

# Summary of Linkage Projects Proposals for Funding to Commence in 2007

## Tasmania

### University of Tasmania

**LP0776804** Dr MC Breadmore; Dr EF Hilder; Dr RA Shellie; Dr S Pyecroft; Mr NK Fox

**Approved Project Title** **Probing the Tasmanian Devil Serum Proteome for Preclinical Diagnosis of Devil Facial Tumour Disease**

**2007 :** \$ 29,813

**2008 :** \$ 29,813

**Primary RFCD** 2504 ANALYTICAL CHEMISTRY

#### **Collaborating/Partner Organisation(s)**

Department of Primary Industries and Water

**Administering Organisation** University of Tasmania

#### **Project Summary**

The Tasmanian Devil (*Sarcophilus harrisii*) is a carnivorous marsupial endemic to the island state of Tasmania, and is found all over the state. Over the past decade, a dramatic decline has occurred in the Devil population in association with the emergence of Devil Facial Tumour Disease (DFTD). This project aims to develop a preclinical diagnostic test for DFTD that will provide vital information for use in developing management strategies to ensure the ongoing survival of the Tasmanian Devil. The benefit to Australia in performing this research rests in the new technology that will be developed and the application of this technology to key areas of national and international significance.