



THE UNIVERSITY OF
WESTERN AUSTRALIA

Achieving International Excellence

Centre for Genetic Epidemiology and
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Monday, June 25, 2012

Prof. Shoba Ranganathan
Chair of Bioinformatics
Macquarie University

Dear Prof. Ranganathan,

The NeCTAR funded Cloud-based Bioinformatics Tools project team, UWA and the Centre for Genetic Epidemiology at UWA are very pleased to be involved in the Proteomics Virtual Laboratory proposal that you are leading. We believe that the outcomes of this project will significantly enhance the ability of clinical researchers to integrate proteomics data into their research projects.

The Cloud-based Bioinformatics Tools project team is dedicated to developing and supporting a suite of integrated, open-source, web-based tools to assist medical researchers with the collection, management and analysis of clinical and cohort-based gene-based data sets. The extension of these tools to incorporate proteomics data and to integrate these tools into the Proteomics Virtual Laboratory is a logical extension of the project.

The Centre for Genetic Epidemiology has several major areas of research interest:

- Enabling the internationally unique population-based epidemiological resources in Western Australia for genetic research.
- Conducting methodological research in statistical genetics and bioinformatics.
- Performing applied research in the genetic epidemiology of specific clinical diseases such as asthma, age-related macular degeneration, melanoma, cardiovascular disease, diabetes, schizophrenia and sleep disorders.
- Examining the social, ethical and legal context for genetic research and genomic medicine.

The University of Western Australia has committed to support this project by providing a "cash and in-kind" equivalent to \$112,100 (cash component = \$63,000) to support the integration of the proteomics capabilities of the Proteomic Virtual Laboratory into the tools being developed by the Cloud-Based Bioinformatics Tools project.

Best Regards

Paul

Paul White
Manager Informatics Systems Development
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