

Genetics Summit 21 March 2022

****All time are in AEST (QLD)****

Monday 21 March, 2022

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| 9:30-9:40 | Summit welcome | Aideen McInerney-Leo Matthew Law |
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Session I - Mechanics and issues around PRS – chaired by Matthew Law

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| 9:40-9:55 | State of melanoma genetics testing (Familial) | Aideen McInerney-Leo |
| 9:55-10:10 | What is the foundation of a PRS? | Matthew Law |
| 10:10-10:25 | Building blocks of a PRS - what they are, how they work | Jean-Claude Dusingize |
| 10:25-10:40 | Strengths and limitations of PRS | Loic Yengo |
| 10:40-10:55 | Communication of PRS | Courtney Wallingford |
| 10:55-11:00 | Final remarks | Matthew Law |

11:00-11:30 Break

Session II - Exemplar for clinical implication of a PRS: breast cancer – chaired by Tatiane Yanes

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| 11:30-12:00 | Overview of the state of breast cancer PRS research | Tatiane Yanes |
| 12:00-12:35 | Comparison and interaction with high penetrance mutations & risk stratification and informing treatment | Paul James |
| 12:35-13:00 | Human Genetics Society of Australasia position statement on polygenic scores | Mary-Anne Young |

13:00-14:00 Lunch

Session III – Current state of PRS in cutaneous melanoma - chaired by Anne Cust

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| 14:00-14:15 | Where we are following melanoma GWAS meta-analyses | M. Tere Landi |
| 14:15-14:30 | Performance of melanoma PRS to date | Julia Steinberg |
| 14:30-14:45 | Complexities of integrating PRS with clinical and traditional risk factors | Anne Cust |
| 14:45-15:00 | What are the possible applications of PRS in melanoma | Amelia Smit |

15:00-15:30 Break

Session IV – Panel discussion “A Roadmap to PRS in Melanoma” - chaired by Aideen McInerney-Leo

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| 15:30-16:30 | Panellists: Mary-Anne Young, Anne Cust, Kate Dunlop, Jon Emery, Erin McMeniman and David Milne | |
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| 16:30-16:45 | Summit recap and close | |
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| 16:45-18:00 | Networking function | |
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The Genetics Summit continues to Tuesday 22nd March for an invitation-only roundtable discussion.