

Summary of Linkage Infrastructure Applications for Funding to Commence in 2006

South Australia

The Flinders University of South Australia

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Approved Project Title **South Australian NMR Infrastructure Consortium**

2006 : \$800,000

Primary RFCD 2501 PHYSICAL CHEMISTRY (INCL. STRUCTURAL)

Partner Organisation(s)

The Flinders University of South Australia

The University of Adelaide

University of South Australia

The Australian Wine Research Institute

Administering Institution The Flinders University of South Australia

Project Summary

The proposed four pieces of NMR infrastructure will significantly enhance NMR facilities in South Australia. As a result, researchers from across the state will have access to a range of spectrometer field strengths to examine samples in the solution and solid phases. The infrastructure will support projects involving fundamental and strategic research spanning nanotechnology and the biological and materials sciences to industry-oriented projects. In addition, the proposal falls well within the South Australian state government's Science, Technology and Innovation plan for the next ten years to create and equip research precincts at various nodes within Adelaide.