



Irish Thoracic Society

**Irish Thoracic Society Annual Scientific Meeting 2023**  
**9-11 November – Strand Hotel Limerick**

**Thursday 9<sup>th</sup> November 2023**

- 13.30 - 16.30**                    **Specialist Registrar Training - City View & Harris Suite**
- 17.15 - 20.30**                    **ITS Case Study Forum - Shannon Suite 2&3**  
**Chairs**  
R. Convery, Craigavon Area Hospital, Craigavon  
L. Cormican, Connolly Hospital, Dublin  
H. McLoughlin, Portiuncula University Hospital, Ballinasloe, Galway  
A. O'Brien, University Hospital Limerick, Limerick
- 17.15 - 18.45**                    **ITS Case Poster Review - Shannon Suite 2&3**  
**18.45 - 20.30**                    **ITS Case Study Oral Presentations followed by prize-giving and supper - Shannon Suite 2&3**

**Friday 10<sup>th</sup> November 2023**

- 07.15 – 07.45**                    ***Registration, Tea/Coffee/Meet the Industry - Shannon Suite 1***
- 07.45 – 08.30**                    **Poster Review I – Shannon Suite 2&3**  
**08.30 - 09.45**                    **Parallel Poster Discussions**
- Chairs**                            **1. Asthma & Sleep – City View & Harris Suite**  
A. Mulgrew, Bons Secours Hospital, Tralee  
I. Counihan, Our Lady's Hospital Drogheda
- Chairs**                            **2. COPD – Shannon Suite**  
D. McGrath, University of Limerick  
K. Bolger, St Luke's Hospital, Kilkenny
- Chairs**                            **3. General Respiratory 1 - Library Suite**  
B. McCullagh, Mater Misericordiae University Hospital, Dublin  
A. O'Mahony, Cork University Hospital, Cork
- Chairs**                            **4. ILD & Long Covid – O'Brien Wogan Suite**  
L. Chawke, University Hospital Kerry, Co Kerry  
E. McGrath, St Vincent's University Hospital, Dublin
- Chairs**                            **5. Telehealth – Henihan Suite**  
B. Casserly, University Hospital Limerick, Limerick  
P. Mitchell, Tallaght University Hospital, Tallaght
- 09.45 - 10.30**                    **Guest Lecture - Shannon Suite 2&3**  
**Chairs**  
T. O'Connor, Mercy University Hospital Cork  
D. Ryan, Beaumont Hospital, Dublin  
**Seeing is believing – Imaging of mucus plugs in Asthma and COPD**  
Dr Eleanor Dunican, St Vincent's University Hospital Dublin
- 10.30 – 11.00**                    ***Tea/Coffee/Meet the Industry – Shannon Suite 1***



**11.00 - 12.30**

**Chairs**

**6. Oral Session I - Shannon Suite 2&3**

C. McCarthy, St Vincent's University Hospital, Dublin  
M. Rogan, University Hospital Waterford

**6.1 Prevalence and Clinical Characteristics of LAM in an Irish Cohort**

Maitreyi Penugonda<sup>1</sup>, Evelyn Lynn<sup>1,2</sup>, Marissa O'Callaghan<sup>1,2</sup>, Barry Moran<sup>1</sup>, Lindsay Brown<sup>1</sup>, Michael P Keane<sup>1,2</sup>, Cormac McCarthy<sup>1,2</sup>

<sup>1</sup>Department of Respiratory Medicine, St. Vincent's University Hospital, Dublin 4, Ireland. <sup>2</sup>School of Medicine, University College Dublin, Dublin 4, Ireland.

**6.2 Pharmaceutical Modifications of Human Epididymis Protein 4 (HE4) has Antifibrotic and Anti-Inflammatory Effects on lung fibrosis**

Paul Peppard<sup>1,2</sup>, Nazia Chaudhuri<sup>2</sup>, Koray Niels Potel<sup>2</sup>, Bettina Claudia Schock<sup>1</sup>

<sup>1</sup> Queen's University Belfast, Belfast, Antrim, UK. <sup>2</sup>Ulster University, Derry, Londonderry, UK.

