



## WINTER MEETING 2025



British  
Thoracic  
Society

# Full Programme and Conference Information

**WEDNESDAY 26 TO FRIDAY 28 NOVEMBER**  
**QEII CENTRE, LONDON**

Early bird discount deadline: 14:00 on 1 October 2025

Please see our website: [brit-thoracic.org.uk](https://brit-thoracic.org.uk)

Better lung health **for all**

# WELCOME

Dear Colleagues

I am excited to present to you the full programme of lectures, major symposia, spoken and poster sessions for the 2025 BTS Winter Scientific Meeting, to be held in November at the QEII Centre in London. We had a record number of abstract submissions this year, so thank you to everyone that submitted.

The BTS Winter Scientific Meeting is the highlight of our professional calendar and is a great opportunity to showcase the very best of UK and international respiratory science. As you will see, our hard-working Science and Research Committee has selected an outstanding line up of national and international expert speakers for this year's meeting and the very best of research undertaken throughout the UK and beyond.

The selected symposia aim to cover the breadth of our speciality, highlighting the latest advances in discovery, translational and clinical science, from lung models in the laboratory, all the way to lung models at transplant. There will be outstanding science and education for scientists and all healthcare professionals who are working hard to improve how we care for patients with lung disease.

In this updated version of the programme, we include outline details of our superb spoken, poster and moderated poster sessions. These abstract sessions provide a wonderful platform to share the most up-to-date advances in respiratory science.

Congratulations go to the shortlisted participants in the **2025 BTS/BALR/A+LUK Early Career Investigator of the Year Award** competition (abstracts T1 to T6 in the final programme); the **BTS Medical Student Prize** awardees – **Hai Nguyen** (abstract S166) and **Shruthi Barathan** (abstract S114); and the winners of the **BTS/A+LUK/BALR Mid-Career Lecture Awards** – **Dr Lindsay Broadbent** and **Dr Jennifer Dickens**. You can find full details of all the recipients and their presentation titles in the final programme.

This year, the Science and Research Committee, with the **BTS Board and Editors of Thorax**, have worked to develop joint **BTS Winter Meeting/Thorax publications**. This will be an especially important opportunity to celebrate original research at the BTS Winter Scientific Meeting with publication during the meeting.

Beyond the academic programme, the Winter Scientific Meeting provides an invaluable network hub, bringing together clinicians, scientists and allied health professionals, our friends and colleagues from across the country and overseas. The BTS Winter Scientific Meeting promises high-impact scientific discussions, career development opportunities and collaborations, all to shape the future of respiratory medicine.

I look forward to seeing you there!



A stylized handwritten signature in blue ink.

**Professor Mona Bafadhel**  
**Chair, BTS Science and Research Committee**



## BTS SCIENCE AND RESEARCH COMMITTEE MEMBERS – THE 2025 WINTER MEETING PLANNING COMMITTEE

Professor Mona Bafadhel (Chair)	Dr Imran Howell	Dr Aran Singanayagam
Dr Chloë Bloom	Dr Wadah Ibrahim	Professor Karl Staples
Professor Matthew Callister	Dr Kate Lippiett	Dr Matthew Steward
Professor Louise Fleming	Dr Anthony Martinelli	Dr Karl Sylvester
Dr Cara Flynn	Dr Pujan Patel	Dr Amanda Tatler
Dr Frances Grudzinska	Professor Najib Rahman	Dr Roger Thompson
Dr Stephen Holmes	Dr Hitasha Rupani	

## GENERAL INFORMATION

### CONFERENCE ORGANISATION AND GENERAL ENQUIRIES

The Winter Meeting is organised by the British Thoracic Society. Please direct all general conference enquiries via email to: [bookings@brit-thoracic.org.uk](mailto:bookings@brit-thoracic.org.uk)

### FINAL PROGRAMME

The complete Final Programme, including abstracts, is published as a supplement to *Thorax* and will be available to all participants in advance of the Meeting on the conference App and the **BTS website**.

