



Irish Thoracic Society Paediatric Forum Friday 22nd November 2019 - 9.30am to 1.15pm  
Lough Atalia Suite, The Galmont Hotel.

**09.30 – 11.15** Research Session I - Moderators Paul McNally, Our Lady's Children's Hospital Crumlin and Fiona Healy, Temple St Children's University Hospital, Dublin

- 8.1** **KALYDEKO AND LUNG INFLAMMATION IN CHILDREN (KLIC); A CASE-CONTROL COMPARISON OF G551D AND F508DEL CFTR MUTATIONS.**  
Butler D<sup>1</sup>, Lennon J<sup>2</sup>, Cox D<sup>1,2</sup>, Greally P<sup>3</sup>, Linnane B<sup>2,4,5</sup>, McNally P<sup>1,2,6</sup>  
<sup>1</sup> Cystic Fibrosis Centre, Our Lady's Children's Hospital Crumlin, Dublin 12  
<sup>2</sup> National Children's Research Centre, Our Lady's Children's Hospital Crumlin, Dublin 12  
<sup>3</sup> Cystic Fibrosis Centre, Tallaght Hospital, Dublin 24  
<sup>4</sup> Graduate Entry Medical School and Centre for Interventions in Infection, Inflammation & Immunity (4i), University of Limerick, Limerick, Ireland  
<sup>6</sup> Department of Paediatrics, Royal College of Surgeons in Ireland, Our Lady's Children's Hospital Crumlin, Dublin 12
- 8.2** **Study to Evaluate the Additional Gains of Upper and Lower Lobe Sampling in Children with CF (SEAGULLS): Safety and microbiological yield.**  
Butler D<sup>1</sup>, Montague T<sup>2</sup>, O'Sullivan N<sup>2</sup>, Cox D<sup>1,2</sup>, McNally P<sup>1,2</sup>.  
<sup>1</sup> National Children's Research Centre, Crumlin, Dublin, Ireland.  
<sup>2</sup> Children's Health Ireland at Crumlin, Crumlin, Dublin, Ireland
- 8.3** **CHILD: a very rare condition: 2 cases in 3 months!**  
J Cloonan, B O'Flanagan, B Elnazir<sup>1</sup>  
<sup>1</sup> Children's Health Ireland, Tallaght
- 8.4** **Proteomic profiles in broncho-alveolar lavage (BAL) in early life predict lung disease severity in children with cystic fibrosis (CF) at age 6 years.**  
Walsh J<sup>2</sup>, Walsh R<sup>2</sup>, Persaud T<sup>2</sup>, Reece E<sup>3</sup>, O'Leary C<sup>2</sup>, Donnelly SC<sup>1</sup>, Renwick J<sup>3</sup>, Greally P<sup>2</sup>  
Departments of Medicine<sup>1</sup>, Paediatrics<sup>2</sup> and Microbiology<sup>3</sup>, Trinity College, The University of Dublin, Children's Health Ireland and Tallaght University Hospital, D24 NROA
- 8.5** **The use of augmented cough techniques including mechanical insufflation-exsufflation in children with neuromuscular disorders attending a multidisciplinary paediatric respiratory clinic.**  
F. Alahbabi<sup>1</sup>, M. Hynes<sup>2</sup>, A. Mernagh<sup>1</sup>, F. Healy<sup>1</sup>.  
1. Respiratory and Cystic Fibrosis Department, Children's Health Ireland at Temple Street, Dublin 1, Ireland.  
2. Physiotherapy Department, Children's Health Ireland at Temple Street, Dublin 1, Ireland.

- 8.6** **A review of CFTR modulator therapy and elevated vitamin E levels in CF patients at CHI at Temple Street.**  
A Farrell, M O Reilly, F Healy.  
Respiratory and Cystic Fibrosis Department, Children’s Health Ireland at Temple Street, Dublin 1, Ireland.
- 10.30 – 11.15** **State of the Art CF Reviews:**  
Gastrointestinal problems in children with CF  
Prof Paul McNally, Children’s Health Ireland at Crumlin
- 11.15 – 11.45** **Tea and coffee break**
- 11.45 – 13.10** Research Session II - Moderators: Des Cox, CHI Crumlin and Mike Shields, Queens University Belfast
- 8.7** **Paediatric Asthma Intensive Care Unit Admissions: A Ten-year retrospective study in a regional hospital in Ireland.**  
M. Regan<sup>1</sup>, J. Hayden<sup>1</sup>, P. Stewart<sup>1</sup>, M. Herzig<sup>1</sup>  
<sup>1</sup>Department of Paediatrics, University Hospital Galway (UHG)
- 8.8** **Exocrine Pancreatic Function in Children on Ivacaftor**  
Ingrid Hutchinson, Paul McNally  
Cystic Fibrosis Centre, Children’s Health Ireland at Crumlin, Dublin D12N512
- 8.9** **Retrospective Study of Growth in the Breastfed Infant with CF in CHI at Temple Street.**  
  
M O Reilly, A Farrell, S Deignan, F Healy, M Williamson.  
  
