



Final Programme

DRIVING DISCOVERIES 2023: Making it count

Wednesday 6 and Thursday 7 September 2023

The Queen's Hotel,
City Square, Leeds, LS1 1PJ

Wednesday 6 September

- 10.00 – 10:30 Registration & refreshments
Poster placement on display boards
Ark Royal room
- 10:30 – 10:40 **Welcome – Sandra Currie, CEO, Kidney Research UK**
Opening address – Driving Discoveries 2023 Chair, Professor Jeremy Hughes, Chairman, Kidney Research UK
Queen's Ballroom
- 10:40 – 10:45 **Patient Speaker**
- 10:45 – 11:30 **Session 1 – Kidney Disease: A UK public health emergency**
Invited Speakers:
Professor Simon Davies chair, research strategy committee and trustee, Kidney Research UK
George Agathangelou, Head of HEOR, ZS Associates
Dr Aisling McMahon, executive director of research and policy, Kidney Research UK
- Feedback from researchers :**
Katherine Clark, specialist midwife for renal and hypertension, Kings College NHS Foundation Trust
Tbc, scientist
Tbc, junior trainee
George Agathangelou Head of HEOR, ZS Associates

None of our supporters have had any input into the agenda.
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- 11:30 – 12:30 **Selected oral presentations: session 1**
- 11:30 – 11:45 Louise McAllister, Highly Specialised Paediatric Dietitian, GOSH NHS Foundation Trust
‘Dietary phosphate education materials for paediatric chronic kidney disease: is inconsistent messaging reducing their impact?’
- 11:45 – 12:00 Dr Anthony Onoja, Research Fellow, University of Surrey
‘Leveraging Data-Driven Artificial Intelligence for Improved Patient Stratification in Kidney Disease
- 12:00 – 12:15 Mr Zilong Li, PhD student, Queen Mary University of London
‘A flexible ultrasonic patch based on erbium doped lead magnesium niobium titanate ceramics
- 12:15 – 12:30 Katherine Clark, Kidney Research UK Allied Health Professional Fellow, King’s College London
‘Acute Kidney Injury Prediction in Pregnancy using Point of Care Testing: a feasibility study, interim results’
- 12:30 – 13:30 * LUNCH * Networking
Ark Royal room
- 13:30 – 14:15 **Session 2 – Transforming Treatments**
Invited Speakers:
Katherine Forbes, director of innovation and enterprise, Kidney Research UK
Making discoveries count: the role of implementation science: Dr Matthew Graham-Brown, clinical associate professor of renal medicine, University of Leicester
Delivering Change: Dr Laura Denby, senior Kidney Research UK fellow, University of Edinburgh
- 14:15 – 15:30 **Selected oral presentations: session 2**
- 14:15 – 14:30 Dr Simon Baker, Kidney Research UK Training Fellow, University of York
‘Mutational signatures of APOBEC3-mutagenesis implicate BK polyomavirus as an important risk factor for urothelial carcinoma.’
- 14:30 – 14:45 Roseanne Billany, Clinical Trial Facilitator, University of Leicester
‘Feasibility of home-based exercise in kidney transplant recipients: participant characteristics and results from the ESCERT trial’.
- 14:45 – 15:00 Dr Sarah Fawaz, post-doctoral scientist, University of Oxford
‘Circulating TNF- α levels in diseased donors associate with posttransplant function in kidney transplantation

