

Oxford Consortium for Single Cell Biology

Oxford Single Cell Symposium

Monday, 23 April 2018

Saïd Business School, Oxford

09.15 – 09.25	Welcome by <i>Doug Higgs</i>, WIMM Director		
	Chair: <i>Beth Psaila</i>		
09.25 – 09.45	Alba Rodriguez Meira	WIMM	<i>High-sensitivity mutational analysis and parallel single-cell RNA-sequencing to unravel intratumoral heterogeneity</i>
09.45 – 10.05	Roy Drissen	WIMM	<i>Single cell analysis reveals two distinct myeloid pathways in mouse and human haematopoietic hierarchy</i>
10.05 – 10.35	Merav Socolovsky	UMass Medical School	<i>Population snapshots predict early hematopoietic and erythroid hierarch</i>
10.35 – 11.05	Break		
	Chair: <i>Neil Ashley</i>		
11.05 – 11.25	Marsha Wallace	WTCHG	<i>Single-cell RNA sequencing reveals transcriptomic profiles of pancreatic islet and infiltrating immune cells before the onset of type 1 diabetes</i>
11.25 – 11.45	Daniel Wells	WTCHG	<i>Decomposition of mouse spermatogenesis at single-cell resolution reveals dynamic transcriptional programs orchestrated by a rich regulatory repertoire</i>
11.45 – 12.30	Wolf Reik	Babraham Institute	<i>Single cell epigenomics landscape of development and ageing</i>
12.30 – 13.45	Lunch		
	Chair: <i>Tatjana Sauka-Spengler</i>		
13.45 – 14.05	Peter Cook	SWDOP	<i>Analyzing single cells in arrays of mini-chambers with fluid walls</i>
14.05 – 14.25	Benjamin Schuster-Bockler	LICR	<i>BEARsc - simulating technical replicates in single-cell transcriptome analysis</i>
14.25 – 14.45	Fabiola Curion	WTCHG	<i>Genetic demultiplexing and the perils of experimental design in the 10X era</i>
14.45 – 15.05	Vincent Croset	CNCB	<i>Cellular diversity in the Drosophila midbrain revealed by single-cell transcriptomics</i>
15.05 – 15.35	Break		
	Chair: <i>Doug Higgs</i>		
15.35 – 16.20	Ido Amit	Wiezmann Institute	<i>The power of ONE:immunology in the age of single cell genomics</i>
16.20 – 16.30	Closing Remarks by <i>Doug Higgs</i>		
DRINKS			