

# Summary of Linkage Infrastructure, Equipment and Facilities Proposals

## Western Australia

### Murdoch University

**LE0775763** Prof MG Jones; Prof R Appels; Prof DJ Hampson; Dr RP Tiwari; Dr DM Groth; Dr GW O'Hara; Dr C Li; A/Prof GE Hardy; Dr W Ma; A/Prof RD Trengove; Dr GI Dwyer; Prof GE Wilcox; Dr M Francki; Dr RJ Lipscombe

**Approved Project Title** **High throughput orthogonal mass spectrometer for biotechnology research in WA**

**2007 :** \$ 189,000

**Primary RFCD** 2708 BIOTECHNOLOGY

### Partner Organisations & Collaborating Organisations

Curtin University of Technology  
The Department of Agriculture and Food WA  
Saturn Biotech Pty

**Administering Organisation** Murdoch University

### Project Summary

The new 'orthogonal' mass spectrometer will be housed at the WA State Agricultural Biotechnology Centre at Murdoch University (SABC). The SABC is a multi-user university centre that provides equal access for researchers from all universities, state government and industry to major facilities. The equipment will provide a competitive advantage to researchers undertaking fundamental and applied projects that underpin new developments in plant and animal agriculture. Outcomes include: development of new molecular markers to speed crop improvement and quality, animal genetic improvement and health, and support for new biotechnology companies. This will benefit the community through more productive, competitive and sustainable agriculture.