

Summary of Linkage Infrastructure, Equipment and Facilities Proposals

Tasmania

University of Tasmania

LE0775570 Prof JB Reid; Prof AJ Canty; Dr MG Gardiner; A/Prof AK West; Prof S Foote; Dr EF Hilder; Dr NW Davies; Dr JJ Ross; A/Prof BM Potts

Approved Project Title Purchase of a high resolution organic mass spectrometer

2007 : \$ 570,000

Primary RFCD 2702 GENETICS

Partner Organisations & Collaborating Organisations

Administering Organisation University of Tasmania

Project Summary

The diverse research supported by the new instrument is expected to encompass a wide range of beneficial outcomes in the areas of health, plant genetics and breeding, horticulture, chemistry and novel analytical technologies. Genetic studies will lead to improved plant crops and are expected to contribute to new treatments for multiple sclerosis and diabetes. Investigations in organic and organometallic chemistry will lead to the production of better materials, more efficient catalysts and novel drugs. This instrument will provide infrastructure essential to enabling researchers to maintain internationally competitive profiles in these areas.