

## RDM Annual Symposium

Thursday 14 March 2019

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

<b>08.50 – 09.10</b>	<b>Registration</b>
<b>09.10 – 09.20</b>	<b>Welcome from Professor Hugh Watkins, Head of RDM</b>
<b>09.20 – 10.45</b>	<b>Session One</b>
	Chair: Professor Hugh Watkins
09.20 – 09.40	Professor Deborah Gill, NDCLS <i>Gene therapy for rare diseases</i>
09.40 – 10.00	Professor David Jackson, MRC Human Immunology Unit (HIU)/WIMM/IMD <i>Squeezing pushing and crawling - how migrant Leucocytes get along in the lymphatics</i>
10.00 – 10.45	<b>Keynote lecture</b> <b>Professor Chas Bountra, Head of the Structural Genomics Consortium, University of Oxford</b> <i>Pharmaceutical companies want to work with academic researchers, innovators and entrepreneurs, in order to produce pioneer medicines for patients</i>
<b>10.45 – 11.50</b>	<b>Break and Poster Session Number One</b>
<b>11.50 – 13.10</b>	<b>Session Two</b>
	Chair: Associate Professor Anne Goriely, WIMM/NDCLS
11.50 – 12.10	Professor David Ray, OCDEM <i>Circadian control of glucocorticoid action</i>
	<b>RDM Graduate Prize talks</b>
12.10 – 12.25	Dr Christopher Booth, MRC Molecular Haematology Unit (MHU)/WIMM/NDCLS <i>Ezh2 and Runx1 Mutations Collaborate to Initiate Lympho-Myeloid Leukaemia in Early Thymic Progenitors</i>
12.25 – 12.40	Dr Evangelos Oikonomou, CVM <i>Computed tomography phenotyping of perivascular adipose tissue for cardiac risk stratification</i>
12.40 – 12.55	Dr Marieke Oudelaar, WIMM/NDCLS <i>Gene regulatory chromatin structures in 3D</i>
12.55 – 13.05	Update on RDM initiatives
<b>13.05 – 14.20</b>	<b>Lunch and Poster Session Number Two</b>
<b>14.20 – 15.30</b>	<b>Session Three</b>
	Chair: Dr Katja Gehmlich, CVM
14.20 – 14.40	Dr Ed Morrissey, WIMM/NDCLS <i>Using mathematical modelling to study the spread of mutations in human epithelium</i>
14.40 – 15.00	Professor Damian Tyler, CVM <i>Lost in Clinical Translation - Imaging Cardiac Metabolism with Hyperpolarized MRI</i>
15.00 – 15.15	Dr Jakob Knudsen, OCDEM <i>Glucagon secretion - is it a matter of fat?</i>
15.15 – 15.30	Dr Bethan Psaila, WIMM/NDCLS <i>Using single-cell approaches to identify malignant clone-specific targets in myelofibrosis – a severe bone marrow malignancy</i>
<b>15.30 – 16.00</b>	<b>Break</b>
<b>16.00 – 17.00</b>	<b>Session Four</b>
	Chair: Professor Simon Davis, WIMM/IMD
16.00 – 16.20	Dr Tamara Davenne, WIMM/IMD <i>SAMHD1 limits the efficacy of forodesine in leukaemia by protecting cells against cytotoxicity of dGTP</i>
16.20 – 16.40	Dr Gillian Douglas, CVM <i>Defining the role of the GWAS hit JCAD in atherosclerosis</i>
16.40 – 17.00	Dr Andrea Pellagatti, NDCLS <i>Impact of spliceosome mutations on RNA splicing in myelodysplastic syndromes: dysregulated genes/pathways and clinical associations</i>
<b>17.00 – 17.15</b>	<b>Concluding remarks and presentation of the poster prizes &amp; the RDM Award for Excellent Supervision</b>
<b>17.15 – 18.00</b>	<b>Drinks reception &amp; discussion time</b>