### THE VENUE

QEII Centre, Broad Sanctuary Westminster, London, SW1P 3EE (opposite Westminster Abbey). For directions, please visit: [qeiicentre.london/about/location](http://qeiicentre.london/about/location)

### BTS/A+LUK/BALR MID-CAREER LECTURE AWARDS

The British Thoracic Society, Asthma and Lung UK and the British Association for Lung Research are delighted to announce the winners of these important awards, which recognise outstanding clinical and translational research and celebrate excellent track records of achievement and impact in respiratory research.

BTS/A+LUK Mid-Career Lecture Award Winner - Dr Jennifer Dickens (Cambridge)

BTS/BALR Mid-Career Lecture Award Winner - Dr Lindsay Broadbent (Surrey)

Both will present their work in the special Mid-Career Lecture session on Thursday 27 November at 2.15pm (please see page 10 for details).

### JOINT BTS WINTER MEETING/THORAX PUBLICATIONS

BTS is working with *Thorax* to plan for the simultaneous publication of selected manuscripts to coincide with abstract presentation at the Winter Meeting. There is no submission fee and submitted abstracts that are selected would be reviewed and processed by *Thorax* in time for presentation/publication at the Winter Meeting. This process will be administered by *Thorax*, which has sole responsibility for oversight and selection of the publication. Successful authors can expect to hear from *Thorax* by early September. Please visit the **BTS website** for further details.

## **BTS CONFERENCE GRANTS**

This year funds have been made available to award grants to those whose abstracts receive the highest score. BTS is grateful to AstraZeneca and GSK for supporting the conference grants for 2025.

## **CPD APPROVAL**

Application pending for CPD approval from the Federation of the Royal Colleges of Physicians of the UK. When approved, we will automatically register all eligible delegates for CPD when they pre-register for the meeting.

## **ATTENDANCE CERTIFICATES**

After the event, attendance certificates will be sent via email to all registered delegates who have attended the Winter Meeting.

## **AWARD PRESENTATIONS**

The presentation of awards will take place in the Churchill Auditorium on the ground floor of the venue, at 4.15pm on Wednesday 26 November. These presentations will include the BTS Medal, BTS President's Award, BTS Award for Meritorious Service, BTS Medical Student Prizes, the BTS/BALR/A+LUK Early Career Investigator of the Year Awards, and the BTS/A+LUK/BALR Mid-Career Lecture Awards.

## **PRESIDENT'S RECEPTION**

The President's Reception will be held on Thursday 27 November from 5.45pm to 7.00pm in the Britten lounge on the 3rd floor of the QEII Centre. All those attending the Winter Meeting are warmly invited to attend this informal social occasion and enjoy light refreshments in convivial surroundings. Although the reception is free to attend, for catering purposes we do need to know the numbers attending, so please indicate this on the registration form.

## **HOTEL ACCOMMODATION**

MICE Concierge is providing a premium service to ensure attendees have a seamless and enjoyable hotel experience. As our trusted partner, they offer exclusive accommodation rates at nearby hotels, and we highly recommend booking through this official channel. Staying in an accredited hotel also allows you to connect with fellow attendees, offering greater opportunities to network and socialise, making the most of your event experience.

To view exclusive rates and secure your booking, visit the dedicated accommodation page:

### **BTS Winter Meeting 2025**

For direct assistance, contact Jo Cooper at MICE Concierge on +44 (0) 1438 908 770 or email [hello@miceconcierge.com](mailto:hello@miceconcierge.com), and their team will be happy to help.

Please note that BTS is unable to assist with any accommodation bookings or queries for delegates.



#BTSSWinter2025

**The British Thoracic Society gratefully acknowledges sponsorship of all companies who purchase an exhibition stand at the Winter Meeting. Sponsorship fees are used directly to support the delivery of the event. No sponsorship fees are used towards prizes or social events. None of the companies have any input into the programme content or the planning of the conference. Furthermore, the Society does not allow any sponsored symposia at this event, within the programme, or associated in any way with it. The full list of sponsors is:**

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(List includes all companies booked prior to 1 August 2025)

# FULL PROGRAMME

## WEDNESDAY 26 NOVEMBER 2025

8.00am – 8.30am **JOURNAL CLUB**

### CRITICAL CARE

Dr Helen Newman (London)

#### Learning objectives

To review the latest publications and evidence in the field of critical care.