**6.3 Induced Pluripotent Stem Cell-derived Alveolar Epithelial Type 2 Cells – A Novel Model to investigate Sex Hormones and their Role in Pulmonary Fibrosis**

<sup>1,2</sup>Anja Schweikert, <sup>3</sup>Sahin Sarihan, <sup>1,2</sup>Mari Ozaki, <sup>3,4</sup>Hannah Nyarko, <sup>5</sup>Imran Sulaiman, <sup>1,2</sup>Irene Oglesby, <sup>1,2</sup>Killian Hurley

<sup>1</sup>Department of Medicine, Royal College of Surgeons, Dublin, Ireland

<sup>2</sup>Tissue Engineering Research Group, Royal College of Surgeons, Dublin, Ireland

<sup>3</sup>School of Pharmacy and Biomolecular Sciences, Royal College of Surgeons, Dublin, Ireland

<sup>4</sup>SFI Centre Research Training in Genomics Data Science, Ireland

<sup>5</sup>Department of Respiratory Medicine, Beaumont Hospital, Dublin, Ireland

**6.4 An adenoviral COVID-19 vaccine enhances monocyte responses to *Mycobacterium tuberculosis*.**

Dearbhla M. Murphy<sup>1</sup>, Dónal J. Cox<sup>1</sup>, Sarah A. Connolly<sup>1</sup>, Eamon Breen<sup>1</sup>, Aenea A.I. Brugman<sup>1</sup>, James P. Phelan<sup>1</sup>, Joseph Keane<sup>1</sup> and Sharee A. Basdeo<sup>1</sup>.

<sup>1</sup> Trinity College Dublin

**6.5 The Potential Impact of Sublobar Resection for NSCLC Management in an Irish Setting**

Rebecca Weedle<sup>1</sup>, Jack Whooley<sup>1</sup>, Vincent Young<sup>1</sup>, GJ Fitzmaurice<sup>1</sup>, Ronan Ryan<sup>1</sup>

<sup>1</sup>St James's Hospital, Dublin

**6.6 The microbiota-derived metabolite butyrate modulates the inflammatory and bacterial responses of lung macrophages and monocytes against *Streptococcus pneumoniae*.**

Kate Roche<sup>1</sup>, Craig P. McEntee<sup>1</sup>, Ross W. Ward<sup>1</sup>, Ed C. Lavelle<sup>1</sup> and Natalia Muñoz-Wolf<sup>1</sup>

<sup>1</sup>Trinity College Dublin, Ireland.

**12.30 – 14.00**

**ITS AGM/Lunch/Meet the Industry - Restaurant**

**14.00 – 14.45**

**ITS Poster Review II – Shannon Suite 2 & 3**

**14.45 – 16.00**

**ITS Parallel Poster Discussions**

**Chairs**

**7. Integrated Respiratory Care – Shannon Suite**

S. Miller, Mater Misericordiae University Hospital, National Clinical Lead NCP Respiratory

O. Riley, Wexford Physiotherapy Services CHO 5, National HSCP Lead NCP Respiratory

**Chairs**

**8. General Respiratory 2 – City View & Harris Suite**

E. Mulloy, Limerick

O. Quinn, Nenagh University Hospital



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- 9. Lung Cancer, Pleural & Surgery – O'Brien Wogan Suite**  
Chairs G. Fitzmaurice, St James's Hospital Dublin  
E. O'Brien, Beaumont Hospital Dublin
- 10.TB, CF & Infections – Henihan Suite**  
Chairs J. Rendall, Belfast City Hospital, Belfast  
L. Gleeson, St James's Hospital, Dublin
- 16.00 - 16.30**      **Tea/Coffee/Meet the Industry – Shannon Suite 1**
- 16.30 – 17.30**      **11. Oral Session II**  
Chairs K. Finan, Sligo University Hospital, Sligo  
E. Moloney, Tallaght University Hospital, Tallaght
- 11.1 A pilot study evaluating the clinical applicability of a novel hardware & software platform (aflo™) in patients with airway disease**  
<sup>1</sup>Martin G Kelly, <sup>2</sup>Susan Kelly, <sup>3</sup>Geraldine Horigan, <sup>4</sup>John O Kelly, <sup>2,5</sup>Liam Mc Daid & <sup>2,5</sup>Jim Harkin  
<sup>1</sup>Altnagelvin Hospital, Western Health & Social Care Trust, Derry, <sup>2</sup>Respiratory Analytics Ltd, Derry, <sup>3</sup>Ulster University, Coleraine, <sup>4</sup>Aberfoyle Medical Practice, Derry, <sup>5</sup>Ulster University, Derry
- 11.2 Implementing SleepHalo as a clinical decision support system (CDSS) for non-compliant complex Continuous positive Airway Pressure (CPAP) therapy cases.**  
<sup>1</sup>Megan McGrane, <sup>1</sup>Lauren McCann, <sup>1</sup>Liam Cormican <sup>1</sup>Aisling McGowan  
<sup>1</sup>Connolly Hospital, Dublin, Ireland
- 11.3 Retrospective 10-year review of medical thoracoscopies in Galway University Hospital 2013 - 2023**  
Sally Griffiths<sup>1</sup>, Lucy Power<sup>1</sup>, Killian Marsh<sup>1</sup>, David Breen<sup>1</sup>  
<sup>1</sup>Galway University Hospital, Galway, Ireland
- 11.4 Is Fissure Integrity Affected by the Severity of Emphysema and Does This Direct the Choice of Lung Volume Reduction Procedure?**  
<sup>1</sup>Ben Shanahan, Luigi Ventura, Joanne Hargrave, David Waller  
<sup>1</sup>St Bartholomew's Hospital, West Smithfield, London, United Kingdom
- 16.30 – 17.30**      **NCP Respiratory – Harris Suite**  
Chair S. Miller, Mater Misericordiae University Hospital, National Clinical Lead NCP Respiratory  
**Creating the conditions for Change and Integration in Respiratory Medicine**  
with presentation by Lisa McDaid Organisation Development & Change Practitioner | HSE Organisation Development & Design – *Improving Change Capacity*
- 17.30 – 18.30**      **Guest Lecture - Shannon Suite 2&3**  
Chairs A. O'Brien, University Hospital Limerick  
S. O'Beirne, St Vincent's University Hospital Dublin  
**COPD: How Biological Understanding is Altering Our Approach to Diagnosis and Management**  
Professor Fernando Martinez, Cornell University