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- 15:00 – 15:15 Dr Farah Latif, Kidney Research UK Training Fellow, Cardiff University
'Cytokine immune regulation in cytomegalovirus infected kidney transplant recipients.'
- 15:15 – 15:30 Dr. Haresh Selvaskandan, Kidney Research UK Training Fellow, University of Leicester
'Digital spatial profiling can be used to study glomerular endothelial cells in aggressive IgA Nephropathy, and may reveal safer targets for treatment. '
- 15:30 – 16:00 * AFTERNOON TEA/COFFEE BREAK * Networking
Ark Royal room
- 16:00 – 16:40 **Session 3 – Tackling Health Inequalities**
Invited speakers:
Greater inclusivity and clinical trials: Professor Patrick Mark, Professor of Nephrology, University of Glasgow & **Dr Jennifer Lees**, Senior Clinical Research Fellow, University of Glasgow
HIDDEN – reaching poorly served populations: Dr Kate Bramham, senior Clinical Lecturer, Kings College London
- 16:40 – 16:55 **Selected oral presentations: session 3**
- 16:40 – 16:55 Dr Ahmed Ahmed, specialty renal registrar and researcher, University of Leeds
'Decision making about living donor kidney transplantation : I a multi-ethnic patient population.'
- 16:55 – 17:10 Dr. Jennifer C. Chandler, Kidney Research UK Intermediate Fellow, University College London
'Disrupted vascular signaling in childhood glomerulopathy: a new therapeutic target?'
- 17:10 – 17:25 Dr Tanya Smith, Kidney Research UK /WCAF Training Fellow, Cardiff University
'Single-nucleus RNA sequencing identifies sex-specific Proximal Tubular Cell differentiation pathways in the developing kidney
- 17:25– 17:30 **Summing up of the day – Event Chair, Dr Andrew Lewington**
- 17:30 – 18:30 Poster session – presenters at posters – and networking
- EVENING**
From 19:30 **Palm Court**
19:30 Pre-dinner drinks
20:00 Informal sit-down dinner

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Thursday 7 September

- 06:30 – 09:00 Breakfast
[The Queen's Grill](#)
Accommodation
- 09:00 – 09:15 Good Morning for Day 2 – **Sandra Currie, CEO, Kidney Research UK and Driving Discoveries 2023 Chair Dr Andrew Lewington**
[Queen's Ballroom](#)
- 09:15 – 09:45 **Session 4 Multi Health Conditions**
Invited Speakers:
Mental Health Report, The case for Change: speaker tbc
Tackling diabetes and kidney disease: Dr Kieran McCafferty, Consultant Nephrologist at Barts Health NHS Trust and Senior Lecturer, Queen Mary University London.
- 09:45 – 10:45 **Selected oral presentations: session 4**
- 09:45 – 10:00 Dr Samin Chowdhury, Academic Clinical Fellow, University of Lancaster
'Prevalence, patterns, and associated adverse clinical outcomes of multimorbidity in chronic kidney disease
- 10:00 – 10:15 Dr Sarah Gleeson, Kidney Research UK Training Fellow, Imperial College London
'Tubuloreticular inclusions: a new prognostic biomarker in kidney transplantation
- 10:15 – 10:30 Nancy Smart, Kidney Research UK PhD Student, University of Bristol
'Using Mendelian randomization to explore the role of the human gut microbiome and metabolome in diabetic kidney disease.'
- 10:30 – 10:45 Dr Jess Ivy, Kidney Research UK Intermediate Fellow, University of Edinburgh
'Glucocorticoid treatment disrupts the daily rhythm of vasodilation and circadian oscillations of genes within the renal artery.
- 10:45 – 11:15 *MORNING TEA/COFFEE BREAK Networking
[Ark Royal room](#)
- 11:15 – 12:15 Poster session – presenters at posters
- 12:15 – 13:15 * LUNCH * Networking
[Ark Royal room](#)

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13:15 – 14:15 **Session 5 – Stronger together – collaboration**
NURTuRE: Professor Maarten Taal, Professor of Medicine, University of Nottingham
Polycystic Kidney Disease: Professor Colin Johnson, Professor of Medicine & Molecular Genetics, University of Leeds & **Professor Albert Ong**, Professor of Renal Medicine, University of Sheffield & **Dr Joe Cockburn**, Lecturer, University of Leeds
The Alport Research Hub, Professor Rachel Lennon, Professor of Nephrology, University of Manchester

Oral presentations: session 5

14:15 – 14:30 Dr Amy Osbourne, Research Associate, University of Bristol
‘Machine learning to identify genomic risk variants predictive of chronic kidney disease and idiopathic nephrotic syndrome subtypes’.

14:30 – 14:45 Dr Lauren Russel, Kidney Research UK PhD student, University College London
‘Indian hedgehog signalling in kidney development.’

14:45 – 15:00 Laura Wilson, Research Associate, University College London
‘Lyve1⁺ macrophages play no role in regulating polycystic kidney disease severity.’

15:00 – 15:20 Patient speaker/ video

15:20 – 15:40 **Reflections from Dr Andrew Lewington**

Kidney Research UK Chairman’s concluding remarks
Awards for: Best Oral, Best Poster

15:45 CLOSE OF FORMAL PROGRAMME
Afternoon Refreshments and Networking before departure
Ark Royal room

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