



Nephrogenesis Workshop 2018

Wednesday, 11th April 2018

The Nowgen Centre

29 Grafton St, Manchester M13 9WU, UK

<https://research.cmft.nhs.uk/facilities-services/meeting-event-facilities/contact-us>

10.00-11.00 Registration and coffee

11.00-11.15 Sara Namvar (Manchester, UK) *Functional molecules in mesothelial-to-mesenchymal transition revealed by transcriptome analyses*

11.15-11.30 Pauli Tikka (Heidelberg, Germany) *A computational study of early nephrogenesis*

11.30-11.45 Natalie Milmo (London, UK) *Investigating the genetic and molecular defects in severe bladder malformations in the T30H mouse model*

11.45-12.00 John Darlow (Dublin, Ireland) *Examination of DNA variants specific to Isoform 'a' of ROBO2 in Irish vesicoureteric reflux patients suggests that this may be the relevant isoform rather than ROBO2b*

12.00-12.40 Invited Lecture 1.

Martin Lowe (Manchester, UK) *Using zebrafish to study renal tubular disease*

12.40-14.00 Lunch

14.00-14.15 David Munro (Edinburgh, UK) *Mechanisms of kidney vascularization and the roles of macrophages in organogenesis*

14.15-14.30 Ioannis Bantounas (Manchester, UK) *Investigating the role of the miRNA-199a/214 cluster in kidney development using a human pluripotent stem cell model*

14.30-14.45 Irene Sanchez-Martin (Marseilles, France) *Transcriptional control of kidney and ureter cell differentiation*

14.45-15.00 Emad Hindi (Manchester, UK) *Differential effects of experimental diabetes mellitus versus chronic polyuria on the rat bladder transcriptome*

15.00-15.30 Coffee

15.30-15.45 Daniyal Jafree (London, UK) *Unravelling the origins of the renal lymphatics*

15.45-16.00 Neil Roberts (Manchester, UK) *Biological mechanisms of genetic bladder disease*

16.10-16.50 Invited Lecture 2

Kirk McHugh (Columbus, USA) *The megabladder mouse model of obstructive nephropathy*

17.30-21.00 Social event at the Manchester Museum

(Location: Oxford Rd, Manchester M13 9PL, five minutes walk from the Nowgen Centre)