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Deputy Head and Associate Dean for Biomedical Science - Laboratory Medicine - Pharmacy - Medical Radiation Science of the Curtin Medical School at Curtin University, Perth, WA, Prof. for Molecular Medical Mycology at the Sydney Medical School, University of Sydney, NSW, Australia, and Guest Prof. at Fundação Oswaldo Cruz (FIOCRUZ) in Rio de Janeiro, Brazil.

PhD 1992 Humboldt University of Berlin, Berlin, Germany, postdoctoral fellow 1992-1995 Duke University Medical Center, Durham, NC, USA, Chief Scientist Molecular Mycology Research Laboratory 1995-2022 at the University of Sydney/Westmead Hospital.

His research focuses on the evolution, phylogeny, speciation, population genetics, genomics, molecular epidemiology, strain typing, antifungal resistance, the development of fast and reliable molecular identification techniques for human/animal fungal pathogens, the impact of mycoses on global health, public health preparedness to respond to fungal disease outbreaks, and the understanding of fungal pathogenesis on a molecular level. He is leading international research teams investigating the global epidemiology of the *Cryptococcus neoformans/C. gattii* species complex ([mlst.mycologylab.org](http://mlst.mycologylab.org)) and establishing quality-controlled sequence databases ([its.mycologylab.org](http://its.mycologylab.org)) for fungal DNA barcoding bringing metagenomics to the patient's bedside to enable a fast identification of human fungal pathogens to guide antifungal treatment. He is leading the CDC funded LatAsp study to survey the presence of *Aspergillus fumigatus* azole resistance in the environment in Latin America.

His research is funded by research grants including the National Health and Medical Research Council (NH&MRC) Australia, the National Institute of Health (NIH) USA, Coordenação de Aperfeiçoamento de Pessoal de Nível Superior (CAPES), Brazil and industry partners.

He is the curator of the Perth part of the Westmead Hospital Medical Mycology Culture Collection, housing over 11,000 strains.

He has published over 260 peer reviewed research papers, total citations 12,331 and an h-index of 57.

He is leading research in medical mycology on a global level as the President (since 2018), Vice-President (2006-2010) and Executive Committee Member (since 2010) of International Mycological Association (IMA). He was the Vice-President (2011-2015) and General Secretary (2015-2018) of the International Society of Human and Animal Mycology (ISHAM). He was the Vice-President (1998-2002) and the President (2002-2005) of the Australasian Mycological Society. He is the Mycology SIG convenor of Australian Society of Microbiology. (ASM).

He is a senior editor of IMA Fungus, associated editor Personia-Molecular Phylogeny and Evolution of Fungi, Microbiology Australia, and Japanese Medical Mycology Journal (MMJ).