



Alport Research Hub symposium

Wednesday 2 July 2025: 10am-4.45pm

Michael Smith Building, University of Manchester.

Scan QR code for directions.



Morning session: Physical Hub Research: Chair: Rachel Lennon

- 10.00-10.10 **Welcome and introduction**
Rachel Lennon, professor of nephrology, Manchester, UK
Aisling McMahon, Kidney Research UK
- 10.15-10.45 **Keynote Speaker – Flexible collagen IV trimer composition**
David Sherwood, professor of biology, Duke University, USA
- 10.45-11.00 **Quantifying basement membrane thickness**
Bernard Davenport, research technician, Manchester
- 11.00-11.15 **Approaches to collagen IV quantification**
Maryline Fresquet, senior research assistant, Manchester
- 11.15-11.30 **Functional analysis of COL4 variants**
Gema Bolas Gonzalez-Liberos, post-doctoral researcher, Manchester
- 11.30-11.45 **Matrix biomarkers in Alport syndrome**
Rebecca Preston, NIHR clinical lecturer, Manchester
- 11.45-12.00 **Alport kidneys during development**
Shota Kaseda, post-doctoral researcher, Manchester
- 12.00-13.00 Lunch and networking: Michael Smith Lounge**

Afternoon session: Virtual Hub Research: Chair: Danny Gale

- 13:00-13:15 **Inflammation in Alport kidneys**
Joanna Smith, post-doctoral researcher, University College London
- 13:15-13:30 **COL4A variants in large population databases**
Konstantinos Tzoumikas, PhD student, University College London
- 13:30-13:40 **Using RaDaR to combat kidney failure**
Danny Gale, professor of nephrology, University College London
- 13:40-14:00 **Data Enrichment Project update**

Neil Turner, professor of nephrology, Edinburgh and Angela Branson, Alport Hub project manager, Manchester

14:00-14:15 **Kidney outcomes and the effect of proteinuria in Alport Syndrome: A longitudinal analysis using National Registry of Rare Kidney Diseases (RaDaR) data**
Katie Wong, RaDaR clinical research training fellow, University College London

14.15-15.00 Break and networking: *Michael Smith Lounge*

Afternoon session: Hub Collaborations: Chair: Kenton Arkill

15.00-15.30 **Glycosaminoglycans in Alport pregnancy**
*Kenton Arkill, associate professor and
Lorna Milne, post-doctoral researcher, Nottingham*

15.30-16.00 **Investigating inner ear COL4 in Alport mice**
Dan Jagger, professor in cell physiology, University College London

16.00-16.30 **International collaboration in Alport research**
Susie Gear, chief executive officer, Alport UK

16.30-16.45 **Discussion and round up**
Rachel Lennon, Danny Gale, Neil Turner