8.30am – 10.30am **SYMPOSIUM**

### JOINT BTS/BALR SYMPOSIUM (PART 1) AT THE CUTTING EDGE OF MODELS FOR LUNG DISEASE

Chaired by: Dr Alison John (London) and  
Dr Julie Worrell (Glasgow)

- 8.30am Insights into lung diseases from foetal organoids  
Dr Jennifer Dickens (Cambridge)
- 9.10am Modelling genetic airway diseases using adult stem cell cultures  
Dr Robert Hynds (London)
- 9.50am Precision cut lung slices for investigation of mechanisms and therapeutic targets in lung diseases  
Professor Jane Bourke (Melbourne)

#### Learning objectives

- 1) To highlight the understanding of ILD and how to treat this disease emerging from novel organoid culture systems.
- 2) To demonstrate the use of 3D epithelial cultures to explore the mechanisms that allow the lung to differentiate and repair.
- 3) To give an overview of how precision cut lung slices are being used to investigate disease mechanisms and therapeutic targets.

8.45am – 10.15am **SYMPOSIUM**

### LUNG CANCER SCREENING: UPDATE AND OPTIMISATION

Chaired by: Dr Anna Bibby (Bristol) and  
Professor Matthew Callister (Leeds)

- 8.45am Optimising the screening process – insights from the SUMMIT study  
Professor Sam Janes (London)
- 9.15am Who should (and shouldn't) we invite for screening?  
Professor Gerard Silvestri (Charleston, South Carolina)
- 9.45am Incidental findings: reporting and downstream impact  
Dr Emily Bartlett (London)

#### Learning objectives

- 1) To update on results from the SUMMIT trial of lung cancer screening, including nodule management and other outputs.
- 2) To consider whether we should expand screening to lower risk populations and whether we can optimise selection to ensure it is offered to those who will benefit the most.

- 3) To cover reporting and management of incidental findings in lung cancer screening - what should and shouldn't be reported and how should these be managed.

8.45am – 10.15am **SYMPOSIUM**

### THE UNHAPPY HOST: INFECTION AND IMMUNE-COMPROMISE

Chaired by: Dr David Connell (Dundee) and  
Dr Vanessa Sancho-Shimizu (London)

- 8.45am Clinical immunology: tackling the underlying causes of infection  
Dr Anita Chandra (Cambridge)
- 9.15am Interferon autoantibodies: newly discovered drivers of respiratory viral susceptibility  
Dr Paul Bastard (Paris)
- 9.45am Phage therapy for atypical infections in the immuno-compromised host: hype or hope?  
Dr Ghady Haidar (Pittsburgh)

#### Learning objectives

- 1) Summarise the immunological aspects of respiratory infection susceptibility in immunosuppressed individuals.
- 2) Understanding the prevalence and importance of anti-interferon antibodies as new discovered susceptibility factors for respiratory viral infection.
- 3) Explore the concepts and evidence underpinning the use of phage therapy to treat atypical infection in the immunocompromised host.

8.45am – 10.20am **SPOKEN SESSION: S1-S6**

### EMERGING CLINICAL TRIAL DATA

8.45am – 10.20am **SPOKEN SESSION: S7-S12**

### ADDRESSING INEQUALITIES IN COPD

8.45am – 10.20am **SPOKEN SESSION: S13-S18**

### APPROACHES TO PREDICT SURVIVAL AND INCREASED MORTALITY RISK IN ILD

8.45am – 10.20am **SPOKEN SESSION: S19-S24**

### SLEEP MATTERS

8.45am – 10.20am **SPOKEN SESSION: S25-S30**

### PHYSIOLOGICAL APPROACHES TO DECODING BREATHLESSNESS

9.15am – 10.15am **OPEN SESSION**

**SUPPORTING WOMEN IN RESPIRATORY MEDICINE**

This is an inclusive session - all delegates are welcome. The purpose of this workstream is to support equity of opportunity across the full multi-professional respiratory team. Please see the Winter Meeting App and final programme / Thorax supplement for details.

