



Annette McGrath

Annette McGrath undertook undergraduate studies in Biochemistry at University College Cork, Ireland. She obtained her PhD studies in applying molecular biology methods to strain identification of *Mycobacterium tuberculosis* complex organisms, also at University College Cork in 1996. She then worked as a postdoctoral research associate in the laboratory of Prof. Des Higgins on multiple sequence alignment and the development of tools for profile alignment of a DNA

sequence to a large reference alignment.

Annette joined Genesis Research and Development Corporation Ltd in Auckland, New Zealand as a bioinformatics staff scientist in 1998. Genesis possesses a substantial forestry EST database and Annette was involved in data management of this resource, provision of tools, data analysis and end-user education and training. She subsequently became a Team Leader with responsibility for software development at Genesis. In January 2002, she joined Australian Genome Research Facility where she is currently the Bioinformatics Manager with responsibility for bioinformatics data analysis and LIMS database development. Her recent projects undertaken at AGRF include the sequencing and annotation of a number of bacterial genomes, creation of databases for microsatellite-based identity preservation and LIMS database development to handle AGRF client information and management of high-throughput processes for the varied services of the AGRF. She is currently involved in the management of data and creation of LIMS and analysis tools for the 2X coverage of the wallaby genome project in collaboration with Baylor College of Medicine Human Genome Sequencing Centre.