



Organoids Are Us

25 June 2018

Doherty Institute Auditorium



Symposium Program

8.00 – 8.30am	Registration (doors open 8.00 am)
8.30 – 8.50am	Welcome, Symposium Overview, Fzd7 in GI stem cells and cancer: Elizabeth Vincan
8.50-10.20am	<p>Session 1: Wnt Signalling and Stem Cells</p> <p><i>Chair: Maree Faux</i></p>
8.50 – 9.20am	<p>Nick Barker (Singapore)</p> <p>“Lgr5+ Stem Cells in epithelial homeostasis, regeneration and diseases of the stomach”</p>
9.20 – 9.50am	<p>Karl Willert (USA)</p> <p>“Wnt-Fzd specificity in stem cells”</p>
9.50 – 10.20am	<p>Arial Zeng (China)</p> <p>“Protein C receptor in regulating mammary stem cells and breast cancer”</p>
10.20 – 10.50am	Morning tea
10.55 – 12.00pm	<p>Session 2: Rapid Fire Session (ECR & MCR speakers)</p> <p><i>Chair: Jason Mackenzie & Joe Torresi</i></p>
11.00 – 11.15pm	<p>James Whittle (WEHI)</p> <p>“Modelling breast cancer using CRISPR-Cas9-mediated engineering of human breast organoids”</p>
11.15 – 11.30pm	<p>Wei Zhao (Doherty, University of Melbourne)</p> <p>“In vitro modelling of HIV-HBV coinfection with human liver organoids”</p>
11.30 – 11.45pm	<p>Chuan Kok Lim (University of Adelaide)</p> <p>“Liver organoid culture as a model system for hepatotropic viral infection”</p>
11.45 – 12.00pm	<p>Jaclyn Pearson (Hudson, Monash University)</p> <p>“Using intestinal organoids to understand bacterial-viral interactions in the gut”</p>
12.00 – 1.00pm	<p>Session 3: Keynote/Plenary</p> <p>Hans Clevers (Netherlands)</p> <p>“Organoids in Human Disease”</p> <p><i>Chair: Elizabeth Vincan</i></p> <p><i>Combined “Organoids Are Us” symposium and “RMH Medical Research Week” session</i></p>
1.00 – 1.40pm	Lunch

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

Symposium Program

1.45-3.15pm	Session 4: Induced Pluripotent stem cell organoids <i>Chair: Elizabeth Vincan</i>
1.45-2.15pm	Melissa Little (MCRI) “iPSC-derived human kidney organoids: how well do they model the kidney and what can they be used for?”
2.15-2.45pm	Alice Pébay (University of Melbourne) “Pluripotent Stem Cell Approaches to the Modelling of Diseases of the Eye and Brain”
2.45-3.15pm	Ali Motazedian (MCRI) “T-cell development from Lymphopoietic Organoids”
3.15-3.40pm	Afternoon tea
3.45-5.00pm	Session 5: Wnt, organoids, cancer <i>Chair: Tony Burgess (WEHI)</i>
3.45-4.00pm	Florijn Dekkers “Imaging Organoids”
4.00-4.30pm	David Virshup (Singapore) “Crypts, Organoids and Cancer - the journey of Wnts”
4.30-5.00pm	Ramanuj DasGupta (Singapore) “Patient-derived models to map trajectories of tumour evolution under drug selection stress”
5.00-5.05	Close – thank-you - next meeting announcements Elizabeth Vincan

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