



**Irish Thoracic Society Paediatric Forum**  
**Wednesday 2<sup>nd</sup> December**  
**Live Webinar - 14.00 – 17.00**

**Chairs:** Dr Michael Williamson, Temple St Children's University Hospital Dublin  
Dr Basil Elnazir, Tallaght University Hospital, Dublin

**1. Research Session: 14.00 – 16.00**

**1. Gender difference results in increase in adolescent smoking in 2019 in Ireland-  
European trend analysis of current smoking prevalence 1995-2019**

J Hanafin, S Sunday, S Keogan, Luke Clancy

TobaccoFree Research Institute Ireland (TFRI), TU Dublin, Dublin 8

**2. Worrying changes in adolescent e-cigarette use 2014-2019: A secondary analysis of five  
Irish health datasets**

J Hanafin, S Sunday, S Keogan, L Clancy

TobaccoFree Research Institute Ireland (TFRI), TU Dublin, Dublin 8

**3. Impact of Carers' Smoking Status on Childhood Obesity in the Growing up in Ireland  
Cohort Study**

S Sunday, K Zubair

School of Public Health, University College Cork

**4. An *in vitro* investigation of aerosolised Budesonide delivery in simulated adult and  
paediatric spontaneous breathing models using a vibrating mesh nebuliser**

P. J. Naughton, B. Murphy, A. O'Sullivan, M. Mac Giolla Eain, M. Joyce, R. MacLoughlin.

Aerogen Ltd, IDA Business Park, Dangan, Galway, Ireland.

**5. Aerosol Delivery Characterisation during Simulated Mechanical Ventilation of a  
Neonate**

L. Gallagher, M. Joyce, E. Fernández Fernández, & R. MacLoughlin

Aerogen, IDA Business Park, Dangan, Galway, Ireland.

**6. Compliance and efficacy of non-invasive ventilation in children with Down syndrome**

L. MacDonagh<sup>1</sup>, L. Farrell<sup>2</sup>, R. O'Reilly<sup>2</sup>, P. McNally<sup>2</sup>, S. Javadpour<sup>2</sup>, DW. Cox<sup>1,2</sup>

1. School of Medicine, University College Dublin, Dublin 4.

2. Respiratory Department, Children's Health Ireland, Crumlin, Dublin 12.



**7. Interlobar IL-8 variation in pre-school children with CF. Interim findings of the Study to Evaluate the Additional Gains of Upper and Lower Lobe Sampling in Children with CF (SEAGULLS).**

Butler D<sup>1,3</sup>, Montague T<sup>2</sup>, O'Sullivan N<sup>2</sup>, Cox D<sup>1,2</sup>, McNally P<sup>1,2,3</sup>.

<sup>1</sup> National Children's Research Centre, Crumlin, Dublin, Ireland.

<sup>2</sup> Children's Health Ireland at Crumlin, Crumlin, Dublin, Ireland.

<sup>3</sup> RCSI Department of Paediatrics, RCSI, Dublin, Ireland.

**8. Dexamethasone for acute asthma exacerbations and viral induced wheeze: quality improvement in a Paediatric Emergency Department**

Ruddell, J.<sup>1</sup>, Trouton, M.<sup>1</sup>, Davison, G.<sup>1,2</sup>, McDonald, R.<sup>2</sup>, O'Neill, V.<sup>1</sup>, McCann, J.<sup>2</sup>, Kennedy, B.<sup>2</sup>, Mullen, S.<sup>2</sup>

<sup>1</sup>Centre for Medical Education, Queen's University Belfast, Mulhouse Building, Mulhouse Road, Belfast, BT12 6DP, Northern Ireland

<sup>2</sup>Children's Emergency Department, Royal Belfast Hospital for Sick Children, 274 Grosvenor Road, Belfast, BT12 6BA, Northern Ireland

**2. ITS Paediatric Forum Guest Lecture: 16.00 – 17.00**

**Difficulties of Ventilating Infants and the Role of Tracheostomy**

***Dr Francois Abel MD FRCPCH, Paediatric Respiratory Consultant, Sleep and Long Term Ventilation, Great Ormond Street Hospital for Children, London***

***CPD: The meeting attracts 3 CPD Credits in the External CPD Category***