



# Annual Scientific Meeting 2024 - Derry



Irish Thoracic Society

**THURSDAY 14th TO SATURDAY 16th  
NOVEMBER 2024**

**MILLENNIUM FORUM, DERRY**

---

# ITS ANNUAL SCIENTIFIC MEETING

## THURSDAY 14TH NOVEMBER 2024

13.30 - 16.30

### Specialist Registrar Training - Studio Theatre

#### Nasal disease for the Respiratory Physician (including ILO)

Mr Brendan Hanna

#### Inducible laryngeal obstruction

Ms Catherine Stewart

#### Update in Sleep

Dr Angela Atalla

#### Update in Asthma, Taming the T2

Dr Jane McDowell

17.00 - 18:15

### ITS Case Study Forum – Poster Review

Centra Room & Walkway – Floor 4

18:15 – 19:15

### Supper –Restaurant Area

19.15 - 21.15

### ITS Case Study Forum

#### Oral Presentations

#### Main Auditorium

#### Chairs:

- Dr. Martin Kelly, Altnagelvin Area Hospital.
- Prof. Marcus Kennedy, Cork University Hospital.
- Dr. Hilary McLoughlin, Portiuncula Hospital, Galway.

**Case Presentation 1** - Minimally Invasive Complex Bronchial Airway Reconstruction with the da Vinci Xi Robotic Platform

**Dr Ali Alsinan**

**Case Presentation 2** - Diagnostic workup of diffuse cystic lung disease with uncharacteristic radiological and biochemical features.

**Dr Anne-Marie Sweeney**

**Case Presentation 3** - Unmasking Pleuropulmonary Blastoma: A challenging case of CPAM in a Young Patient

**Dr Junaid Zafar Sheikh**

**Case Presentation 4** - Adalimumab induced Sarcoidosis? A Case Report

**Dr Liam Coyle**

**Case Presentation 5** - Eosinophilic granulomatosis with polyangiitis – rare, elusive & protean

**Dr Manav Bansal**

**Case Presentation 6** - From Asthma to Revelation: The Case of the Collapsing

Airway Conundrum – **Dr Orlaith Shinnors**

20:45 – 21:15

### Drinks Reception & Prize-Giving

---

## FRIDAY 15TH NOVEMBER 2024

08.00 – 08.30

### Registration, Refreshments, Meet the Industry

08.30 – 09.15

### Poster Review I

Centra Room & Walkway – Floor 4

09.15 - 10.40

### Parallel Poster Discussions

#### 1. Asthma – Millennium Room

#### Chairs:

- Dr. Claire Butler, Belfast City Hospital.
- Prof. Richard Costello, Beaumont Hospital

#### 2. ILD – Diamond Room

#### Chairs:

- Dr. Eoin Judge, Connolly Hospital Blanchardstown.
- Dr. Paul Minnis, Northern Health & Social Care Trust.

### 3. TB/CF/Infection – Studio Theatre

#### Chairs:

- Dr. Suzanne Carter, St. Vincent's University Hospital
- Prof. Mark Rogan, University Hospital Waterford

### 4. Integrated Care – Green Room – Floor 4

#### Chairs:

- Aoife Sheehan, Mater Misericordiae University Hospital.
- Dr. Liam Doherty, Bon Secours Cork

10.40 – 11.00

#### Refreshments & Meet the Industry

11.00 - 13:00

#### Main Auditorium

#### Chairs:

- Dr. Breda Cushen, Beaumont Hospital
- Dr. Mike Henry, Cork University Hospital

11.00 - 11:45

#### Guest Lecture

Dr. Alexander Mathioudakis

#### Altering the Trajectory of COPD exacerbations

11.45 - 13.00

#### Oral Session I – Main Auditorium

#### Acute Asthma- Optimizing Care For Patients Discharged Directly From The Emergency Department

Emma Mulligan<sup>1</sup>, Amy Scullion<sup>1</sup>, Alison Breen<sup>1</sup>, Louise Cullen<sup>1</sup>, Carol Buckley<sup>1</sup>, Roisin Logan<sup>1</sup>, Stephen Lane<sup>1</sup>, Deirdre Fitzgerald<sup>1</sup>, Aileen McCabe<sup>1</sup>, Patrick D. Mitchell<sup>1,2</sup>

<sup>1</sup>Tallaght University Hospital, Dublin, Ireland. <sup>2</sup>Trinity College Dublin, Dublin, Ireland

