14th Glasgow Paediatric Research Day
Friday 3rd November 2023
QEUH & RHC Teaching & Learning Centre

0900	**Registration**
0930 – 0935	**Welcome** ***Dr Helen McDevitt, Consultant in Neonatology and Leonard Gow Lecturer in Child Health***
Session 1 ***Chair***	***Short Oral Presentations*** ***Dr Martina Rodie, Consultant in Neonatology, Honorary Senior Lecturer and Lead for the Office for Rare Conditions, Glasgow***
0935 - 0941	**Differences between necrotising enterocolitis and focal intestinal perforation in a cohort of preterm infants**: *Judith Simpson, NICU, Royal Hospital for Children, Glasgow*
0941 - 0947	**Modelling Barth Syndrome: understanding clinical signs and identifying therapeutic targets:** *Freya Nye, Cancer Research UK Beatson Institute*
0947 - 0953	**Mepolizumab in children and adolescents with severe eosinophilic asthma not eligible for Omalizumab: a single centre experience:** *Yu Ting Lim, Department of Respiratory Paediatrics, Royal Hospital for Children, Glasgow*
0953 - 0959	**Blood pressure and eGFR in boys with hypospadias: a single centre experience :** *Iman Malik, School of Medicine, Dentistry & Nursing, University of Glasgow*
0959 – 1005	**ROS scavengers may improve genital skin healing in boys with hypospadias:** *Angela Lucas-Herald, Developmental Endocrinology Research Group, University of Glasgow*
Session 2 ***Chair***	***Short Oral Presentations*** ***Mr Stuart O'Toole, Consultant in Paediatric Urology, Associate Clinical Professor and Barclay Lecturer in Child Health, Glasgow***
1005 - 1011	**Evaluating novel mutant-selective PDE4D PROTACs for the treatment of Acrodysostosis Type 2:** *George Baillie, School of Cardiovascular and Medical Science, University of Glasgow*
1011 - 1017	**Longitudinal change in external masculinization score in boys with xy disorders of sex development (DSD):** *Malika Alimussina, Developmental Endocrinology Research Group, University of Glasgow*
1017 - 1023	**Is MRI Molecular imaging accurate:** *Alexander Fletcher, School of Cardiovascular and Metabolic Health, University of Glasgow*

1023 - 1029	**Dependency upon SCD1 in CNS leukaemia reveals vulnerability to ferroptosis:** *Nikolai Gajic, Halsey Group, School of Cancer Sciences, University of Glasgow*
1029 - 1035	**Late mortality in children with oesophageal atresia (OA) in a unique 45-year cohort:** *Lewis Campbell, Neonatal Unit, Royal Hospital for Children, Glasgow*
1035 - 1100	***Coffee break***
Session 3	***Invited Speakers' Session***
Chair	***Dr Ruth McGowan, Consultant in Clinical Genetics, Honorary Clinical Associate Professor, Glasgow***
1100 - 1140	**The DDD study: Genomic Diagnosis of Rare Paediatric Disease in the United Kingdom and Ireland** *Prof Helen Firth, Addenbrooke's Hospital, Cambridge*
1140 - 1200	***Diagnostic trio-based whole exome sequencing for severe developmental disorders in Scotland*** *Dr Morad Ansari, South-East Scotland Genetic Service, Western General Hospital, Edinburgh*
1200 - 1220	***Questions***
Session 4	***Child Health Prizes*** ***Professor S. Faisal Ahmed, Samson Gemmell Chair of Child Health, Glasgow***
1220 - 1225	***Child Health Prizes & Awards for 2023***
1225 - 1230	***The failure of agencies to protect Matilda Wormwood from harm : A case study*** Freya Semple: 2023 Yorkhill Essay Prize Winner
1230 - 1330	***Lunch & Posters***
Session 5 ***Chair***	***Invited Speakers' Session*** ***Professor Daniela Pilz, Consultant Clinical Geneticist, West of Scotland Regional Genetics Service***
1330 - 1410	***Rapid genetic testing in neonates to avoid antibiotic hearing loss*** *Professor William Newman, Manchester Centre for Genomic Testing & University of Manchester*
1410 - 1440	***Rapid exome sequencing for prenatal diagnosis: lessons learnt from the English NHS Genomic Medicine Service*** *Dr Rhiannon Mellis, West of Scotland Centre for Genomic Medicine, Royal Hospital for Children, Glasgow*
1440 - 1500	***Questions***
1500 - 1515	***Coffee break***

Session 6	***Short Oral Presentations***
Chair	***Dr Ross Langley, Consultant in Paediatric Respiratory Medicine, Honorary Senior Lecturer and NRS Fellow, Glasgow***
1515 - 1521	**A novel brain-penetrant kinase inhibitor targeting diffused intrinsic pontine glioma**: *Aditi Atmasidha, Division of Cellular and Systems Medicine, University of Dundee*
1521 - 1527	**Genotype: Phenotype relationships in Myhre syndrome:** *Madeline Pearson, School of Medicine, University of Dundee*
1527 - 1533	**An international study of the association between local health care resources and acute adrenal insufficiency events in children with congenital adrenal hyperplasia:** *Xanthippi Tseretopoulou, Developmental Endocrinology research Group, University of Glasgow*
1533 - 1539	**Acute adrenal insufficiency related adverse events in children with congenital adrenal hyperplasia (CAH): Changes during the period 2019-2022 in I-CAH:** *Xanthippi Tseretopoulou, Developmental Endocrinology Research Group, University of Glasgow*
1539 - 1545	**Development and validation of short versions of quality of life questionnaires for parents of children with disorders/differences of sex development:** *Salma Ali, Developmental Endocrinology Research Group, Royal Hospital for Children, Glasgow*
1545 -1555	***Short break***
1555 - 1600	***Prize winners / feedback survey / close of meeting*** ***Dr Helen McDevitt*** ***https://link.webropol.com/s/GPRD2023Feedback***

The Glasgow Paediatric Research Day is kindly supported by The University of Glasgow and NHS Greater Glasgow & Clyde