

Dr Donna MacCallum is currently a research fellow and principal investigator in the Aberdeen Fungal Group, University of Aberdeen, UK. She began her research career in the laboratory of Professor Neil Gow, where she was awarded her PhD in Microbiology in 1998. After her PhD, Dr MacCallum worked as a research fellow investigating the immunology of kidney disease, but returned to mycology in 2000 when she accepted a research fellow post working with Professor Frank Odds. Dr MacCallum continued to work with Professor Odds until his retirement in 2009, when she established her own research group at the University of Aberdeen.

Dr MacCallum's research interests include the pathogenesis of fungal infection, particularly *Candida albicans* infections, experimental fungal infection models and antifungal therapies. She is particularly interested in embedding the 3Rs (replacement, refinement and reduction) in fungal research and has been awarded NC3Rs (<http://www.nc3rs.org.uk>) funding to develop new models to investigate host-fungus interactions.

Dr MacCallum has published over 50 scientific papers, reviews and book chapters, and is an Associate Editor of the official ISHAM journal, Medical Mycology. She also serves as a reviewer for numerous other journals. Dr MacCallum is currently the outgoing Honorary Treasurer of the British Society for Medical Mycology (BSMM) (www.bsम्म.org), a post that she has filled since 2004. She is also a member of various scientific societies, including ISHAM, BSMM, the American Society for Microbiology (ASM) and the Society for General Microbiology (SGM).

Contact:

Dr Donna MacCallum
Aberdeen Fungal Group
School of Medical Sciences
Institute of Medical Sciences
University of Aberdeen
Foresterhill
Aberdeen
UK
AB25 2ZD

Tel. +44 1224 437425

Email. d.m.maccallum@abdn.ac.uk

Web page: <http://abdn.ac.uk/sms/staffprofile.php?id=d.m.maccallum>