#### Perceptions and practises in antifibrotic (AF) counselling for idiopathic pulmonary fibrosis (IPF) by healthcare professionals (HCP) in the Northern Ireland interstitial lung disease (NI-ILD) network

<sup>1</sup>Nazia Chaudhuri

<sup>1</sup>Ulster University, Derry/Londonderry, United Kingdom. On behalf of the Northern Ireland Interstitial Lung Disease Network, Derry/Londonderry, United Kingdom

#### The impact of CFTR modulator therapy on neutrophil CD39 expression and extracellular ATP release

Debananda Gogoi<sup>1</sup>, Claudie Gabillard-Lefort<sup>1</sup>, Rory Baird<sup>1</sup>, Luke Forde<sup>1</sup>, Cedric Gunaratnam<sup>2</sup>, Michael Williamson<sup>3</sup>, Michelle Casey<sup>1</sup>, Emer Reeves<sup>1</sup>

<sup>1</sup>Royal College of Surgeons in Ireland, Dublin, Ireland. <sup>2</sup>Beaumont Hospital, Dublin, Ireland. <sup>3</sup>Children's Health Ireland, Dublin, Ireland

#### Impact of Digital Health on the Patient-Provider Relationship in Respiratory Secondary Care Settings: a mixed methods systematic review from Innovative Health Initiative DRAGON/CONNECT Clinical Research Collaboration (CRC) project.

Michaela Senek<sup>1</sup>, David Drummond<sup>2</sup>, Hilary Pinnock<sup>3</sup>, Past Chair European Lung Foundation Kjeld Hansen<sup>4</sup>, Anshu Ankolekar<sup>5</sup>, Una O'Connor<sup>6,7</sup>, Apolline Gonsard<sup>2</sup>, Oleksandr Mazulov<sup>8</sup>, Katherina Bernadette Sreter<sup>9</sup>, Christina Thornton<sup>10</sup>, Pippa Powell<sup>4</sup>

13.00 – 14:30

#### Lunch & Networking – Piazza/Restaurant

13.00 – 14.30

#### ITS AGM & Lunch – Studio Theatre

14.30 – 15.15

#### ITS Poster Review II – Centra Room & Walkway

15.15 – 16.40

### ITS Parallel Poster Discussions

#### 5. Lung Cancer/Pleural/Surgery – Millennium Room

##### Chairs:

- Dr. Aidan O'Brien, University Hospital Limerick.
- Dr. Deirdre B. Fitzgerald, Tallaght University Hospital.

#### 6. General Respiratory 1 – Diamond Room

##### Chairs:

- Olivia Quinn, UL Hospitals, Nenagh. Craig McDonnell, Tallaght
- University Hospital.

#### 7. General Respiratory 2 – Green Room

##### Chairs:

- Dr. Brian Kent, St James's Hospital.
- Prof. Eddie Moloney, Tallaght University Hospital.

#### 8. COPD – Studio Theatre

##### Chairs:

- Dr. Martin Kelly, Altnagelvin Area Hospital.
- Dr. Breda Cushen, Beaumont Hospital.

16.40 - 17.00

### Refreshments & Meet the Industry

17.00-19.00 - **Main Auditorium**

##### Chairs:

- Dr Nazia Chaudhuri, Altnagelvin Area Hospital
- Prof. Eddie Moloney, Tallaght University Hospital.

17.00 – 17:45

### Guest Lecture

Professor Gisli Jenkins

#### Biomarkers in Interstitial Lung disease

17.45 – 19.00

### Oral Session II – Main Auditorium

#### The Importance Of Cervical Lymph Node Sampling In The Diagnostic Algorithm Of Lung Cancer

Sally Griffiths<sup>1</sup>, Deirdre McDermott<sup>1</sup>, Jennifer Ruane<sup>2</sup>, Anne Marie Quinn<sup>2</sup>, David Breen<sup>1</sup>

<sup>1</sup>Interventional Respiratory Unit, Galway University Hospital, Galway, Ireland.