Respiratory and Cystic Fibrosis Department, Children’s Health Ireland at Temple Street, Dublin 1, Ireland.
- 8.10** **Sleep Disordered Breathing and Spina Bifida – A Closer Look**  
A. Walsh (1), A. Mernagh (1), C. O Prey (2), J. Leonard (2), F. Healy (1).  
1. Respiratory Department, Temple Street Children’s University Hospital, Dublin.  
2. Multidisciplinary Spina Bifida Clinic, Temple Street Children’s University Hospital, Dublin.
- 8.11** **Sleep Disordered Breathing and Spina Bifida –Experience in a Tertiary Referral Paediatric Centre**  
**A. Walsh (1), A. Mernagh (1), J. Caird (3), D. Crimmins (3), J. Leonard (2), F. Ringholz (1), M. Williamson (1), F. Healy (1).**  
1. Respiratory Department, Temple Street Children’s University Hospital, Dublin.  
2. Multidisciplinary Spina Bifida Clinic, Temple Street Children’s University Hospital, Dublin.  
3. Neurosurgical Department, Temple Street Children’s University Hospital, Dublin.

- 8.12 CHILDREN'S FOLLOW UP ORKAMBI REAL WORLD MULTIPLE BREATH WASHOUT STUDY (CFORMS)**  
 Emma J Costigan<sup>1</sup>, Rebecca McLoughlin<sup>1</sup>, Paul McNally<sup>1,2,8</sup>, Michael Williamson<sup>3</sup>, Barry Linnane<sup>1,4</sup>, Basil Elnazir<sup>5</sup>, Peter Greally<sup>5</sup>, Jane C Davies<sup>6</sup>, Harm Tiddens<sup>7</sup>, Jennifer Lennon<sup>1</sup>, Áine M Fleming<sup>1</sup>, Paulina Witkowska<sup>1</sup>, Magdalena Mulligan<sup>4</sup>, Christopher Short<sup>6</sup>, Claire Saunders<sup>6</sup>, Desmond W Cox<sup>1,2</sup>
1. National Children's Research Centre, Crumlin, Dublin 12.
  2. Respiratory Department, CHI at Crumlin, Crumlin, Dublin 12.
  3. CHI at Temple Street, Temple St, Rotunda, Dublin 1
  4. University Hospital Limerick, St Nessian's Rd, Dooradoyle, Co. Limerick
  5. CHI at Tallaght, Tallaght University Hospital, Cookstown, Dublin 2.
  6. Royal Brompton Hospital Sydney St, Chelsea, London, UK
  7. Erasmus University Medical Center, Rotterdam, Netherlands
  8. Royal College of Surgeons Ireland, 23 St Stephen's Green, Dublin

**8.13 THE CYSTIC FIBROSIS URINARY BIOMARKER STUDY (CUBS): THE NATURAL LONGITUDINAL VARIABILITY OF URINE BIOMARKERS IN CHILDREN WITH CF AND HEALTHY CONTROLS.**

CN Murray<sup>7</sup>, K AL Shidhani<sup>1,2</sup>, D Cox<sup>1,2</sup>, B Linnane<sup>1,2</sup>, L Watson<sup>4,5</sup>, G Parekh<sup>6</sup>, R Reilly<sup>6</sup>, P McNally<sup>1,2,5</sup>

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- <sup>2</sup> CF centre, Our Lady's Children's Hospital, Dublin, Ireland,
- <sup>3</sup> Paediatric CF centre, University Hospital Limerick, Limerick, Ireland
- <sup>4</sup> Department of Paediatrics, University Hospital Limerick, Limerick, Ireland,
- <sup>5</sup> Department of Paediatrics, Royal College of Surgeons In Ireland,
- <sup>6</sup> Mologic Laboratories, Bedford, UK.
- <sup>7</sup> School of Medicine, Trinity College Dublin.

**12.55 – 13.10 State of the Art Respiratory Reviews:**  
 Assessment and Management of difficult asthma in children  
 Dr Dara O'Donoghue and Prof Mike Shields, Queens University Belfast

**13.10 Paediatric prizegiving**

**13.15 Close of Paediatric Forum**