



Organoids Are Us

25 June 2018

Doherty Institute Auditorium



Symposium Program

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| 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

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

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