<sup>2</sup>Pathology Department, Galway University Hospital, Galway, Ireland

#### Real-World journey of patients with suspected Pulmonary Hypertension: insights from the Irish National Pulmonary Hypertension Unit

<sup>1</sup>Syed Farrukh Raza, <sup>1</sup>Mark Ward, <sup>1</sup>Darragh Moloney, <sup>1</sup>Suleiman Eldomi, <sup>1</sup>Brian Mccullagh, <sup>1</sup>Sarah Cullivan, Meghani,

<sup>1</sup>Denise Lennon, <sup>1</sup>Caitriona Minnock, <sup>1</sup>Sean Gaine, <sup>1</sup>Syed Rehan Quadery

<sup>1</sup>Mater Misericordiae University Hospital, Dublin, Ireland

#### Sleep Disordered Breathing in Ireland, a study of the current National diagnostic and treatment capacity

<sup>1</sup>Ali Yunes, <sup>1</sup>Aisling McGowan, <sup>1</sup>Liam Cormican

<sup>1</sup>Respiratory and Sleep Diagnostics Department, Connolly Hospital Blanchardstown, Dublin, Ireland

#### An Update from the National Alpha-1 Antitrypsin Deficiency Targeted Detection Programme

Ronan Heeney<sup>1</sup>, Mohamed Mohamed Abdulkadir<sup>1</sup>, Anne-Marie O'Dowd<sup>1</sup>, Suzanne Roche<sup>2</sup>, Orla Cahalane<sup>3</sup>, Ilaria Ferrarotti<sup>4</sup>, Noel G. McElvaney<sup>1</sup>, Tomás P. Carroll<sup>1</sup>

<sup>1</sup>Alpha-1 Foundation Ireland, RCSI Education & Research Centre, Beaumont Hospital, Dublin, Ireland. <sup>2</sup>Irish Centre for Genetic Lung Disease Beaumont Hospital, Dublin, Ireland. <sup>3</sup>Department of Biochemistry, Beaumont Hospital, Dublin, Ireland. <sup>4</sup>Department of Biochemistry and Clinical Genetics, University of Pavia, Pavia, Italy

19.45 – 20.15

**Drinks Reception – Ebrington Hotel**

20.15 – Late – Ebrington Hotel

**Gala Dinner, Prize-giving and  
Presentation of Award for Outstanding  
Contribution to Respiratory Medicine**

---

**FRIDAY 15<sup>TH</sup> NOVEMBER 2024**

**Affiliate Forums and Parallel Meetings**

11.00 – 12.30

**ANAIL Forum - Millennium Room**

11.00 – 12.30

**Respiratory Physiologist Forum –  
Diamond Room**

11.00 – 12.30

**CPRC Forum – Studio Theatre**

11.00 – 12.30

**Pleural Group Meeting – Green Room**

---

**SATURDAY 16<sup>TH</sup> NOVEMBER**

09.30 – 10.15

**Main Auditorium – Guest Lecture**

Dr John Garvey

**Diagnosis & Treatment of Sleep Apnea**

**Chair:** Prof. Marcus Butler, St. Vincent's  
University Hospital

10.15 – 11.00

**Main Auditorium – Guest Lecture**

Professor Jacky Smith

**Tackling chronic cough – pathogenic  
mechanisms and novel therapeutics.**

**Chair:** Dr Nazia Chaudhuri, Ulster  
University

11.00 – 11.30

**Refreshments & Meet the Industry**

11.30 – 12.15

**Main Auditorium – Guest Lecture**

Dr Kerri Johannson

**Update in Hypersensitivity Pneumonitis**

**Chair:** Dr Nazia Chaudhuri, Ulster  
University

12.15 – 13.00

**Main Auditorium – Guest Lecture**

Professor Cecilia O'Kane

**Non-TB Mycobacteria**

**Chair:** Dr. Martin Kelly, Altnagelvin Area  
Hospital.

13.00 – 14.00

**Lunch & Networking**

14.00

**Event Close**

---

## GUEST SPEAKERS BIO

### FRIDAY 15TH OF NOVEMBER

**11:00 - 11:45 Dr Alexander G. Mathioudakis**



Dr. Mathioudakis is an NIHR Clinical Lecturer in Respiratory Medicine at the University of Manchester and Manchester University

NHS Foundation Trust. His research focuses on Airway Diseases phenotypes and personalised medicine, as well as clinical research methodology and evidence-based medicine. He is the incoming Chair of the European Respiratory Society Airways Pharmacology and Treatment Group .

