



# OzMRS ECR symposium

## 26<sup>th</sup> of October 2022

### Keynote Seminar

10:00	Opening and Welcome, Maree Bilandzic, President OzMRS
10:05	Keynote Speaker: Andrew Ewald, Johns Hopkins University <i>"Cellular strategies and molecular mechanisms driving breast cancer metastasis"</i>

### Session 1, chaired by Amy Wilson, Hudson Institute of Medical Research

10:50	Mei Fong Ng, Queensland University of Technology <i>"Cooperativity in melanoma metastasis"</i>
11:05	Sabrina Lewis, Walter and Eliza Hall Institute of Medical Research <i>"3D whole organ imaging of aggressive breast cancer metastases in the murine lung and brain"</i>
11:20	Yollande O'Donnell, Garvan Institute of Medical Research <i>"Dissecting the pleiotropic roles of subcellular c-Jun NH-Terminal Kinase in mammary development and breast cancer progression"</i>
11:35	<b>Tea break</b>

### Session 2, chaired by Minoti Apte, University of New South Wales

11:40	David Nash, Monash University <i>"The impact of radiotherapy on sympathetic nerves in mammary tumours"</i>
11:55	Sreeja Gadipally, Olivia Newton-John Cancer Research Institute <i>"The role of intra-tumour heterogeneity in breast cancer metastasis"</i>
12:10	Lap Hing Chi, Olivia Newton-John Cancer Research Institute and Peter MacCallum Cancer Centre <i>"Mechanisms of BMP4-mediated suppression of breast cancer metastasis"</i>
12:25	<b>Lunch break</b>

### Session 3, chaired by Phil Gregory, University of South Australia

12:45	Shabarni Gupta, Garvan Institute of Medical Research <i>"TrajectoryNet reveals temporal transcriptional relationships driving the mesenchymal-to-epithelial transition in tumour formation"</i>
13:00	Aeson Chang, Monash University <i>"The anthracycline doxorubicin amplifies pro-metastatic <math>\beta</math>2AR signalling in triple negative breast cancer"</i>
13:15	Antonin Serrano, Olivia Newton-John Cancer Research Institute and University of Melbourne <i>"Cellular barcoding uncovers divergence in experimental and spontaneous metastasis assays"</i>
13:30	Jin Ng, Walter and Eliza Hall Institute of Medical Research <i>"Investigating the intra-tumoral heterogeneity of metastatic small cell lung cancer patient samples"</i>
13:45	<b>Closing remarks</b>