

CXS

The Australian Research Council (ARC) Centre of Excellence for Coherent X-ray Science (CXS) brings together leading Australian researchers in the fields of physics, chemistry and biology. CXS is made up of scientists from the University of Melbourne, La Trobe University, Monash University, Swinburne University of Technology, Griffith University and the CSIRO.

WHY A PHD WITH CXS?

PhD students within CXS will acquire an unusually wide range of experience that will enable them to develop careers across a broad range of disciplines throughout physics, chemistry, biology and theoretical mathematics. CXS can help you achieve your goals and enhance your future career and life opportunities in Australia and overseas.

PROJECTS AVAILABLE:

- Development of Novel Antimalarial Drugs
- Erythrocyte Membrane Modifications during Malaria Infection
- Function of Molecular Chaperones in the Export & Display of Parasite Proteins
- Loss of Cell Polarity during Tumourigenesis
- Mitochondrial dynamics in health and disease
- Structural analysis of proteins involved in the assembly of membrane protein complexes
- Studies of Protein Trafficking and Cellular Organisation in Malaria Parasite-infected Erythrocytes
- Viral Control of Host Cell Death Signalling

SCHOLARSHIPS ARE NOW AVAILABLE.

For more information or to discuss collaboration with our researchers please contact:
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RESEARCH OPPORTUNITIES

BIOLOGICAL SCIENCES PROGRAM
LA TROBE UNIVERSITY