

## RDM Annual Symposium

Monday 19<sup>th</sup> March 2018

Venue: Mathematical Institute, Andrew Wiles Building, Radcliffe Observatory Quarter, Woodstock Road, Oxford, OX2 6GG

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- 08.50 – 09.10 Registration**
- 09.10 – 09.20 Welcome from Professor Hugh Watkins, Head of RDM**
- 09.20 – 10.45 Session 1**  
Chair: Professor Hugh Watkins
- 09.20 – 09.40 Professor Andrew Wilkie, WIMM/NDCLS  
*Craniosynostosis - pathology and diagnosis in the era of whole genome sequencing*
- 09.40 – 10.25 **Keynote lecture**  
**Professor Fiona Powrie, Director of the Kennedy Institute, University of Oxford**  
***Gut reactions: Immune pathways in the intestine in health and disease***
- 10.25 – 10.45 Dr Katherine Pinnick, OCDEM  
*The metabolic consequences of fructose in adipose tissue: rogue or innocent bystander?*
- 10.45 – 11.50 Break and Poster Session no. 1**
- 11.50 – 13.10 Session 2**  
Chair: Associate Professor Catherine Porcher, MHU/WIMM/NDCLS
- 11.50 – 12.10 Professor Anna Gloyn, OCDEM  
*Unravelling mechanisms for Diabetes from GWAS: From Bench to Bedside*
- RDM Graduate Prize talks**
- 12.10 – 12.25 Dr Huw Colin York, HIU/WIMM/IMD  
*Biophysical control of the immune response*
- 12.25 – 12.40 Dr Thomas Riffelmacher, MHU/WIMM/NDCLS  
*Autophagy is Essential for Neutrophil Differentiation - Guiding an Energy-Metabolic Switch*
- 12.40 – 12.55 Dr Quentin Ferry, WIMM  
*In situ functional dissection of RNA cis-regulatory elements by multiplex CRISPR-Cas9 genome engineering*
- 12.55 – 13.05 Update on RDM initiatives
- 13.05 – 14.20 Lunch and Poster Session no. 2**
- 14.20 – 15.30 Session 3**  
Chair: Associate Professor Ellie Tzima, CVM
- 14.20 – 14.40 Professor Hugh Watkins, RDM  
*Genetic diagnosis in practice*
- 14.40 – 15.00 Dr Danuta Jeziorska, MHU/WIMM/NDCLS  
*Changes in real-time dynamics of the alpha globin transcription during erythropoiesis*
- Oral presentations selected from submitted abstracts**
- 15.00 – 15.15 Dr Clare Hardman, HIU/WIMM/IMD  
*Cutaneous bacterial sensing through ILC2 presentation of endogenous CD1a lipid antigens*
- 15.15 – 15.30 Mr Mike Bogetofte Barnkob, HIU/WIMM/IMD  
*Tumour-derived semaphorin inhibit tumour-specific T cells by affecting migration and the immunological synapse*
- 15.30 – 16.00 Break**
- 16.00 – 17.00 Session 4**  
Chair: Associate Professor Jan Rehwinkel, HIU/WIMM/IMD
- 16.00 – 16.20 Professor David Roberts, NDCLS  
*The INTERVAL trial: from an RCTs to genomics and personalised medicine*
- 16.20 – 16.40 Dr Eileen McNeill, CVM  
*Title TBC*
- 16.40 – 17.00 Professor Graham Ogg, HIU/WIMM/IMD  
*Translational impact of lipid-specific T cells and the skin*
- 17.00 – 17.15 Concluding remarks and presentation of the poster prizes & the Excellent Supervisor Award**
- 17.15 – 18.00 Drinks reception & discussion time**