



Irish Thoracic Society Annual Scientific Meeting 3 – 4 December 2020

Thursday 3rd December

09.00 – 13.00 Lung Cancer/ILD/CF/Thoracic Surgery and Transplant

Chairs: Professor Karen Redmond; Professor Ross Morgan

Poster Review online in Advance

09.00 – 10.15 Poster Discussion

10.15 – 10.30 *Break/Sponsor Presentation*

10.30 – 11.45 Oral Presentations

11.45 – 12.00 *Break/Sponsor Presentation*

12.00 – 13.00 **Skeletal muscle in COPD: now a treatable trait?**
Professor Michael Polkey, Royal Brompton Hospital Trust

14.00 – 18.00 COVID-19

Chairs: Professor Lorcan McGarvey; Dr Marcus Kennedy

Poster Review online in Advance

14.00 – 15.15 Poster Discussion

15.15 – 15.30 *Break/Sponsor Presentation*

15.30 – 16.45 Oral Presentations

16.45 – 17.00 *Break Break/Sponsor Presentation*

17.00 – 18.00 **Management of Respiratory Failure due to COVID-19**
Professor Stefano Nava, University of Bologna

Friday 4th December

09.00 – 13.00 General Respiratory and Sleep Medicine

Chairs: Dr Jacqueline Rendall; Professor Eddie Moloney

Poster Review online in Advance

9.00 – 10.15 Poster Discussion

10.15 – 10.30 *Break/Sponsor Presentation*

10.30 – 11.45 Oral Presentations

11.45 – 12.00 *Break Break/Sponsor Presentation*

12.00 – 13.00 **Moving Towards Personalised Therapy for OSA**
Professor Atul Malhotra, UC San Diego

14.00 – 18.00 COPD and Asthma

Chairs: Dr Marcus Butler; Dr Aidan O'Brien

Poster Review online in Advance

14.00 – 15.15 Poster Discussion

15.15 – 15.30 *Break/Sponsor Presentation*

15.30 – 16.45 Oral Presentations

16.45 – 17.00 *Break/Sponsor Presentation*

17.00 – 18.00 **Immunology and management of severe asthma**
Professor Guy Brusselle, University Hospital Ghent

CPD: The meeting attracts 12 CPD Credits in the External CPD Category



Irish Thoracic Society Paediatric Forum Wednesday 2nd December

**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. MacDonagh¹, L. Farrell², R. O'Reilly², P. McNally², S. Javadpour², DW. Cox^{1,2}School of Medicine, University College Dublin, Dublin 4; 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^{1,3}, Montague T², O'Sullivan N², Cox D^{1,2}, McNally P^{1,2,3}, ¹ National Children's Research Centre, Crumlin, Dublin, Ireland; ² Children's Health Ireland at Crumlin, Crumlin, Dublin, Ireland; ³ 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.¹, Trouton, M.¹, Davison, G.^{1,2}, McDonald, R.², O'Neill, V.¹, McCann, J.², Kennedy, B.², Mullen, S.² ¹Centre for Medical Education, Queen's University Belfast, Mulhouse Building, Mulhouse Road, Belfast, BT12 6DP, Northern Ireland; ²Children's Emergency Department, Royal Belfast Hospital for Sick Children, 274 Grosvenor Road, Belfast, BT12 6BA, Northern Ireland

2. ITS Paediatric Forum Guest Lecture:

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 ITS Paediatric Forum attracts 3 CPD Credits in the External CPD Category



Forums and Business Meetings

Thursday 3rd December

Forum of ANAIL (Association of Irish Nurses in Respiratory Care) - 13.00 – 14.00

Friday 4th December

Forum of Chartered Physiotherapists in Respiratory Care - 09.00 – 10.30

Guest Lecture: Ventilator Waveform Analysis: Implications for physiotherapy.

Dr. George Ntoumenopoulos, Consultant Physiotherapist in Intensive Care at St Vincent's Hospital, Sydney.

(See link in 'Join' section available from Thursday evening 03/12)

ITS AGM - 18.00 – 19.00