Glasgow Paediatric Research Day
Theme of Anaesthesia, Respiratory and Neonates
11th November 2016
Teaching and Learning Centre
Queen Elizabeth University Hospital Campus

Speaker’s Profiles
Prof Stefan Worgall
Professor of Pediatric Pulmonology
Weill Cornell Medicine, New York
Expertise: Congenital Anomaly of Lung, Broncho-Pulmonary Dysplasia, Bronchoscopy, Cystic Fibrosis Respiratory Disease Pediatric Asthma, Chronic Lung Disease
Profile: weillcornell.org/sworgall
Dr. Worgall is a pediatric pulmonologist and the Chief of the Division of Pediatric Pulmonology, Allergy and Immunology at Weill Cornell Medicine. His research interests have centered on the pathogenesis of two pediatric lung diseases, asthma and cystic fibrosis, in particular their relation to infections. Dr. Worgall’s research has contributed important advances in the understanding of the interaction of gene therapy vectors with the host and the development of adenovirus-vector based vaccines to fight the pertinent problem of chronic lung infections with Pseudomonas aeruginosa in cystic fibrosis. During the recent years Dr. Worgall also has made a significant contribution to the field of childhood asthma with his discovery on the role of sphingolipid synthesis for airway hyperreactivity.

Dr. Chris Gale
Senior Lecturer in Neonatal Medicine
Imperial College London
Expertise: Neonatal research, Early nutrition effects on adult health, patient and parent involvement in clinical trials and research
Profile: www.imperial.ac.uk/people/christopher.gale
Dr Chris Gale is a Senior Lecturer in Neonatal Medicine and honorary consultant neonatologist at Chelsea and Westminster NHS Foundation Trust. His primary research interest is using routinely collected electronic health record data to develop large, simple clinical trials. A central aspect of this work is increasing parent and patient involvement in neonatal research. His other interests include better understanding how prematurity and early life nutrition influence adult health and better applying evidence based practice to neonatal care. He initially studied Medicine at the University of Newcastle, graduating in 2002 and undertook paediatric training in Sydney and London, gaining membership of the Royal College of Paediatrics and Child Health in 2006. His PhD at Imperial College London examined the influence of infant feeding on adiposity, hepatic lipid and metabolic phenotype. Dr Gale is currently supported by a Medical Research Council (MRC) Clinician Scientist Fellowship to develop large, simple clinical trials that use routinely collected electronic health record data held by the National Neonatal Research Database (NNRD). I have been supported by the National Institute of Health Research as an NIHR Clinical Lecturer (2013-2015) and an NIHR Clinical Trials Fellow (2015-2016).

Dr Graham Bell
Consultant Paediatric Anaesthetist
Royal Hospital for Children, Glasgow
Expertise: Pain management, Quality improvement, Pharmacology, Equipment design
Profile: www.gla.ac.uk/schools/medicine/research/childhealth/research/researchinterests/paediatricanaesthesiaresearch/staff/#!/drgrahambell
Dr Bell is a Consultant in paediatric anaesthesia and pain management and has worked the Children’s hospital in Glasgow since 1998
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An honorary senior lecturer at Glasgow University since 2005, His research interests include neurotoxicity of anaesthetic drugs, pain relief, complications of anaesthesia and techniques for developing countries.

His current role within the hospital involves quality improvement projects within the theatre complex and the development of better communication tools for junior medical staff.

**Teaching Method**
- Oral and Poster communications
- Presentations on paediatric research in the West of Scotland by individuals selected by abstract submission
- Plenary Symposium
- Guest lectures of international ground-breaking research in respiratory field

**Key Aims / learning objectives**
- To showcase paediatric research
- To build a network of paediatric researchers

**Target audience**
- Clinicians, researchers, students, psychologists, nursing and allied health professionals with interest in all areas of children’s health