



14.30 – 16.30

Chairs

ITS Oral Presentations – Rathaskar Suite

S. Ryan - St Vincent's University Hospital Dublin

A. O'Regan – Galway University Hospital Galway

14.30`

1. Use of digital measurement of medication adherence and lung function to guide the management of uncontrolled asthma: The INCA Sun randomized clinical trial

Elaine Mac Hale¹, presenting author on behalf of the INCA Sun randomized clinical trial work group.

1. RCSI, Dublin, Ireland.

14.45

2. A systematic assessment clinic for COPD reduces hospitalisation rates

Finbarr Harnedy¹, Jack Allen¹, Michele Cuddihy¹, Eimear Ward², Ciara Feeney², Maeve Sorohan², Imran Sulaiman¹, Breda Cushen¹

¹Department of Respiratory Medicine, Beaumont Hospital, Dublin 9

²Respiratory Integrated Care, Beaumont Hub, Dublin North City and County CH09

15.00

3. The Benefit of a Liraglutide-Based Weight Loss Regimen Alone or in Addition to Standard CPAP Therapy on Metabolic Function, Atherosclerosis and Inflammation in Patients with Obstructive Sleep Apnoea - an Explorative, Proof of Concept Study

Cliona O'Donnell^{1,2}, Shane Crilly³, Anne O'Mahony¹, Jonny Dodd^{2,3}, Donal O'Shea⁴, David Murphy^{2,3}, Silke Ryan^{1,2}

¹Pulmonary and Sleep Disorders Unit, St. Vincent's University Hospital, Dublin, Ireland

²University College Dublin, School of Medicine, Dublin, Ireland

³Radiology Department, St. Vincent's University Hospital, Dublin, Ireland

⁴Endocrinology Department, St. Vincent's University Hospital, Dublin, Ireland

15.15

4. Evidence of mTORC1 pathway in Diffuse Idiopathic Pulmonary Neuroendocrine Cell Hyperplasia (DIPNECH)

Maylis Alquier^{1,2}, Janet McCormack², Marissa O'Callaghan^{4,6}, Evelyn Lynn^{4,6}, Orla O'Carroll⁴, David Murphy^{5,7}, Rachel Crowley⁷, Dermot O'Toole⁷, Cormac

McCarthy^{4,6}, Aurelie Fabre^{2,3,6,7}

1. Faculty of Medicine, University of Limoges, France
2. Research Pathology Core, Conway Institute, University College Dublin,
3. Histopathology department, St. Vincent's University Hospital, Dublin, Ireland
4. Department of Respiratory Medicine, St. Vincent's University Hospital, Dublin, Ireland
5. Department of Radiology, St. Vincent's University Hospital, Dublin, Ireland
6. School of Medicine and Medical Sciences, University College Dublin, Dublin, Republic of Ireland
7. ENETS Centre for Excellence, St. Vincent's University Hospital, Dublin, Ireland



- 15.30** **5. Investigation of the Utility of Exhaled Breath Condensate (EBC) as a Liquid Biopsy in the Detection of Spatial Genomic Heterogeneity in Patients with Early-Stage Non-Small Cell Lung Cancer (ESLC)**
Robert Smyth^{1,2}, Simon Furney³, Siobhan Nicholson⁴, Katherine Sheehan⁵, Ronan Ryan⁶, Daniel Ryan^{2,7}, Liam Grogan⁸, Oscar Breathnach⁸, Patrick Morris⁸, Bryan Hennessy^{2,8}, Ross Morgan^{7*}, Sinead Toomey^{2*}
¹Pulmonary Critical Care, Boston Medical Center, Boston, MA, United States, ²Department of Molecular Medicine, Royal College of Surgeons in Ireland, Dublin, Ireland, ³Genomic Oncology Research Group, Royal College of Surgeons in Ireland, Dublin, Ireland, ⁴Department of Pathology, St. James's Hospital, Dublin, Ireland, ⁵Department of Histopathology, Royal College of Surgeons in Ireland, Dublin, Ireland, ⁶Thoracic Surgery, St. James's Hospital, Dublin, Ireland, ⁷Department of Respiratory Medicine, Beaumont Hospital, Dublin, Ireland, ⁸Department of Medical Oncology, Beaumont Hospital, Dublin, Ireland.
- 15.45** **6. Circulating soluble P2X7 receptor as a novel indicator of resolution of inflammation in patients with cystic fibrosis.**
Azeez Yusuf¹, Debananda Gogoi¹, Claudie Gabillard-Lefort¹, Cedric Gunaratnam^{1,2}, Noel G. McElvaney^{1,2}, Michelle Casey^{1,2} & Emer P. Reeves¹
¹*The Irish Centre of Genetic Lung Disease, Dept of Medicine, Royal College of Surgeons in Ireland, Dublin, Ireland*
²*Cystic Fibrosis Unit, Dept of Respiratory Medicine, Beaumont Hospital, Dublin, Ireland*
- 16.00** **7. Results of the Irish Thoracic Society (ITS) Bronchoscopy questionnaire in preparation for the National Bronchoscopy Quality Improvement project**
Dr Daniel Ryan¹, Prof Marcus Kennedy²
1. Department of Respiratory Medicine, Beaumont Hospital, Dublin
2. Department of Respiratory Medicine, Cork University Hospital
- 16.15** **8. Incidence and outcomes of pulmonary arterial hypertension in the Republic of Ireland**
Sarah Cullivan¹, Brian McCullagh¹, Sean Gaine¹
1. National Pulmonary Hypertension Unit, Mater Misericordiae University Hospital, Dublin,