



16th Glasgow Paediatric Research Day
Friday 7th November 2025
QEUH & RHC Teaching & Learning Centre

0900 - 0925	Registration
0925 - 0930	Welcome by Dr Helen McDevitt, Consultant in Neonatology & Leonard Gow Lecturer in Child Health
Session 1	Short Oral Presentations Chaired by Dr Louisa Pollock and Mr John Hallet
0930 - 0936	Prenatal exposure to antiepileptic drugs and special education needs <i>Alexia Karain, School of Health & Wellbeing, University of Glasgow</i>
0936 - 0942	Clinical and neurodevelopmental characteristics in SCN1A-related epilepsies: phenotypic variability between Dravet syndrome and GEFS+ from the SCN1A Horizon Study <i>Abigail Thomson, School of Psychology & Neuroscience, University of Glasgow</i>
0942 - 0948	Examining the localisation and uptake of placental extracellular vesicles in vitro and in vivo <i>Charlotte Murphy, School of Cardiovascular & Metabolic Health, University of Glasgow</i>
0948 - 0954	High-magnitude anti-AAV2 CD8+ Rep responses are associated with hepatitis in children <i>Patawee Asamaphan, MRC-University of Glasgow Centre for Virus Research,</i>
0954 - 1000	Multicentre review of sleep-disordered breathing monitoring in Prader Willi Syndrome patients on growth hormone therapy <i>Maryam Sahibqran, Developmental Endocrinology Research Group, Royal Hospital for Children, Glasgow</i>
1000 - 1006	Infantile Epileptic Spasms Syndrome: Carer recorded smartphone videos informing machine learning diagnostics <i>Rachel Bonner, School of Medicine, Dentistry & Nursing, University of Glasgow</i>

Session 2 Short Oral Presentations

Chaired by Dr Angela Lucas-Herald and Dr Eve Smith

- 1006 - 1012 **Early and late mortality in paediatric aortic valve replacement: asystematic review with meta-analysis**
Ibadur R A Siddiqui, Anna Farid and Uwais Patel, St George's University Hospital NHS Foundation Trust, London
- 1012 - 1018 **Development of guideline for investigation of triple autoantibody negative patients in Lanarkshire Paediatric Diabetes Service**
Fiona Jagger, University Hospital Wishaw
- 1018 - 1024 **Prenatal exposure to maternal asthma and asthma medication and neurodevelopmental outcomes: a population cohort study of 179,024 children**
Lama Shakhshir, School of Health & Wellbeing, University of Glasgow
- 1024 - 1030 **A diagnostic feasibility study of a novel accelerometer-based chest sensor in children at risk of sudden death in epilepsy**
Hannah Vennard, Royal Hospital for Children, Glasgow
- 1030 - 1036 **PARS Study: Paediatric advanced respiratory service study- An observational diagnostic feasibility study of novel accelerometer-based chest sensor**
Hannah Vennard, Royal Hospital for Children, Glasgow
- 1036 - 1042 **Development of a pipeline for quantitative imaging of Gram-positive and Gram-negative bacterial populations in ex vivo paediatric tonsils with tonsillar diseases**
Kay Pollard, Physics Department, Strathclyde Institute of Pharmacy Biomedical Sciences (SIPBS). University of Strathclyde
- 1042 - 1110 *Coffee break & Posters - Rooms L005 & L006, Ground Floor*

Session 3 Short Oral Presentations

Chaired by Miss Mairi Steven and Dr Salma Ali

- 1110 - 1116 **A comparative analysis of questionnaires used for measuring quality of life in paediatric patients with growth disorders on recombinant human growth hormone: Recommendations for clinical practice and research**
Aleksandra Kapczuk, School of Medicine, University of Glasgow
- 1116 - 1122 **Decoding tonsillar disease - Differential gene expression highlights lactotransferrin (LTF) in recurrent tonsillitis**
Katriona Temple-Atkinson, Strathclyde Institute of Pharmacy & Biomedical Sciences (SIPBS), University of Strathclyde
- 1122 - 1128 **Could placental derived extracellular vesicles be a novel therapeutic strategy in the fight against pre-eclampsia?**
Ross Lawrence, School of Cardiovascular & Metabolic Health, University of Glasgow
- 1128 - 1134 **Surgical timing decisions among different haemodynamic phenotypes in infants with congenital diaphragmatic hernia**
Emma Boles, Neonatal Unit, Haemodynamic Team, Royal Hospital for Children, Glasgow
- 1134 - 1140 **Anthropometric benchmarks of care in congenital adrenal hyperplasia (ABC-CAH): Initial results from an international, multicentre registry benchmarking exercise**
Joe McElvaney, Developmental Endocrinology Research Group, Royal Hospital for Children and School of Medicine, Dentistry & Nursing, University of Glasgow
- 1140 - 1146 **Cross-cohort international validation of treat-to-target endpoints in childhood lupus: data from the UK JSLE cohort and CARRA registry**
Eve Smith, Department of Paediatric Rheumatology, Royal Hospital for Children and School of Infection & Immunity, University of Glasgow

Session 4 Child Health Prizes & Awards 2025

1146 - 1203 *Professor Stuart O'Toole*

- 1203 - 1206 **Should we operate on extremely preterm infants from a clinical and ethical point of view**
*Tsz Ching Fedora Lau, Undergraduate Medical School, University of Glasgow
2025 Yorkhill Essay Prize Winner*

1206 - 1300 *Lunch & Posters - Rooms L005 & L006, Ground Floor*

- Session 5** *Invited Speakers' Session*
 1305-1450 Chaired by Dr Phil Davies and Dr Neil Gibson
- 1305 - 1335 **Killing me softly: Poverty and childhood respiratory health in Glasgow**
Dr Ian Sinha, Consultant Respiratory Paediatrician, Alder Hey Children's Hospital Trust and University of Liverpool
- 1335 - 1405 **Children's Interstitial Lung Disease - classification, management and theranostics**
Professor Andrew Bush, Consultant Paediatric Chest Physician, Imperial College London
- 1405 - 1435 **Paediatric Respiratory Research in Glasgow - Past, Present and Future**
Dr Ross Langley, Consultant Paediatric Respiratory Physician, Royal Hospital for Children, Glasgow
- 1435 - 1450 Questions
- 1450 - 1505 **Short break**
- 1505 - 1515 **Prize winners, feedback survey and close of meeting**

Thank you for attending today!

Attendance certificates will be emailed following completion of the short online feedback



The Glasgow Paediatric Research Day is generously supported by The University of Glasgow, Glasgow Children's Hospital Charity and NHS Greater Glasgow & Clyde
RCPCH has approved this activity for CPD in accordance with the current RCPCH CPD Guidelines

