Department of Biochemistry and Molecular Biology
2016 Seminar Series
Wednesday 1-2pm
Bio21 Auditorium

**Wed 27 July** Professor Rob Parton, University of Queensland  
*Cave exploration at the nanoscale: new insights into the structure and function of caveolae*

**Wed 3 August** Associate Professor Spencer Williams, University of Melbourne.  
*Sweet little surprises: New insights into structure and mechanism of glycoside hydrolases*

**Wed 10 August** Lee Yeoh, Ralph Lab., PhD Oration  
*The regulation and analysis of alternative splicing in apicomplexan parasites*

**Wed 17 August** Dr Bradley Turner, The Florey Institute.  
*Targeting autophagy modulation in motor neuron disease.*

**Wed 24 August** No seminar

**Wed 31 August** Professor Phil Bird, Monash University  
*The control of cytotoxic proteases by intracellular serpins*

**Wed 7 September** Dr Denisse Leyton, Australian National University  
*The autotransporter β-barrel: a generalised folding vector?*

**Wed 14 September** Dr Hamish McWilliam, Peter Doherty Institute  
*Detecting microbes by their metabolites: How MR1 binds and presents Vitamin B antigens*

**Thurs 15 September** Associate Professor Renae Ryan, University of Sydney  
*Molecular mechanisms of amino acid transporters*

**Wed 21 September** Dr Michael Lazarou, Monash University  
*How do the Parkinson’s disease proteins PINK1 and Parkin control mitochondrial health?*

**ALL WELCOME. Please join us for Afternoon Tea after the seminar!**  
**Further information: Greg Moseley (gregory.moseley@unimelb.edu.au)**
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**Wed 28 September** Professor Colin Pouton, Monash Institute of Pharmaceutical Sciences  
*Man vs wild: the challenge of gene delivery*

**Wed 5 October** Associate Professor Helen Thomas, St Vincent's Institute of Medical Research  
*Interferons and their inhibition in type 1 diabetes*

**Wed 12 October** Professor Melanie Bahlo, WEHI  
*TBA*

**Wed 19 October** Professor Jamie Rossjohn, Monash University  
*Immune sensing of vitamin B metabolites*

**Wed 26 October** Ashish Sethi, Gooley Lab., PhD Oration.  
*Understanding the role of LDLa-LRR linker in ligand binding and activation of its receptor Relaxin Family Peptide Receptor 1 (RXFP1)*

**Wed 2 November** Dr Erica Sloan, Monash Institute of Pharmaceutical Sciences  
*Blocking stress: repurposing cardiac drugs to stop cancer*

**Wed 9 November** Dr Joanne Hildebrand, WEHI  
*Necroptosis, explosive cell death*

**Wed 16 November** Dr Anne Verhagen, CSL  
*Advances in the treatment of hemophilia; exploiting the FcRn intracellular trafficking and recycling system to extend the in vivo half-life of therapeutic proteins*

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