MACH Melbourne Academic Centre for Health

Omics to Diagnostics Symposium: Towards enhanced molecular definitions of disease

Thursday 4th June, 10.00am-2.45pm. WEHI (Davis Auditorium), 1G Royal Parade, Parkville, VIC 3052

Time	Topic	Presenter
9.30am	Registration (for 10.00am start)	
10.00am	Opening and Acknowledgement of Country	Prof Edwin Hawkins *WEHI*
	Session 1 *Chair: Prof Rory Bowden (WEHI)*	
10.10am	**Keynote presentation** Bridging Research and Patient Care: ZERO Childhood Cancer Program	Prof Paul Ekert *Children's Cancer Institute*
10.40am	Single-cell and spatial omics of diseased and healthy lungs with statistics and deep learning	A/Prof Davis McCarthy *St Vincent's Institute and University of Melbourne*
11.00am	Untargeted MS proteomics in variant classification for rare mendelian disorders	A/Prof David Stroud *MCRI and University of Melbourne*
11.20am	Mapping the MPN plasma proteome: Improving Clinical Diagnosis and Identifying Novel Markers of Disease Progression	Dr Cavan Bennett *WEHI*
11.35am	Protein biomarker discovery in kidney transplants	Dr Stephanie Kuo *Royal Melbourne Hospital and WEHI*
11.50am	**Networking lunch**	
	Session 2 *Chair: Prof Edwin Hawkins (WEHI)*	
12.50pm	From discovery to diagnostics: integrating multi-omics in immune-mediated disease	Dr Linda Fothergill *WEHI*
1.05pm	Gluten in, IL-2 out: translating proteomic signals in coeliac disease	Prof Jason Tye-Din *WEHI*
1.20pm	Multiomics discovery of circulating biomarkers in inclusion body myositis	Dr Jessica Day *Royal Melbourne Hospital and WEHI*
1.35pm	iPLA: a platform for ultra-sensitive protein diagnostics	Dr Jeff Smith *WEHI*
1.50pm	Technologies for Targeted Biomarker Panels	Dr Sam Olechnowicz *WEHI*

2.05pm	**Q&A with all presenters** *Chairs: Prof Rory Bowden (WEHI) and Prof Edwin Hawkins (WEHI)*	
2.35pm	Closing remarks	Prof Rory Bowden *WEHI*
2.45pm	Close	

Proudly sponsored by: