RDM Annual Symposium
Thursday 14 March 2019
Venue: Mathematical Institute, Andrew Wiles Building, Radcliffe Observatory Quarter, Woodstock Road, Oxford, OX2 6GG

08.50 – 09.10 Registration
09.10 – 09.20 Welcome from Professor Hugh Watkins, Head of RDM
09.20 – 10.45 Session One
  Chair: Professor Hugh Watkins
  09.20 – 09.40 Professor Deborah Gill, NDCLS
  Gene therapy for rare diseases
  09.40 – 10.00 Professor David Jackson, MRC Human Immunology Unit (HIU)/WIMM/IMD
  Squeezing pushing and crawling - how migrant Leucocytes get along in the lymphatics
  10.00 – 10.45 Keynote lecture
  Professor Chas Bountra, Head of the Structural Genomics Consortium, University of Oxford
  Pharmaceutical companies want to work with academic researchers, innovators and entrepreneurs, in order to produce pioneer medicines for patients

10.45 – 11.50 Break and Poster Session Number One
11.50 – 13.10 Session Two
  Chair: Associate Professor Anne Goriely, WIMM/NDCLS
  11.50 – 12.10 Professor David Ray, OCDEM
  Circadian control of glucocorticoid action
  RDM Graduate Prize talks
  12.10 – 12.25 Dr Christopher Booth, MRC Molecular Haematology Unit (MHU)/WIMM/NDCLS
  Ezh2 and Runx1 Mutations Collaborate to Initiate Lympho-Myeloid Leukaemia in Early Thymic Progenitors
  12.25 – 12.40 Dr Evangelos Oikonomou, CVM
  Computed tomography phenotyping of perivascular adipose tissue for cardiac risk stratification
  12.40 – 12.55 Dr Marieke Oudelaar, WIMM/NDCLS
  Gene regulatory chromatin structures in 3D
  12.55 – 13.05 Update on RDM initiatives

13.05 – 14.20 Lunch and Poster Session Number Two
14.20 – 15.30 Session Three
  Chair: Dr Katja Gehmlich, CVM
  14.20 – 14.40 Dr Ed Morrissey, WIMM/NDCLS
  Using mathematical modelling to study the spread of mutations in human epithelium
  14.40 – 15.00 Professor Damian Tyler, CVM
  Lost in Clinical Translation - Imaging Cardiac Metabolism with Hyperpolarized MRI
  15.00 – 15.15 Dr Jakob Knudsen, OCDEM
  Glucagon secretion - is it a matter of fat?
  15.15 – 15.30 Dr Bethan Psaila, WIMM/NDCLS
  Using single-cell approaches to identify malignant clone-specific targets in myelofibrosis – a severe bone marrow malignancy

15.30 – 16.00 Break
16.00 – 17.00 Session Four
  Chair: Professor Simon Davis, WIMM/IMD
  16.00 – 16.20 Dr Tamara Davenne, WIMM/IMD
  SAMHD1 limits the efficacy of forodesine in leukaemia by protecting cells against cytotoxicity of dGTP
  16.20 – 16.40 Dr Gillian Douglas, CVM
  Defining the role of the GWAS hit JCAD in atherosclerosis
  16.40 – 17.00 Dr Andrea Pellagatti, NDCLS
  Impact of spliceosome mutations on RNA splicing in myelodysplastic syndromes: dysregulated genes/pathways and clinical associations

17.00 – 17.15 Concluding remarks and presentation of the poster prizes & the RDM Award for Excellent Supervision
17.15 – 18.00 Drinks reception & discussion time