

**Irish Thoracic Society Annual Scientific Meeting  
Galway Bay Hotel, Galway: 6<sup>th</sup> – 7<sup>th</sup> November 2009**

**Thursday 5<sup>th</sup> November 2009**

**14.00 - 17.00**                    **Specialist Registrar Training** - Inishmaan Suite

**Friday, 6<sup>th</sup> November 2009**

**07.30 – 08.30**                    **Registration, tea and coffee** – Main Lobby

**08.30 – 09.30**                    **Poster Review** - Ground Floor Conservatory & Terrace

**9.30 – 10.30**                    **Poster Discussions**

**1. Obstructive Disease and Emphysema** - Ballyvaughan Suite

**Chairs:**                            Dr Katherine Finan, Merlin Park University Hospital Galway  
Dr John Faul, Connolly Hospital, Dublin

**2. Bronchiectasis, Tuberculosis and other Infections** - Inishturk Suite

**Chairs:**                            Dr Jackie Rendall, Belfast City Hospital, Belfast  
Dr Ed McKone, St Vincent's University Hospital, Dublin

**10.30 – 11.00**                    **Tea and coffee, exhibition viewing** – Lettermore Suite & Conservatory

**11.00 – 12.00**                    **Irish Thoracic Society Guest Lecture** – Ballyvaughan Suite

11.00 -11.10                    **Introduction:** Dr Anthony O'Regan, Galway University Hospital

**11.10 – 11.50**                    **Tubercular Challenges**  
Dr. Joseph Keane MD, BSc, MRCPI, MRCP(UK)  
Associate Professor of Medicine, Consultant Respiratory Physician, St. James's Hospital (CResT), Dublin

**12.00 – 13.30**                    **Irish Thoracic Society Symposium: Granulomatous Diseases** – Ballyvaughan Suite

**Chairs:**                            Dr Anthony O'Regan, Galway University Hospital, Galway  
Dr Terry O'Connor, Mercy University Hospital, Cork

**12.00 – 12.45**                    **The diagnosis of TB infection in the 21st century**  
Professor Ajit Lalvani MA, DM, FRCP, Chair of Infectious Diseases,  
Director, Tuberculosis Research Unit, Department of Respiratory  
Medicine, National Heart and Lung Institute, Imperial College London

**12.45 – 13.30**                    **Pathogenesis of Sarcoidosis: Role of Mycobacteria?**  
Dr David R. Moller, MD, Associate Professor of Medicine  
Johns Hopkins University School of Medicine, Baltimore, Maryland  
USA

