particular reference to sulphur dioxide.
- Dawson, D. 1995. MSc The role of fungi in the immobilisation and translocation of Cs¹³⁷ in the organic horizons of a conifer forest in Ireland.
- Malcuit, I.M. 1999. PhD Analysis of a gene-for-gene interaction between potato virus X and the potato hypersensitive resistance gene Nb.
- O'Reilly, N. 2000. MSc Physiological response of spring barley (*Hordeum vulgare* L.) to necrotic blotching.

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