10.45am – 12.15pm **SYMPOSIUM**

**OPTIMISING SLEEP DISORDERED BREATHING: SMART APPROACHES FOR BETTER OUTCOMES**

Chaired by: Dr Sriram Iyer (Sheffield) and Dr Karl Sylvester (Cambridge)

- 10.45am Hypoxic burden: is it ready for clinical risk prediction? Professor Manuel Sánchez de la Torre (Lleida, Spain)
- 11.15am Could drugs really make CPAP redundant? Professor Jan Hedner (Gothenburg)
- 11.45am Sleep disordered breathing in people with intellectual disability Dr Lizzie Hill (Bristol)

**Learning objectives**

- 1) To explore the role of hypoxic burden in cardiovascular risk prediction in OSA.
- 2) To be briefed on the latest evidence for newly developed drugs in OSA, as a basis for considering the potential for drugs to play a significant role in managing this condition.
- 3) To discuss the challenges and benefits of using CPAP to treat OSA in patients with intellectual disability.

10.45am – 12.15pm **SYMPOSIUM**

**PIECING TOGETHER THE PERSONALISATION PUZZLE – IS PR THE MISSING PIECE?**

Chaired by: Dr Gillian Doe (Leicester) and Professor Nicola Roberts (Edinburgh)

- 10.45am How can we personalise PR? What components are important? Dr Tom Ward (Leicester)
- 11.15am Personalisation of asthma treatment and management: where does the PR come in? Mrs Lizzie Grillo (London)
- 11.45am How can PR contribute to the personalisation of treatment for ILD? Dr Kerri Aronson (New York)

**Learning objectives**

- 1) Will highlight the importance and impact of pulmonary rehabilitation in the management of respiratory conditions and the role of personalisation.
- 2) Illustrate the use of PR as part of personalising asthma treatment and management.
- 3) Illustrate the use of PR as part of personalising ILD treatment and management.

10.45am – 12.15pm **SYMPOSIUM**

**CHRONIC COUGH AS A NEURONAL DISORDER**

Chaired by: Dr Paul Marsden (Manchester) and Ms Katie Rhatigan (London)

- 10.45am Chronic cough and the role of airway nerves Professor Matthew Drake (Oregon)
- 11.15am Triggers of cough and airway nerves: new targets and treatments Dr Sean Parker (Northumbria)
- 11.45am Sensations in cough and the larynx Mrs Jemma Haines MBE (Manchester)

**Learning objectives**

- 1) To describe the role and importance of airway nerves in chronic cough. With focus on genetics and nerves, interaction with airway inflammation, viruses and nerve hypersensitivity.
- 2) To highlight and summarise current research. Translating neural molecular targets into antitussive therapy.
- 3) To highlight and summarise the role of the upper airway, laryngeal anatomy and neural innervation.

10.45am – 12.20pm **SPOKEN SESSION: S31-S36**

**OPTIMISING DIAGNOSTICS IN THORACIC MALIGNANCY**

10.45am – 12.20pm **SPOKEN SESSION: S37-S42**

**BRONCHIECTASIS: CLINICAL TRIALS AND REAL WORLD IMPACT**

10.45am – 12.20pm **SPOKEN SESSION: S43-S48**

**PAEDIATRIC ASTHMA: ARE WE GETTING IT RIGHT?**

10.45am – 12.35pm **SPOKEN SESSION: S49-S55**

**TRACKING THE SCIENCE: SMARTER ASTHMA STRATEGIES**

11.00am – 1.00pm **SYMPOSIUM**

**JOINT BTS/BALR SYMPOSIUM (PART 2) AT THE CUTTING EDGE OF MODELS FOR LUNG DISEASE**

Chaired by: Ms Emily Cash (Nottingham) and Professor Karl Staples (Southampton)

- 11.00am What human lung tissue tells us about lung disease Dr Tillie-Louise Hackett (Vancouver)
- 11.40am The use of ex vivo lung models of fibrosis to evaluate novel treatments Dr Katy Roach (Leicester)
- 2.20pm Using air-liquid interface cultures to understand respiratory viral infections Dr Claire Smith (London)

**Learning objectives**

- 1) To give an overview of how whole human lung tissue has transformed our understanding of the pathobiology of lung disease.