**Parallel Forums**

**12.00 – 13.30**                    **ANAIL (Association of Respiratory Nurses)** - Inishturk Suite

- 12.00 – 13.30**                    **Chartered Physiotherapists in Respiratory Care (CPRC) –**  
Inishmaan Suite
- 12.00 – 13.30**                    **Irish Association of Respiratory Scientists (IARS) -** Inisheer Suite
- 13.30 – 14.30**                    **Lunch –** Lobster Pot Restaurant & Cafe Lido
- 14.30 – 15.30**                    **3. Oral Presentations: Basic Science – Ballyvaughan Suite**
- Chairs:**                            Prof Michael Keane, St Vincent's University Hospital, Dublin  
Prof Cliff Taggart, Queens University, Belfast
- 14.30 – 3.1**                        **Does chronic exposure to IL-9 alone or IL-9 combined with IL-13 effect the differentiation of paediatric asthmatic and non-asthmatic bronchial epithelial *in vitro* cultures?**  
S Thavagnanam, JC Parker, G Skibinski, MD Shields and LG Heaney  
Respiratory Medicine Research Cluster, Centre for Infection and Immunity, Microbiology Building, Queen's University Belfast, Grosvenor Road, Northern Ireland, BT12 6BN  
*Irish Thoracic Society - Boehringer Ingelheim Research Fellowship*
- 14.40 – 3.2**                        **Expression profiling in cystic fibrosis reveals differential expression of miRNA**  
I.K. Oglesby, I. Bray, S.H Chotirmall , R.L. Stallings, S.J. O'Neill, N.G. McElvaney, C.M. Greene.  
Dept of Medicine, Royal College of Surgeons in Ireland
- 14.50 – 3.3**                        **Effect of Lipoxin A<sub>4</sub> in Modifying the Bronchial Airway Surface Liquid Layer**  
Mazen Al-Alawi<sup>1</sup>, Valia Verriere<sup>1</sup>, Olive Mc Cabe<sup>1</sup>, Valerie Urbach<sup>2</sup>, Brian J. Harvey<sup>1</sup>, Richard W. Costello<sup>3</sup>  
1. Department of Molecular Medicine, RCSI, Dublin, Ireland. 2. U661, INSERM, Montpellier, France. 3. Department of Respiratory Medicine, RCSI, Dublin, Ireland.
- 15.00 – 3.4**                        **C-type Natriuretic Peptide Attenuates Vascular Remodeling In Severe Pulmonary Hypertension**  
Brian Casserly, Jeffrey Mazer, Sharon Rounds, Gaurav Choudhary, Providence VA Medical Ctr/ Brown Univ, Providence, RI
- 15.10 – 3.5**                        **CXCL9 signaling in the regulation of TGF- $\beta$  induced EMT**  
O'Beirne S, Reviriego C, Kane R, Cramton J, Counihan I, Keane MP.  
Department of Respiratory Medicine, St Vincent's University Hospital and The Conway Institute, University College Dublin, Dublin 4.
- 15.20 – 3.6**                        **Defective Toll-like Receptor - 3 (TLR3) Function Promotes Pulmonary Inflammation and Persistent Fibrotic Disease Via an IL-13 Dependet Mechanism in Sarcoidosis.**  
1Michelle E. Armstrong, 2Amrita Joshi, 1Gordon Cooke, 1Ijaz Kamal, 1Ranjitha Ananda-Kumar, 1Lili Li, 1John Baugh, 3Denis Shields, 2Cory M. Hogaboam, 1Seamas C. Donnelly.  
1School of Medicine and Medical Science, UCD Conway Institute of Biomedical and Biomolecular Research and 3UCD Complex and Adaptive Systems Laboratory, University College Dublin, Belfield, Dublin 4; 2Department of Pathology, University of Michigan Medical School, Ann Arbor, MI, USA.
- 15.30 – 16.00**                    **Tea and coffee, exhibition viewing –** Lettermore Suite & Conservatory

