

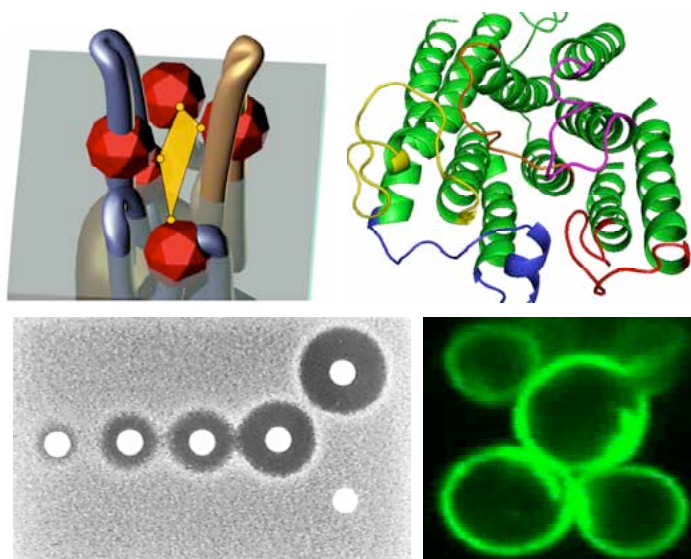
PhD Studentship in Membrane Protein Expression

Molecular Microbiology Laboratory

Department of Oral Sciences

University of Otago

Dunedin, New Zealand



The Molecular Microbiology Laboratory has secured funding from the Foundation for Research, Science and Technology that will support the development and commercialisation of a yeast system for the expression of human membrane proteins. A PhD candidate is sought to undertake a programme of research that will use yeast and human proteins to optimise functional protein expression for structural analysis and drug discovery. The project will involve the development of a system that already expresses fungal membrane proteins at unprecedented levels (Lamping, E. et al Eukaryotic Cell, 4, 1150-1165, 2007). The PhD candidate will join a team of senior post-doctoral researchers in the laboratory of Professor Richard Cannon and there will be opportunity to interact with collaborating laboratories in Japan (Tokyo Institute of Technology and the National Institute for Infectious Diseases in Tokyo) and the United States (Department of Biochemistry and Biophysics, University of California San Francisco). Exceptional, well-motivated, honours and masters graduates with basic microbiological, biochemistry, genetic and/or molecular biology skills are encouraged to apply.

The stipend for the PhD candidate will be up to NZ\$25,000 per annum (depending on academic achievement) for 3 years plus New Zealand domestic fees for eligible students. A January 2008 start date is anticipated.

Expressions of interest and requests for further information should be directed to Dr Brian C. Monk, Senior Research Fellow, Molecular Microbiology Laboratory, Department of Oral Sciences, University of Otago, PO Box 647, Dunedin, New Zealand.

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