

# Organoids Are Us

Tuesday August 2<sup>nd</sup>, 2022

WEHI, Davis auditorium (hybrid)



CA=California, USA	Registration opens 8.30 am
9.00 – 10.30 am	<b>Session 1 – Wnt, Stem Cells and Cancer</b> Chair: Elizabeth Williams/Fred Hollande Sponsored by: ThermoFisher Scientific
9.00 – 9.15 am 15 min	Welcome and Introduction: Elizabeth Vincan (Doherty Institute, VIC)
9.15 – 9.45 am CA:4.15-4.45 pm Mon Aug 1 <sup>st</sup> 30 min	Selma Masri (University of California, Irvine, CA, USA) <i>Wnt Signalling, Circadian Rhythms, and Colon Cancer: Lessons Learned from Mouse and Human Organoids</i>
9.45 – 10.00 am 15 min- ECR	Dustin Flanagan (Monash University, VIC) <i>Go for Goldilocks: manipulating cell competition and signalling in the intestinal crypt</i>
10.00-10.30 am CA: 5.00-5.30 pm Mon Aug 1 <sup>st</sup> 30 min	Ahmad Nabhan (Genentech, CA, USA) <i>Dissecting and sculpting alveolar regeneration with tailored Fzd agonists</i>
10.30 – 11.00 am	Morning tea
11.00 – 1 pm	<b>Session 2 – Development and Disease I</b> Chair: Joe Torresi/Marc Pellegrini Sponsored by: Inventia Life Sciences
11.00 – 11.30 am 30 min	Kaylene Simpson (Peter MacCallum, VCCC, VIC) <i>High throughput 3D - for characterisation and discovery</i>
11.30 – 12.00 30 min	Nathan Godde (Australian Centre for Disease Preparedness, CSIRO, Geelong) <i>The sySTEMs Initiative: Developing a multi-tissue platform to screen approved drugs as COVID-19 treatments</i>
12.00 – 12.15 pm 15 min - ECR	Chuan Kok Lim (Doherty Institute, VIC) <i>Hepatotropic Viral Infections</i>
12.15-1.00 pm 45 min	<b>Keynote I</b> Christine Wells (University of Melbourne, VIC) <i>New Models of Human Myeloid Biology</i> Chair: Mirella Dottori
1.00 – 1.45 pm	Lunch
1.45 – 3.15 pm	<b>Session 3 – Development and Disease II</b> Chair: Alice Pebay/Abdou Hachani Sponsored by: Organoids
1.45-2.30 pm 45 min	<b>Keynote II</b> Stefan Liebau (Institute of Neuroanatomy & Developmental Biology, Tübingen, Germany) <i>A road to physiological models - driving the retinal organoid</i> Chair: Alice Pebay

To encourage engagement throughout the symposium we invite everyone to tweet using #OrganoidsAreUs

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<b>2.30 – 2.45 pm</b> 15 min - ECR	<b>Jessica Vanslambrouck (MCRI)</b> <i>Enhancing kidney organoids for disease research and treatment</i>
<b>2.45 - 3.15 pm</b> 30 min	<b>Mirella Dottori (University of Wollongong, NSW)</b> <i>Modelling mechanosensation using stem cells and its application for treating peripheral neuropathies</i>
<b>3.15 - 3.45 pm</b>	<b>Afternoon tea</b>
<b>3.45 - 5.30 pm</b>	<b><u>Session 4 – Development and Disease III</u></b> <b>Chair: Doug Hilton/Maree Faux</b> <b>Sponsor: <a href="#">STEMCELL Technologies</a></b>
<b>3.45 - 4.00 pm</b> 15 min ECR	<b>Robin Wagner (University of Melbourne Centre for Cancer Research, VCCC, VIC)</b> <i>Organoids as a platform to characterise tumour/NK cell interactions in colorectal cancer</i>
<b>4.00 – 4.30 pm</b> 30 min	<b>Silvia Velasco (Murdoch Children’s Research Institute, VIC)</b> <i>Organoid models to study human brain development and disease</i>
<b>4.30 - 5.30 pm</b>	<b>“The Tony Burgess Oration”</b> <b>Ram DasGupta (Singapore)</b> <i>Tumour evolution: “through the looking glass of single cells”</i> <i>Introduction: Doug Hilton (WEHI, VIC)</i>
<b>5.30-5.35 pm</b>	<b>Close: Maree Faux</b> <b>ECR Prize (sponsored by Bio-Strategy) and Next meeting announcements</b>

***Hosted by WEHI and Doherty Institute***

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