



### Thursday December 7th - DRAFT

Time	Session	Topic	Speaker
0900 - 0930	Welcome Address		Andrew Sinclair
0930 - 1030	Plenary	Rare inherited kidney disease – the UK approach	Moin Saleem
1030 - 1100		MORNING TEA	
1100 - 1140	Functional Genomics	Genetic manipulation of iPSCs	Andrew Elefanty
1140 - 1220		Clinical and research applications for iPSCs	Melissa Little
1230 - 1330		The promise and pitfalls of genomic medicine	Clara Gaff
1330 - 1430		LUNCH	
1430 - 1510	Podocytopathies	Using population genetics to interrogate monogenic nephrotic syndrome diagnosis	Matthew Sampson
1510 - 1550		Genomic profiling of a national SRNS cohort advocates a precision medicine approach to disease management	Moin Saleem
1550 - 1620		AFTERNOON TEA	
1620 - 1700	Metabolic Disease	Where is Fabry's Disease?	Kathy Nicholls
1700 - 1740		Genetic counselling for additional genomic findings	Elly Lynch
1800 - 2000	Mixer Event	Mixer - Drinks and canapés in Synapse café Level 5 West	

### Friday December 8th - DRAFT

Time	Session	Topic	Speaker
0820 - 0900	Population Genomics	The KidGen Collaborative, the story so far	Andrew Mallett
0900 - 0940		Genomics for the impatient — rapid genomic testing in clinical practice	Zornitza Stark
0940 - 1010		MORNING TEA	
1010 - 1050	Population Genomics (cont)	An overview of the Australian and global genomics initiatives	Kathryn North
1050 - 1130		APOL1-the story of an exceptional risk allele	Matthew Sampson
1130 - 1210	Indigenous Health	Congenital nephrotic syndrome in the Maori population in New Zealand	William Wong
1210 - 1250		TBA	
1250 - 1350		LUNCH	
1350 - 1500	Phenotyping	Deep phenotyping: the contribution of radiological and histological assessment	Duncan MacGregor/Jenny Bracken
1500 - 1530		AFTERNOON TEA	
1530 - 1640	Panel Debate	You can't always get what you want: Whole genome sequencing, whole exome sequencing and renal gene panels	Moderator: Matthew Sampson Panel: Bruce Bennetts, Seb Lunke, Cas Simons
1640 - 1700	Closing Remarks	Poster prize giving and closing remarks	Cathy Quinlan

## Renal Genetics Symposium

2017



Thursday 7 December – Friday 8 December  
2017

Ella Latham Auditorium  
Royal Children's Hospital  
Melbourne  
AUSTRALIA

We would like to acknowledge and thank the following organisations for their generous support of the KidGen Collaborative and the 2017 Renal Genetics Symposium.



## 2017 Renal Genetics Symposium

The Renal Genetics Symposium is aimed at nephrologists, geneticists, genetic counsellors, nurses, metabolic physicians, researchers and patient support groups interested in kidney development and disease, metabolic kidney disease and functional genomics.

### *Program and Speakers*

The 2017 program is longer and more ambitious than last year with international speakers and sessions devoted to population genomics, podocytopathies, fabry's disease, indigenous health, phenotyping and functional genomics. Confirmed speakers include Prof Moin Saleem, Dr Matthew Sampson, Prof Andrew Sinclair, Dr William Wong, Dr Clara Gaff, Prof Kathy Nicholls, Ella Lynch, Prof Kathryn North, Dr Zornitza Stark, Prof Andrew Elefanty, Prof Melissa Little, Dr Duncan MacGregor, Dr Jenny Bracken and Dr Andrew Mallett

### *International Guest Speakers*

**Professor Moin Saleem** is head of Bristol Renal, a world-renowned research group focussed on glomerular disease which has generated the gold standard in vitro model system for examining the human glomerular podocyte. He will speak about the UK approach to rare and inherited kidney disease and genomic profiling in steroid resistant nephrotic syndrome

**Dr Matthew Sampson** is a paediatric nephrologist and researcher at the University of Michigan. His research combines innovative genomic technologies, statistical genetics, computational genetics and bioinformatics to elucidate the role of genomic variation in renal disease. He will speak about using population genetics to interrogate monogenic nephrotic syndrome diagnosis and APOL1 risk alleles.

### *Debate*

A feature session will be a debate on the pros and cons of panels, WES and WGS - guest speakers Dr Bruce Bennetts, Dr Seb Lunke and Dr Cas Simons.

### *Poster Competition*

Abstracts are invited for the 2017 KidGen Poster competition. Submissions open 1st June 2017 and close 30th September 2017. Winners will be announced and prizes awarded during the closing session of the Symposium.

Further details on the poster competition and program can be found on the website-[www.kidgen.org.au](http://www.kidgen.org.au) – Meetings and Links.

### *Accommodation*

For those travelling from interstate or overseas a limited number of rooms have been held in a variety of hotels and colleges close to the Symposium venue. Any of the special rates for Symposium delegates must be booked prior to 30th September.

### *Childcare*

A limited number of childcare places may be available for children under 5-years, if you are interested please email [KidGen@mcri.edu.au](mailto:KidGen@mcri.edu.au) with "Childcare Query" as the subject line, before the end of September. Expressing facilities are also available onsite

### *Registration Details*

**Registration includes** all Symposium sessions, catered morning tea, afternoon tea and lunch on both days, and the Drinks and Canapés Mixer event on Thursday evening.

**Early bird registration** fees available until 30th September 2017. **Concession registration** available to all allied health professionals, PhD or other university enrolled students, early career researchers (less than 5 years post PhD).

### *Registration fees*

Full Registration: \$400, Early bird \$300  
Concession Registration: \$200, Early bird \$150  
KidGen Member Registration: \$200, Early bird \$150  
Developing Countries Registration: free (see website)

### **Register at**

<https://www.trybooking.com/281941>

### *Sponsors*

The KidGen Collaborative would like to acknowledge and thank our sponsors for their generous support of this symposium.



### **For general enquiries contact**

Dr Cathy Quinlan or Louise Wardrop  
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### **Website**

[www.kidgen.org.au](http://www.kidgen.org.au) – Meetings and Links tab