

UNIVERSITY OF SYDNEY

SCHOOL OF MATHEMATICS AND STATISTICS

Statistics Seminar

Friday, 4 August, 2.00pm

Eastern Avenue Lecture Theater

Issues in gene expression analysis and beyond.

Dr Jean Yee Hwa Yang School of Mathematics and Statistics The University of Sydney

Abstract

Microarray experiments performed in many areas of biological sciences generate large and complex multivariate datasets. Furthermore, integration of expression studies and other biological metadata such as gene annotation, sequence information helps to faciliate better intepretation of the biological data. In this talk, I will illustrate some of these ideas using a microarray experiment that aims to understand alveolar epithelial development and differentiation in lung.

Enquiries about the Statistics Seminar should be directed to Marc Raimondo (marcr@maths.usyd.edu.au)