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
      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
      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