- 2) To highlight the understanding of pulmonary fibrosis and how to treat this disease emerging from ex vivo human lung cultures.
- 3) To demonstrate the use of ALI culture models to explore the mechanisms of respiratory viral infection of the human airway.

1.15pm – 2.00pm **GUEST LECTURE**

**BTS SCIENTIFIC LECTURE  
UNDERSTANDING IMMUNE REGULATION OF THE LUNG  
AND WHAT IT MEANS FOR LUNG HEALTH**

Professor Tracy Hussell (Manchester)

Introduced by: Professor Richard Russell (London)

2.05pm – 4.05pm **MODERATED POSTER  
DISCUSSION: M1-M16**

**IMPACT OF TREATMENT ON COPD OUTCOMES:  
FROM SMOKING TO BIOLOGICS**

2.15pm – 3.45pm **SYMPOSIUM**

**UPDATES AND ADVANCES IN PLEURAL EFFUSIONS**

Chaired by: Dr Beth Sage (Highland and Aberdeen)

2.15pm Epigenomics in pleural effusions  
Dr Rahul Bhatnagar (Bristol)

2.45pm A deep dive into non-specific pleuritis  
Dr Katie Ferguson (Dundee)

3.15pm Do Light's Criteria stand the test of time?  
Dr Samira Shojaee (Nashville)

**Learning objectives**

- 1) Elucidate how basic science approaches may help us better understand the biology of malignant pleural disease and therefore identify new therapeutic targets.
- 2) Provide an early update on ongoing large-scale trials which aim to understand the significance of so-called benign pleural disease, and explain how these studies may help identify time points for further intervention and allow improved prognostication.
- 3) Provide an insight on new developments on the sensitivity, specificity and application of Light's Criteria and its use in modern medicine.

2.15pm – 3.45pm **SYMPOSIUM**

**JOINT BTS/BALR/A+LUK EARLY CAREER INVESTIGATOR  
OF THE YEAR (T1-T6)**

Chaired by: Professor Nick Maskell (Bristol)

Judged by: Professor Mona Bafadhel (London),  
Professor Philip Molyneaux (London) and  
Professor Karl Staples (Southampton)

This symposium will showcase the very best original research submitted to the Winter Meeting by UK scientists and clinicians in the early part of their research career, as they compete for prestigious prizes from the British Thoracic Society, British Association for Lung Research and Asthma and Lung UK.

2.15pm – 4.05pm **POSTER DISCUSSION: P1-P15  
FROM PRIMARY TO SECONDARY CARE: EVOLVING  
MANAGEMENT OF COPD**

2.15pm – 4.05pm **POSTER DISCUSSION: P16-P30  
MONITORING, MANAGING AND TREATING ILD TO IMPROVE  
OUTCOMES**

2.15pm – 4.05pm **POSTER DISCUSSION: P31-P45  
ENHANCING OUTCOMES IN CHRONIC RESPIRATORY  
DISEASE: THE ROLE OF REHABILITATION AND  
PHYSIOTHERAPY**

2.15pm – 4.05pm **POSTER DISCUSSION: P46-P60  
ADVANCES IN SLEEP MEDICINE**

2.15pm - 4.15pm **POSTER DISCUSSION: P61-P76  
HOLISTICALLY IMPROVING ASTHMA CARE**

2.30pm – 4.00pm **SYMPOSIUM**

**JOINT BTS/BPRS SYMPOSIUM  
SUSTAINABLE RESPIRATORY CARE FOR FUTURE GENERATIONS**

Chaired by: Dr Harry Apperley (London) and  
Dr Christopher Grime (Liverpool)

2.30pm Environmentally friendly inhalers – ensuring  
accessibility for all  
Professor Refiloe Masekela (Durban)

3.00pm Climate change and impact on lung health  
Professor Jonathan Grigg (London and Munich)

3.30pm The future of sustainable healthcare:  
a global perspective on lung health  
Dr Laura-Jane Smith (London)

**Learning objectives**

- 1) To understand the current regulations relating to propellants in asthma inhalers and their potential impact on devices for children and those in low- and middle-income countries.
- 2) To understand the impact of climate change, including wildfires, extreme heat and rising CO<sub>2</sub> levels on respiratory disease.
- 3) To advocate for change at the policy and personal level to improve lung health for children and future generations.