**19.30 – 20.00**                    **Drinks Reception and Prizegiving**  
**20.30 – late**                    **Gala Dinner and Presentation of Award for Outstanding  
Contribution to Respiratory Medicine**

**Affiliate Forums and Parallel Meetings**

**10.00 – 17.00**                    **ITS Paediatric Forum – Library Suite**  
**11.00 – 12.30**                    **ANAIL Forum - O'Brien Wogan Suite**  
**11.00 – 12.30**                    **IICMP Respiratory Faculty Forum - Henihan**  
**11.00 – 12.30**                    **CPRC Forum – Harris Suite**  
**12.30 – 14.00**                    **ITS AGM - Harris Suite**  
**13.00 – 14.00**                    **COPD Outreach – Henihan Suite**

**Saturday 11<sup>th</sup> November 2023**

**09.00 – 09.45**                    **Guest Lecture - Shannon Suite 2&3**  
**Chairs**                            S. Lane, Tallaght University Hospital  
    D. Murphy, Cork University Hospital  
**The role of allergen immunotherapy in allergic airway disease**  
Dr Guy Scadding, Royal Brompton & Harefield NHS Foundation Trust

**09.45 – 10.30**                    **Guest Lecture - Shannon Suite 2&3**  
**Chairs**                            C. Gunaratanam, Beaumont Hospital, Dublin  
    M. Sheehy, Midland Regional Hospital Mullingar, Co Westmeath  
**The New Age of Bronchiectasis**  
Dr Melissa McDonnell, Galway University Hospitals

**10.30 – 11.00**                    ***Tea/Coffee/Meet the Industry - Shannon Suite 1***

**11.00 – 11.45**                    **Guest Lecture - Shannon Suite 2&3**  
**Chair**                              A. O'Brien, University Hospital Limerick  
**The Realisation of Integrated Respiratory Care: Looking to the  
Future**  
S. Miller, Mater Misericordiae University Hospital, National Clinical Lead NCP  
Respiratory  
O. Riley, Wexford Physiotherapy Services CHO 5, National HSCP Lead NCP  
Respiratory

**11.45 – 13.00**                    **Guest Lecture - Shannon Suite 2&3**  
**Moderator**                      B. Casserly, University Hospital Limerick  
**The Answers Come From Asking the Right Questions - Guiding the  
Physiologic Assessment in Practice: A Case-based Session**  
Professor Eric Gartman, Associate Professor of Medicine, Warren Alpert  
Medical School of Brown University, Division of Pulmonary and Critical Care  
Medicine

**13.00**                                **Lunch - Restaurant**

**Affiliate Forums and Parallel Meetings**

**11.00 – 12.00**                    **National Bronchoscopy QI Programme Information Session – Harris Suite**  
**13.00 – 14.00**                    **The Irish Pleural Group Inaugural Meeting – Henihan Suite**