- 16.00 – 17.00**                      **4. Oral Presentations: Clinical – Ballyvaughan Suite**
- Chairs:**                              Dr Eddie Moloney, Adelaide and Meath incorporating the National Children's Hospital, Dublin  
Prof Richard Costello, Beaumont Hospital, Dublin
- 16.00 – 4.1**                              **MRSA in Adults with Cystic Fibrosis (CF): An Irish Perspective**  
Devine LA, Barry PJ, Doyle JC, Fitzgerald S, McKone EF, Gallagher CG. Departments of Respiratory Medicine and Microbiology and the National Referral Centre for Adult Cystic Fibrosis, St. Vincent's University Hospital, Elm Park, Dublin 4
- 16.10 – 4.2**                              **Gender Bias in Chronic Obstructive Pulmonary Disease (COPD) Patients using The Saint George's Respiratory Questionnaire (SGRQ). A Pan-European Collaboration.**  
Branagan P<sup>1</sup>, Eustace JA<sup>2</sup>, Keatings V<sup>3</sup>, DonnellySC<sup>4</sup>, O'Connor CM<sup>4</sup>, Plant BJ<sup>1</sup>  
<sup>1</sup>Department of Respiratory Medicine, Cork University Hospital, University College Cork.  
<sup>2</sup>Department of Renal Medicine, Cork University Hospital, University College Cork.  
<sup>3</sup>Letterkenny General Hospital, Letterkenny, Co Donegal.  
<sup>4</sup>School of Medicine and Medical Science, The Conway Institute, University College Dublin.
- 16.20 – 4.3**                              **The Impact of Acute Exacerbations on IPF Patients Awaiting Lung Transplantation**  
Judge EP, McCarthy J, Wood AE, Egan JJ, National Lung Transplant Program, Mater Misericordiae University Hospital, Dublin 7.
- 16.30 – 4.4**                              **A comparison of the effects of manual and ventilator hyperinflation on peak expiratory flow, with and without chest wall vibrations, in an artificial lung model.**  
M Scanlan [1], H Shannon [2], G Ntoumenopoulos [3], E Main [2].  
[1] St.James Hospital, Ireland.  
[2] UCL Institute of Child Health, London, United Kingdom.  
[3] Guys' and St. Thomas's NHS Foundation Trust, London, United Kingdom
- 16.40 – 4.5**                              **We conducted a national audit of bronchoscopy practice in Ireland and compared results with published guidelines.**  
Hassan T, Hurley K, Morgan R. *Department of Respiratory, Beaumont Hospital, Dublin 9*
- 16.50 – 4.6**                              **Multi-drug resistant tuberculosis: experiences of two Irish tertiary referral centres**  
B Kennedy (1), B O Connor (1), B Korn (2), F Gargoum (1), N Gibbons (3), TM O Connor (1), J Keane (2)  
1. Department of Respiratory Medicine, Mercy University Hospital, Cork.  
2. Department of Respiratory Medicine, St. James's Hospital, Dublin 8.  
3. Department of Microbiology, St. James's Hospital, Dublin 8.
- 17.00 – 18.30**                              **Irish Thoracic Society AGM – Inishmaan Suite**
- 19.30 – Late**                              **ITS Gala Drinks Reception and Dinner – Leather Lounge & Ballyvaughan Suite**  
*Featuring the presentation of the inaugural ITS Award For Outstanding Contribution to Respiratory Medicine*

**Saturday 7<sup>th</sup> November 2009**

**08.30 – 09.30**                      **Poster Review** - Ground Floor Conservatory

**9.30 – 10.30**                      **Poster Discussions**

**5. Lung Cancer and Interstitial Lung Disease** - Ballyvaughan Suite

**Chairs:**                              Dr Ross Morgan, Beaumont Hospital, Dublin  
Dr Robert Rutherford, Galway University Hospital, Galway

**6. Physiology / Pulmonary Hypertension / Sleep**  
- Inishturk Suite

**Chairs:**                              Dr Sean Gaine, Mater Hospital, Dublin  
Dr Aidan O'Brien, Midlands Regional Hospital, Mullingar

**10.30 – 11.00**                      **Tea and coffee, exhibition viewing**  
Lettermore Suite & Conservatory

**11.00 – 14.00**                      **Irish Thoracic Society Symposium: Sleep Disorders**

**Chairs:**                              Professor JJ Gilmartin, Merlin Park University Hospital, Galway  
Professor Walter Mc Nicholas, St Vincent's University Hospital, Dublin

**11.00 – 11.30**                      **Driving Risk and Obstructive Sleep Apnoea**  
Dr Alan Mulgrew, Consultant Respiratory Physician, Bons Secours  
Hospital, Tralee, Co Kerry

**11.30 – 12.00**                      **Is Restless Legs Syndrome a Sleep Disorder?**  
Dr Shaun T O'Keeffe, Consultant in Geriatric & General Medicine,  
Merlin Park University Hospital, Galway

**12.00 – 12.40**                      **To be "seized by somnolence" – the science of narcolepsy**  
Dr Paul Reading, Consultant Neurologist, The James Cook University  
Hospital Middlesbrough TS4 3BW