4.15pm – 4.45pm

**BTS AWARD PRESENTATIONS**

4.45pm – 5.30pm

**BTS PRESIDENT'S ADDRESS: "BREATH TAKING!"**

Professor Robina Coker (London)

Introduced by: Professor Nick Maskell (Bristol)

5.35pm – 6.05pm

**BRITISH THORACIC SOCIETY ANNUAL GENERAL MEETING  
(BTS members only)**

## THURSDAY 27 NOVEMBER 2025

### 8.00am – 8.30am **JOURNAL CLUB** **TOBACCO DEPENDENCY / SMOKING / VAPING**

Professor Sanjay Agrawal (Leicester)

#### Learning objectives

To review the latest publications and evidence in the field of tobacco dependency, smoking and vaping.

### 8.45am – 10.15am **SYMPOSIUM** **KEY DETERMINANTS OF OUTCOME IN ASTHMA: FROM ONSET TO REMISSION**

Chaired by: Dr Hassan Burhan (Liverpool) and Dr Freda Yang (London)

8.45am Child-onset versus adult-onset asthma  
Professor Johann Christian Virchow (Rostock, Germany)

9.15am Symptom versus biomarker-driven care  
Professor Ian Pavord (Oxford)

9.45am Clinical versus biological remission  
Dr Jane McDowell (Belfast)

#### Learning objectives

- 1) To understand how age of onset of asthma influences treatment responses and what this teaches us about the different mechanisms of child- and adult-onset asthma.
- 2) To review the evidence of T2 biomarkers in chronic asthma management, the potential risks of symptom-based treatment approaches, and how routine use of biomarkers can support steroid stewardship and reduce risk for patients with asthma.
- 3) To review the concepts of clinical and biological remission in asthma, understand the barriers to achieving remission, and explore whether clinical remission in the absence of biological remission is sufficient.

### 8.45am – 10.15am **SYMPOSIUM** **HIGHLIGHTS FROM THORAX/LANCET RESPIRATORY MEDICINE**

This session will be jointly hosted by the editors of *Thorax* and *Lancet Respiratory Medicine*. Selected articles highlighting the diversity of excellent respiratory research published by the journals will be presented by their authors and followed by a discussion with the editors.

### 8.45am – 10.20am **SPOKEN SESSION: S56-S61** **IMPACT OF INFECTION ON DISEASE MECHANISMS**

### 8.45am – 10.20am **SPOKEN SESSION: S62-S67** **BIOLOGY AND CLINICAL INSIGHTS IN CANCER**

### 8.45am – 10.20am **SPOKEN SESSION: S68-S73** **CYSTIC FIBROSIS: IMPACT OF CTFR MODULATORS**

### 8.45am – 10.20am **SPOKEN SESSION: S74-S79** **SLEEP APNOEA AND BEYOND**

### 8.45am – 10.20am **SPOKEN SESSION: S80-S85** **PULMONARY HYPERTENSION AND CTEPH: CLASSIFICATION AND TREATMENT**

### 8.45am – 10.20am **SPOKEN SESSION: S86-S91** **MECHANISMS OF IPF PATHOGENESIS**

### 9.00am – 10.30am **SYMPOSIUM** **RESPIRATORY WORKFORCE OF THE FUTURE**

Chaired by: Dr Kate Lippiett (Southampton) and Christine Mwasuku (London)

9.00am The value of clinical nurse specialists in respiratory medicine  
Professor Nicola Ranger (London)

9.30am Ensuring a robust nursing curriculum for the respiratory nurses of the future  
Professor Barry Hill (Northumbria)

10.00am What's on the respiratory nursing research horizon?  
Dr Lindsay Welch (Bournemouth)

#### Learning objectives

- 1) To explore the scope of practice of respiratory clinical nurse specialists and the definitions of specialist practice.
- 2) To be familiar with the career framework for respiratory nurses and explore the state of respiratory nursing education.
- 3) To explore respiratory research priorities.

