



Department of Biochemistry and Molecular Biology

2017 Seminar Series



**Wednesday 20th of September
12-1pm**

**Bio21 Institute Auditorium
30 Flemington Road, Parkville**

Dr Belinda Michell

Department of Biochemistry and
Molecular Biology

***Guiding the search for new drugs using structural
biology at the ACRF Rational Drug Discovery Centre.***

Our main areas of focus are protein targets implicated in cancer, infection and neurological diseases. Our aim is to understand the function of key proteins at a molecular level and to discover small molecules that alter the function of these proteins that may then be developed into clinically useful drugs. We use a wide array of techniques to produce the proteins implicated in these diseases and for the analysis of the protein size, shape, secondary structure and interactions with other molecules. My talk will give a brief overview of the techniques and the equipment used in the ACRF RDDC at SVI with some comments on how we hope to build a new innovative facility at Bio21.

*ALL WELCOME. Please join us for a light lunch after the seminar!
Further information: Matthew Dixon (matthew.dixon@unimelb.edu.au)*