

Friday June 10, 2005

Wesley Hospital, 451 Coronation Drive, Auchenflower, Brisbane

Queensland Postgraduate Medical Research Student Conference Queensland's best and brightest present their work

Guest Speaker:

Professor John Mattick, Director Institute of Molecular Biology, University of Queensland.

Professor Mattick is the Foundation Professor of Molecular Biology and Director of the IMB at the University of Queensland. His research interests are in the molecular genetics of bacterial pathogenesis and the role of noncoding RNA in the evolution and development of complex organisms. He has recently developed a new theory of the structure of genetic information in the higher organisms, which may explain the purpose of the so-called junk DNA in the human genome as the control architecture for human development.

Improved healing for diabetic ulcers - Anthony Noble, QUT. Studying sticky protein and growth factors for their ability to promote skin cells to heal diabetic ulcers. Research Funding: Diabetes Aust. Rsh Trust, QUT and Tissue Therapy Ltd.

Understanding why some tumours respond to treatment and others do not - Michelle Neller, QIMR. Looking at the differences between immune cells of patients whose tumours responded to treatment and those who did not. Research Funding: NHMRC and APA

Improving wound dressings - Erin Rayment QUT. Techniques to improve wound dressings by producing a sterile product which is flexible and cool to the skin. Research Funding: QUT and Tissue Therapy Ltd

The human parasite Schistosoma Mansoni. Mark Pearson, QIMR. - the parasite causes schistosomiasis, a disease responsible for 500,000 deaths per year. This work has identified proteins which may help in the development of a vaccine to prevent schistosomiasis. Research Funding: University of Queensland Scholarship

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