### FRIDAY 15<sup>TH</sup> OF NOVEMBER

**17:00 – 17:45 Professor Gisli Jenkins**



Professor Jenkins is a leading expert in interstitial lung disease, with a particular focus on pulmonary fibrosis. His research encompasses

three major themes: understanding the functional consequences of genetic risk factors, using pre-clinical models to manipulate molecular pathways for fibrosis prevention, and assessing patient cohorts to identify risk factors and biomarkers for disease development and progression. He holds a PhD in Biochemistry from University College London and conducted post-doctoral research at the University of California, San Francisco. In 2005, he established the Academic Interstitial Lung Disease Unit at the University of Nottingham and held several key roles there before moving to Imperial College London in 2021 to lead the Margaret Turner Warwick Centre for Fibrosing Lung Diseases.

Professor Jenkins is the Familial Pulmonary Fibrosis lead for the Genomics England Clinical Interpretation Partnership and leads the UK Interstitial Lung Disease consortium. He also spearheads the Post

Hospitalisation (PHOSP)-COVID study Fibrosis Working Group. As joint Editor-in-Chief of the British Thoracic Society's official journal since 2015 and a founding Trustee of Action for Pulmonary Fibrosis, he plays a vital role in both clinical research and patient advocacy.

### SATURDAY 16TH OF NOVEMBER

**9:30 – 10:15 Dr John Garvey**



Dr. John Garvey is a Consultant Respiratory Physician and Director of the Sleep Laboratory, at St. Vincent's University

Hospital, Dublin and an adjunct assistant clinical professor in University College Dublin. Prior to taking up his current post in 2016, he was a member of the Faculty of Medicine at Queen's University and Director of the Sleep Laboratory at Kingston General Hospital, Kingston, Ontario, Canada. He completed his post-graduate training at the Austin Hospital, Melbourne, Australia where he worked with the Victorian Respiratory Support Service. He is a former secretary of the Irish Sleep Society.

**10:15 – 11:00 Professor Jacky Smith**



Professor Jacky Smith is a leading expert in respiratory medicine, focusing on the mechanisms underlying pathological cough. She

directs a multidisciplinary research team and established a regional clinical service for patients with refractory chronic cough. She serves as Director of the NIHR Manchester Clinical Research Facility, Respiratory Theme Lead in the NIHR Manchester Biomedical Research Centre, and an NIHR Senior Investigator. After graduating from Manchester University in 1992, Professor Smith completed her training in General and Respiratory Medicine and earned a PhD in 'Measurement of Cough' in 2004.

Her innovative work includes developing a semi-automated cough detection method, now commercialized by Vitalograph Ltd, which has set new standards in evaluating cough therapies in clinical trials. Her research, funded by a Wellcome Investigator in Science Award and the NIHR Manchester Biomedical Research Centre, focuses on the mechanisms of cough in respiratory diseases and testing novel anti-tussive therapies. She collaborates extensively with the pharmaceutical industry to advance this field. For more information on her work, visit [www.combatmycough.com](http://www.combatmycough.com).

**11:30 – 12:15 Dr. Kerri A. Johannson**



Dr. Kerri A. Johannson MD MPH FRCPC ATSF is an Associate Professor in the Departments of Medicine & Community Health Sciences, and

member of the Snyder Institute for Chronic Diseases at the University of Calgary, Calgary AB, Canada. She is Research Director for the Interstitial Lung Disease program and Director of the ILD post-graduate training program at the University of Calgary. Dr. Johannson is an Associate Editor for *Annals of the American Thoracic Society*, and on the Editorial Boards of the *European Respiratory Journal* and the *American Journal of Respiratory, Critical Care and Sleep Medicine*. Dr. Johannson's research program is focused on understanding the relationships between inhalational exposures and ILDs, and how the environment and social determinants of health impact patient-related outcomes.

**12:15 – 13:00 Professor Cecilia O'Kane**



Professor Cecilia O'Kane's research focuses on the mechanisms of alveolar inflammation and injury in acute

respiratory distress syndrome (ARDS) and explores therapeutic interventions from human models to clinical trials. Her group uses in vitro primary human cells, ex vivo lung tissue culture, whole lung perfusion (EVLP) models, and alveolar inflammation modelling in healthy volunteers to study inflammation, injury, and repair in human lung tissue. Additionally, Professor O'Kane works on mycobacterial lung infections, particularly non-tuberculous mycobacteria (NTM), which cause significant lung damage. Current antibiotic treatments for NTM are inadequate, prompting her team to develop models to understand virulence mechanisms and host responses and to test new antimicrobial strategies.