**12.40 – 13.20**                      **Sleep Apnoea and Stroke: Chicken or Egg Revisited**  
Prof GJ Gibson, Professor of Respiratory Medicine, University of  
Newcastle upon Tyne; and Consultant Respiratory Physician,  
Freeman Hospital, Newcastle upon Tyne, UK

#### **Oral Presentations**

**13.20 – 13.30**                      ***In vivo* intermittent hypoxia induces NFκB activity in an organ  
7.1 specific manner**  
JF Garvey<sup>1,2</sup>, S Ryan<sup>1</sup>, S Fitzpatrick<sup>2</sup>, M Tambuwala<sup>2</sup>, D Edge<sup>2</sup>, A  
O'Connor<sup>2</sup>, KD O'Halloran<sup>2</sup>, WT McNicholas<sup>1,2</sup>, CT Taylor<sup>2</sup>.  
<sup>1</sup>St. Vincent's University Hospital, Dublin, Ireland and <sup>2</sup>School of  
Medicine and Medical Science, Conway Institute, University College  
Dublin, Dublin, Ireland.

**13.30 – 13.40**                      **Precision and utility of an ambulatory sleep diagnostic system  
7.2 based on peripheral arterial tonometry (PAT) compared to  
simultaneous polysomnography in patients with OSAS**  
Dr. Kashif Ali Khan<sup>1</sup>, Dr. Akke Vellinga<sup>2</sup>, Mr. Maurizio Amoia<sup>1</sup>, Dr.  
Katherine Finan<sup>1</sup> and Prof. JJ Gilmartin<sup>1</sup>,  
<sup>1</sup>Department of Respiratory Medicine, Merlin Park university Hospital,  
Galway, Ireland and <sup>2</sup>Department of General Practice, National  
University of Ireland Galway, Galway, Ireland.

- 13.40 – 13.50**  
7.3 **National Survey of Narcolepsy in Ireland**  
LS Doherty<sup>1</sup>, B Sweeney<sup>2</sup>,  
<sup>1</sup>Dept. of Medicine, Bon Secours, Cork,  
<sup>2</sup>Dept. of Neurology, Cork University Hospital
- 13.50 – 14.00**  
7.4 **Detection of respiratory events during full Polysomnography: A comparison of three different methods using Nasal Pressure Transducer, Thermistor and both in conjunction**  
M. Varghese, M. Agnew, P. Coss, F. O Connell,  
Sleep & Respiratory Laboratory, St. James's Hospital
- Parallel Meetings**
- 11.00 – 13.30** **8. Meeting of the Irish Thoracic Society Paediatric Forum - Inishmaan Suite**
- Oral Presentations**
- 11.00 – 11.08**  
8.1 **The utility of the annual six minute walk test (6MWT) in children with cystic fibrosis (CF)**  
Karen Ingoldsby<sup>1</sup>, Maire Gilbourne<sup>1</sup>, Gerry Canny<sup>1</sup>, Barry Linnane<sup>1</sup>  
1. Our Lady's Children's Hospital, Crumlin, Dublin
- 11.08 – 11.16**  
8.2 **Comorbidities with Cystic Fibrosis.**  
Williamson M<sup>1</sup>, Connor S<sup>1</sup>, O'Neill M<sup>2</sup>, Morgan M<sup>1</sup>, Slattery DM<sup>1</sup>.  
<sup>1</sup>Children's University Hospital, Temple St, Dublin 1.  
<sup>2</sup>Department of Paediatrics, Mayo General Hospital, Castlebar.
- 11.16 – 11.24**  
8.3 **Audit of routine bronchoscopies and bronchoalveolar lavage in patients with cystic fibrosis aged less than six years, attending Our Lady's Children Hospital Crumlin.**  
S. Vaish<sup>1</sup>, P. McNally<sup>1</sup>, G. Canny<sup>1</sup>, P. Mc Nally<sup>1</sup>, B. Linnane<sup>1</sup>  
<sup>1</sup>Respiratory Department, Our Lady's Children Hospital, Crumlin, Dublin
- 11.24 – 11.32**  
8.4 **Impact of infection control measures on chronic *Pseudomonas aeruginosa* colonisation rates in a Paediatric cystic fibrosis unit.**  
M O' Callaghan M Ní Chróinín,  
Cork University Hospital, Wilton, Cork.
- 11.32 – 11.40**  
8.5 **Review of Paediatric Flexible Bronchoscopy service in a Tertiary centre in Ireland.**  
C O'Carroll, L Doherty, F Cunningham, D Slattery. 1  
Respiratory Department, 1Children's University Hospital, Temple Street, Dublin 1.
- 11.40 – 11.48**  
8.6 **Paediatric Sleep Disordered Breathing and Non Invasive Ventilation: Service Audit**  
Carrig C, Devitt M, Mc Donald M, Greally P  
Department of Paediatric Respiratory, The National Children's Hospital, Dublin 24
- 11.48 – 11.56**  
8.7 **A One Stop Shop: Audit of Respiratory Outpatient Service for patients with Neuromuscular Disease (NMD).**  
Connor S, Williamson M, Caulfield U, Slattery DM.

