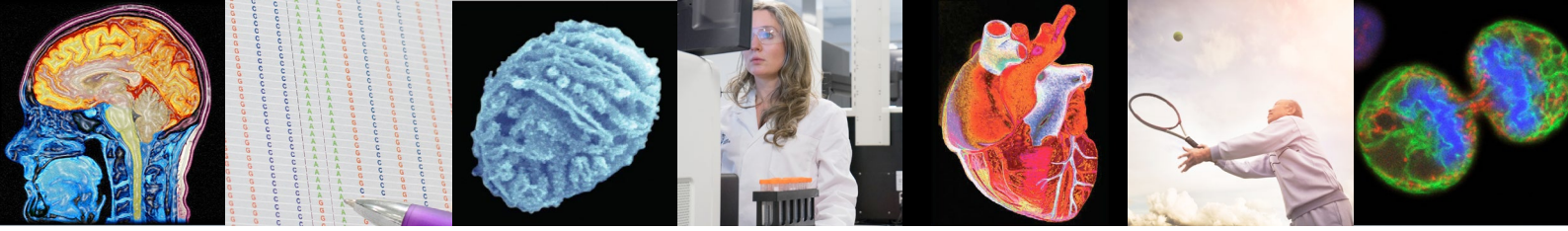

NSW GOVERNMENT Health

SYDNEY GENOMICS COLLABORATIVE SCIENTIFIC SYMPOSIUM

2015 PROGRAM

8:30 am - 9:00 am	Registration
9:05 am - 9:20 am	**Welcome and introduction** Professor John Mattick (Garvan Institute of Medical Research)
9:20 am - 9:30 am	**Overview of Sydney Genomics Collaborative Programs** Associate Professor Marcel Dinger (Garvan Institute of Medical Research)
9:30 am - 10:00 am	**Generating a high-quality reference database for genomic studies: the Medical Genome Reference Bank** Associate Professor Marcel Dinger (Garvan Institute of Medical Research)
10:00 am - 10:30am	Morning tea
10:30 am - 12:00 pm	**NSW Genomics Collaborative Research Grants update** Chair: Ms Anne O'Neill (Associate Director, Office for Health and Medical Research)
	Discovering the genetic causes of inherited heart disease in babies Professor Sally Dunwoodie (Victor Chang Cardiac Research Institute)
	Genetic factors in outcome of new therapies for metastatic melanoma Professor Graham Mann (Westmead Millennium Institute)
	Translational genomics for schizophrenia: using whole genome sequencing to define the network architecture for personalised interventions Dr Murray Cairns (University of Newcastle)
	Using whole genome sequencing to transform the diagnostic paradigm for mitochondrial disease Professor Carolyn Sue (Kolling Institute of Medical Research)
12:00 pm - 12:15 pm	**Ministerial address** The Hon. Jillian Skinner, MP
12:15 pm - 12:45 pm	**Genomic Cancer Medicine Program** Professor David Thomas (Garvan Institute of Medical Research/The Kinghorn Cancer Centre)
12:45 pm - 2:00 pm	Lunch
2:00 pm - 2:30 pm	**Sharing genomic data: addressing the challenges of security and big data distribution** Dr Warren Kaplan (Garvan Institute of Medical Research) Allan Williams (National Computational Infrastructure)
2:30 pm - 3:30 pm	**Meeting clinical need: solving undiagnosed Mendelian diseases by whole genome sequencing** Chair: Professor Chris Cowell (The Sydney Children's Hospital Network)
	Blinding diseases of the eye: genomic answers and new pathways to diagnosis and treatment Associate Professor Robyn Jamieson (The Sydney Children's Hospital Network/University of Sydney)
	Identifying disease genes for neuromuscular disorders using whole genome sequencing Dr Michelle Farrar (Sydney Children's Hospital, Randwick)
	Whole genome sequencing in rare genetic bone disorders Professor Andreas Zankl (The Children's Hospital at Westmead)
	Selected patients and families from the Kidney Gene Bank, Centre for Kidney Research for whole genome sequencing Dr Stephen Alexander (The Children's Hospital at Westmead)
	Identifying causes and improving outcomes of immunodeficiencies using whole genome sequencing Dr Tony Roscioli (Garvan Institute of Medical Research/Sydney Children's Hospital, Randwick)
3:30 pm - 4:00 pm	Afternoon tea
4:00 pm - 4:45 pm	**Large-scale whole genome sequencing projects: what else can we learn from cohorts?** Chair: Associate Professor Marcel Dinger (Garvan Institute of Medical Research)
	Genome-wide approaches to understanding the control of urate and risk of gout Associate Professor Tony Merriman (University of Otago)
	Use of whole genome sequencing to individualise treatment for glioblastoma patients Associate Professor Kerrie McDonald (UNSW Lowy Cancer Research Centre)
	The National Centre for Indigenous Genomics Professor Simon Easteal (Australian National University)
4:45 pm - 5:00 pm	Close
5:00 pm - 6:30 pm	Informal networking reception

KINGHORN CENTRE FOR CLINICAL GENOMICS

GARVAN INSTITUTE OF MEDICAL RESEARCH