

## **POST-DOCTORAL POSITION AVAILABLE IMMEDIATELY**

### **BioMANTA: Modeling, Visualization and Analysis of Biological Network Activity**

The “BioMANTA project: Modeling and Analysis of Biological Network Activity” is a scientific research collaboration between the University of Queensland’s School of Information Technology and Electrical Engineering, (<http://www.itee.uq.edu.au/>) the Institute of Molecular Biology IMBcom Pty Ltd (<http://www.imb.uq.edu.au/>) and the world’s largest pharmaceutical company, Pfizer Inc (<http://www.pfizer.com>).

A Postdoctoral Research Fellow (up to ARA108) or equivalent research general staff position is available to lead the UQ involvement in the project. Working closely with the Chief Investigators, this position will be responsible for (1) designing and developing survey and analysis methods for biological and chemical data sources and relevant data standards, (2) converting and integrating with existing public RDF data sources to produce RDF modeling of multiple public biological and chemical data sources, (3) developing methods for semantic pathway inferencing of protein-protein interaction network dynamics, and (4) developing filtering, analysis and visualization methods of BioMANTA data.

This 30-month position will be based at the School of Information Technology and Electrical Engineering at the University of Queensland – in the eResearch group: <http://www.itee.uq.edu.au/~eresearch> but will be working closely with researchers within the Institute of Molecular Biology (IMB).

Contingent on successful negotiation of the funding contract, the position will be available from January 2007. Interested persons are asked to contact Professor Jane Hunter by email ([jane@itee.uq.edu.au](mailto:jane@itee.uq.edu.au)) or by phone + 61 (0) 7 3365 1092.