### 10.45am – 12.20pm **SPOKEN SESSION: S92-S97** **ENHANCING OUTCOMES IN RESPIRATORY FAILURE: FROM TRIALS TO REAL WORLD PRACTICE**

### 10.45am – 12.30pm **SYMPOSIUM** **PLENARY SCIENTIFIC**

Chaired by: Professor Mona Bafadhel (London) and Professor Christopher Brightling (Leicester)

10.45am Health research in the respiratory workforce  
Professor Nicola Roberts (Edinburgh)

11.10am Cellular effect and mechanisms of exposure  
Professor Matthew Loxham (Southampton)

11.35am The breathless patient, spanning COPD, HF and long COVID-19  
Professor Rachael Evans (Leicester)

12.00pm Identification of novel therapeutic targets in pulmonary hypertension through omics approaches  
Dr Christopher Rhodes (London)

### Learning objectives

- 1) To learn about how to impact the respiratory workforce.
- 2) To learn about cellular mechanisms following exposure to the lung.
- 3) To learn about the breathlessness patient.
- 4) To learn about mechanisms of pulmonary arterial hypertension.

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#### 1.00pm – 1.45pm **GUEST LECTURE** **MORRISTON DAVIES LECTURE** **VACCINE PREVENTABLE RESPIRATORY ILLNESS**

Professor Wei Shen Lim KBE (Nottingham)  
Introduced by: Professor Adam Hill (Edinburgh)

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#### 2.00pm – 3.25pm **POSTER DISCUSSION: P77-P87** **BEST PRACTICE IN PLEURAL PROCEDURES AND PNEUMOTHORAX**

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#### 2.00pm – 3.50pm **POSTER DISCUSSION: P88-P102** **INSIGHTS AND ADVANCES IN ILD CARE**

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#### 2.00pm – 3.50pm **POSTER DISCUSSION: P103-P117** **THE ROAD TO CHANGE IN CHRONIC COUGH**

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#### 2.00pm – 3.50pm **POSTER DISCUSSION: P118-P132** **RESPIRATORY REALITIES: THE PATIENT PERSPECTIVE**

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#### 2.00pm – 3.50pm **POSTER DISCUSSION: P133-P147** **PAEDIATRIC INFECTION, INFLAMMATION AND PHYSIOLOGY**

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#### 2.00pm – 4.00pm **MODERATED POSTER DISCUSSION: M17-M32** **THE MULTI-MORBIDITY OF ASTHMA**

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#### 2.15pm – 3.15pm **SYMPOSIUM** **JOINT BTS/A+LUK/BALR MID-CAREER LECTURES**

Chaired by: Professor Mona Bafadhel (London),  
Professor Philip Molyneaux (London) and  
Professor Karl Staples (Southampton)

4.15pm Unmasking the long-term effects  
of respiratory virus infection  
Dr Jennifer Dickens (Cambridge)

4.45pm Familial ILD: clinical challenges and insight into  
mechanisms of disease in pulmonary fibrosis  
Dr Lindsay Broadbent (Surrey)

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#### 2.15pm – 3.45pm **SYMPOSIUM** **LUNG CANCER STAGING: TNM9 AND RECENT DEVELOPMENTS IN ONCOLOGICAL THERAPY – IMPLICATIONS FOR PRACTICE**

Chaired by: Dr Liz Fuller (Newcastle upon Tyne) and

Dr George Tsaknis (Kettering/Leicester)

2.15pm Precision staging of the mediastinum – essential  
for current oncological management  
Professor Corinne Faivre-Finn (Manchester)

2.45pm Lung cancer staging – TNM9: rationale for changes  
and clinical implications  
Professor Paul van Schil (Antwerp)

3.15pm Implications for the UK – optimal practice  
and data acquisition  
Professor Neal Navani (London)

### Learning objectives

- 1) To consider the importance of systematic mediastinal nodal staging with EBUS in planning oncological therapy (both neo-adjuvant treatment and radiotherapy planning).
- 2) To provide an update on the new lung cancer staging (TNM9), outlining the rationale for changes and potential clinical impacts on the diagnostic pathway for lung cancer patients.
- 3) To discuss implications for UK practice – the practicalities of mediastinal nodal staging, and data implications (BTS EBUS Audit and National Lung Cancer Audit).