Respiratory Department, Childrens University Hospital, Temple Street, Dublin 1.

- 11.56 – 12.04**  
**8.8**                    **Big Lung, Little Lung**  
C O'Carroll, L Doherty, F Cunningham, T Bates, E Twomey, D Slattery.<sup>1</sup>  
Respiratory Department, 1Children's University Hospital, Temple Street, Dublin 1.
- 12.04 – 12.12**  
**8.9**                    **“An Unusual Case of Congenital Tuberculosis”**  
M Price, D Cox, P Gavin, M O'Sullivan, G Canny,  
Our Lady's Children's Hospital Crumlin, Drimnagh Road, Crumlin, Dublin 12
- 12.12-12.20**  
**8.10**                    **Skin Prick Testing audit in Irish Children**  
Anita Doggett, Denise L. Moran, Niall Smith, Dubhfeasa Slattery.Children's University Hospital
- 12.20 – 12.28**  
**8.11**                    **Air Pollution and Seasonal Acute Childhood Asthma**  
Loftus A, O'Muircheartaigh I, Jennings SG, & Loftus BG.  
School of Medicine, and Environmental Change Institute, NUI Galway.
- 12.28 – 12.36**  
**8.12**                    **Maternal smoking and adverse birth outcomes in Ireland**  
Kabir Z, Clarke V, \*Daly S, Keogan S, Clancy L  
Research Institute for a Tobacco Free Society (RIFTFS) Dublin;  
\*Coombe Women & Infant, University Hospital Dublin
- 12.36 – 12.44**  
**8.13**                    **Cigarette smoking as a marker for drug use and risk taking behaviour in Irish teenagers.**  
O'Cathail SM<sup>1,2</sup>, O'Connell OJ<sup>1</sup>, Long N<sup>2</sup>, Morgan M<sup>3</sup>, Eustace J<sup>4</sup>, Plant BJ<sup>1</sup>, Hourihane JO'B<sup>2</sup>  
<sup>1</sup>Department of Respiratory Medicine, <sup>2</sup> Department of Paediatrics and Child Health, UCC, <sup>3</sup> St. Patrick's College, Dublin City University  
<sup>4</sup>Department of Renal Medicine, CUH
- 12.44 – 13.30**  
**Guest Lecture: Early Life Influences on Lung Function and Respiratory Outcome**  
Dr David Mullane, Consultant Paediatrician, Cork University Hospital
- 11.00 – 12.00**  
**Irish Association of Pulmonary Rehabilitation – Multi-disciplinary meeting – Inishturk Suite**
- 14.00 – 14.15**  
**Prize giving and Close**
- 14.15**                    **Lunch**