

Dr Philip O'Brien: Selected Publications

Bellinge RHS, Liberles DA, Iaschi SPA, O'Brien PA, Tay GK (2005) Myostatin and its implications on animal breeding: a review. *Animal Genetics* **36**, 1-6.

Dobrowolski MP, Tommerup I, Blakeman H, O'Brien P (2002) Non-Mendelian inheritance revealed in a genetic analysis of sexual progeny of *Phytophthora cinnamomi* with microsatellite markers. *Fungal Genetics and Biology* **35**, 197-202.

Dobrowolski MP, Tommerup I, Shearer B, O'Brien P (2003) Three clonal lineages of *Phytophthora cinnamomi* in Australia revealed by microsatellites. *Phytopathology* **93**, 695-704.

Dobrowolski MP, Tommerup IC, O'Brien PA (1998) Microsatellites in the mitochondrial genome of *Phytophthora cinnamomi* failed to provide highly polymorphic markers for population genetics. *FEMS Microbiol. Letts* **163**, 243-248.

Driessen S, Hardy G, O'Brien P (2003) Genetic and morphological variation of *Puccinia boroniae* infecting cultivated Boronia in Western Australia. *Australasian Plant Pathology* **33**, 77-82.

Driessen SA, O'Brien PA, Hardy GES (2004a) Diversity of *Puccinia boroniae* assessed by teliospore morphology and restriction fragment patterns of ribosomal DNA. *Australasian Plant Pathology* **33**, 77-82.

Driessen SA, O'Brien PA, Hardy GES (2004b) First report of *Sphaerellopsis filum* on *Puccinia boroniae* in Australia. *Australasian Plant Pathology* **33**, 463-464.

Glen M, Tommerup IC, Bougher NL, O'Brien PA (2001a) Interspecific and intraspecific variation of ectomycorrhizal fungi associated with *Eucalyptus* ecosystems as revealed by ribosomal DNA PCR-RFLP. *Mycological Research* **105**, 843-858.

Glen M, Tommerup IC, Bougher NL, O'Brien PA (2001b) Specificity sensitivity and discrimination of primers for PCR-RFLP of higher basidiomycetes and their applicability to identification of ectomycorrhizal fungi in *Eucalyptus* forests and plantations. *Mycol. Res.* **105**, 138-149.

Glen M, Tommerup IC, Bougher NL, O'Brien PA (2002) Are *Sebacinaceae* common and widespread ectomycorrhizal associates of *Eucalyptus* spp. *Mycorrhiza* **12**, 243-247.

MacNish GC, O'Brien PA (2003a) Development of a PCR assay for detection of the thin binucleate *Rhizoctonia* causing Eradu patch disease of lupin and barley. *Australasian Plant Pathology* **32**, 289-297.

MacNish GC, O'Brien PA (2003b) The thin binucleate *Rhizoctonia* causing Eradu patch is widespread in lupin and cereal crops in Western Australia. *Aust. Pl. Pathol.* **32**, 299-304.

MacNish GC, O'Brien PA (2005) RAPD-PCR used to confirm that four pectic isozyme (zymogram) groups within the Australian *Rhizoctonia solani* AG 8 population are true intraspecific groups. *Australasian Plant Pathology* **34**, 245-250.

Manatunga V, Sonati H, Tan P, O'Brien P (2005) Maceration of plant tissue by fungi is inhibited by recombinant antipectinase antibodies. *European Journal of Plant Pathology* **112**, 211-220.

Milton N, Toze S, Thies JE, Sparling GP, O'Brien P (1996) Western Australian soils vary in their pattern of nitrification and the presence of autotrophic nitrifying bacteria. In 'Australian and New Zealand National Soils Conference'. University of Melbourne pp. 185-186. (New Zealand Society of Soil Science)

Morgan U, Constantine CC, O'Donoghue P, Meloni BP, O'Brien PA, Thompson RCA (1995) Molecular characterisation of *Cryptosporidium* isolates from humans and other animals using RAPD (random amplified polymorphic DNA) analysis. *Am. J. Trop. Med. & Hygiene* **52**, 559-564.

O'Brien P (2003) Advances in technology for detection of plant pathogenic microorganisms. In 'Phytophthora in Native Ecosystems'. (Eds J McComb, GS Hardy and I Tommerup). (CSIRO Publishing: Melbourne)

O'Brien P, Zamani M (2003) Production of pectic enzymes by barepatch isolates of *Rhizoctonia solani* AG 8. *Australasian Plant Pathology* **32**, 1-8.

O'Brien PA, MacNish GC, Milton NMK (2001) The resistance of transgenic tobacco to *Rhizoctonia solani* AG-4 and AG-8 is not the same. *Aust Plant Pathology* **30**, 221-225.

Tommerup IC, Barton JE, O'Brien PA (1995) Reliability of RAPD fingerprinting of three basidiomycete fungi, *Laccaria*, *Hydnangium*, and *Rhizoctonia*. *Mycol. Res.* **99**, 179-186.

Tommerup IC, Dobrowolski MP, Huberli D, O'Brien PA, Hardy GESJ, Shearer BL (2000) Risks and threats due to genetic variation in *Phytophthora cinnamomi* for disease management in natural vegetation ecosystems. In 'Phytophthora Diseases of Wild Lands'. (Ed. E Hansen) pp. 55-62. (OSU Press: Corvallis)