



Irish Thoracic Society

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

Thursday 9th November 2023

- 13.30 - 16.30** **Specialist Registrar Training**
- 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 10th 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 I - 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 **6. Oral Session I - Shannon Suite 2&3**

Chairs 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 Penugonda¹, Evelyn Lynn^{1,2}, Marissa O'Callaghan^{1,2}, Barry Moran¹, Lindsay Brown¹, Michael P Keane^{1,2}, Cormac McCarthy^{1,2}

¹Department of Respiratory Medicine, St. Vincent's University Hospital, Dublin 4, Ireland. ²School 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^{1,2}, Nazia Chaudhuri², Koray Niels Potel², Bettina Claudia Schock¹

¹ Queen's University Belfast, Belfast, Antrim, UK. ²Ulster 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

^{1,2}Anja Schweikert, ³Sahin Sarihan, ^{1,2}Mari Ozaki, ^{3,4}Hannah Nyarko, ⁵Imran Sulaiman, ^{1,2}Irene Oglesby, ^{1,2}Killian Hurley

¹Department of Medicine, Royal College of Surgeons, Dublin, Ireland

²Tissue Engineering Research Group, Royal College of Surgeons, Dublin, Ireland

³School of Pharmacy and Biomolecular Sciences, Royal College of Surgeons, Dublin, Ireland

⁴SFI Centre Research Training in Genomics Data Science, Ireland

⁵Department of Respiratory Medicine, Beaumont Hospital, Dublin, Ireland

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

Dearbhla M. Murphy¹, Dónal J. Cox¹, Sarah A. Connolly¹, Eamon Breen¹, Aenea A.I. Brugman¹, James P. Phelan¹, Joseph Keane¹ and Sharee A. Basdeo¹.

¹ Trinity College Dublin

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

Rebecca Weedle¹, Jack Whooley¹, Vincent Young¹, GJ Fitzmaurice¹, Ronan Ryan¹

¹St 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 Roche¹, Craig P. McEntee¹, Ross W. Ward¹, Ed C. Lavelle¹ and Natalia Muñoz-Wolf¹

¹Trinity College Dublin, Ireland.

12.30 – 14.00 **ITS AGM/Lunch/Meet the Industry - Shannon Suite 1/Restaurant**



14.00 – 14.45 **ITS Poster Review II – Shannon Suite 2 & 3**
14.45 – 16.00 **ITS Parallel Poster Discussions**

Chairs **7. Integrated Care – Shannon Suite**
S. Miller, Mater University Hospital Dublin
O. Riley, HSE

Chairs **8. General Respiratory 2 – City View & Harris Suite**
E. Mulloy, Limerick
O. Quinn, Nenagh University Hospital

Chairs **9. Lung Cancer, Pleural & Surgery – O’Brien Wogan Suite**
G. Fitzmaurice, St James’s Hospital Dublin
E. O’Brien, Beaumont Hospital Dublin

Chairs **10. TB, CF & Infections – Henihan Suite**
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
¹Martin G Kelly, ²Susan Kelly, ³Geraldine Horigan, ⁴John O Kelly, ^{2,5}Liam Mc Daid & ^{2,5}Jim Harkin

¹Altnagelvin Hospital, Western Health & Social Care Trust, Derry, ²Respiratory Analytics Ltd, Derry, ³Ulster University, Coleraine, ⁴Aberfoyle Medical Practice, Derry, ⁵Ulster University, Derry

11.2 Implementing SleepHalo as a clinical decision support system (CDSS) for non-compliant complex Continuous positive Airway Pressure (CPAP) therapy cases.
¹Megan McGrane, ¹Lauren McCann, ¹Liam Cormican ¹Aisling McGowan
¹Connolly Hospital, Dublin, Ireland

11.3 Retrospective 10-year review of medical thoracoscopies in Galway University Hospital 2013 - 2023
Sally Griffiths¹, Lucy Power¹, Killian Marsh¹, David Breen¹
¹Galway 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?
¹Ben Shanahan, Luigi Ventura, Joanne Hargrave, David Waller
¹St Bartholomew’s Hospital, West Smithfield, London, United Kingdom

16.30 – 17.30 **NCP Respiratory – Harris Suite**
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
Chairs

Guest Lecture II: - Shannon Suite 2&3

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
20.30 – late

Drinks Reception and Prizegiving

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 11th November 2023

09.30 – 10.15
Chairs

Guest Lecture IV - Shannon Suite 2&3

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

10.15 – 11.00
Chairs

Guest Lecture III - Shannon Suite 2&3

C. Gunaratanam, Beaumont Hospital, Dublin
M. Sheehy, Midland Regional Hospital Mullingar, Co Westmeath

Bronchiectasis Update

Dr Melissa McDonnell, Galway University Hospital

11.00 – 11.30

Tea/Coffee/Meet the Industry - Shannon Suite 1

11.30 – 12.00

Integrated Care Update - Shannon Suite 2&3

Dr Stanley Miller, Ms Olga Riley, National Clinical Programme Respiratory

12.00 – 13.00
Moderator

Guest Lecture IV: Shannon Suite 2&3

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

Affiliate Forums and Parallel Meetings

11.00 – 12.00

National Bronchoscopy QI Programme Information Session – Harris Suite