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#### 2.15pm – 3.45pm **SYMPOSIUM** **THE STORY OF THREE RARE LUNG DISEASES**

Chaired by: Dr Helen Barr (Nottingham) and  
Professor Daniel Peckham (Leeds)

2.15pm What's next for cystic fibrosis?  
Professor Jane Davies OBE (London)

2.45pm Where are we with primary ciliary dyskinesia?  
Professor Amelia Shoemark (Dundee)

3.15pm What's new in alpha 1 antitrypsin deficiency?  
Professor Alice Turner (Birmingham)

### Learning objectives

- 1) To outline key successes and developments in CF, PCD, A1AT deficiency.
- 2) To outline potential therapies and care developments in CF, PCD, A1AT deficiency.
- 3) To facilitate exchange of ideas and sharing of practice and networks.

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#### 2.15pm – 3.50pm **SPOKEN SESSION: S98-S103** **CO-MORBIDITY AND NOVEL TREATMENTS IN COPD**

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#### 4.15pm – 5.45pm **SYMPOSIUM** **TRANSFORMING RESPIRATORY ACROSS THE CURRENT LANDSCAPE**

Chaired by: Ms Maria Parsonage (Carlisle) and Professor  
Richard Russell (London)

4.15pm Introduction

4.20pm Highlights from the latest BTS workforce document.  
Perspectives from:  
Dr Daniel Smith (Mansfield)  
Professor Anne-Marie Russell (Birmingham)  
Mrs Lizzie Grillo (London)

- 4.40pm A perspective from Wales  
Dr James Calvert (Newport)
- 5.00pm The respiratory transformation partnership  
for England  
Dr Jonathan Fuld (Cambridge)
- 5.20pm Discussion and Q&A

4.15pm – 5.45pm **SYMPOSIUM**  
**PERSPECTIVES IN PULMONARY VASCULAR DISEASE:  
MECHANISMS, MONITORING, AND MANAGEMENT**

- Chaired by: Dr Colin Church (Glasgow) and  
Dr Nina Karia (London)
- 4.15pm Contemporary evidence for the interventional  
management of pulmonary embolism  
Professor Stavros Konstantinides (Mainz)
- 4.45pm Devices for remotely monitoring pulmonary  
hypertension  
Professor Alexander Rothman (Sheffield)
- 5.15pm Latest updates in genetics and management  
of hereditary haemorrhagic telangiectasia and  
pulmonary AVM  
Professor Claire Shovlin (London)

**Learning objectives**

- 1) Evaluate the emerging data on catheter directed therapy and explore the increasing complexity of management of pulmonary embolism.
- 2) Review how implantable devices improve remote monitoring in PH, enabling early detection of clinical worsening.
- 3) Discuss recent advances in the genetic understanding of hereditary haemorrhagic telangiectasia and the management of pulmonary AVMs.

4.15pm – 5.45pm **SYMPOSIUM**  
**JOINT BTS/BPRS SYMPOSIUM**  
**ABNORMALITIES OF LUNG DEVELOPMENT – LOOKING  
TOWARDS A BRIGHTER FUTURE**

- Chaired by: Dr Don Urquhart (Edinburgh) and  
Professor Louise Wain (Leicester)
- 4.15pm Defining the new era of prematurity-associated  
lung diseases  
Professor Sailesh Kotecha (Cardiff)
- 4.45pm Classification and radiological features  
of congenital lung anomalies  
Dr Tom Semple (London)
- 5.15pm Can we fix it? Repairing damaged lungs  
Dr Charlotte Dean (London)

**Learning objectives**

- 1) To understand the range of developmental lung disorders and their radiological appearances.
- 2) To learn about therapeutic approaches to prevent or ameliorate the development of bronchopulmonary dysplasia.
- 3) To review new advances and novel approaches to treatment, including lung regeneration.

4.15pm – 5.45pm **OPEN SESSION – LIFEARC**  
**TRANSLATIONAL RARE LUNG DISEASE RESEARCH**

- Chaired by: Professor Kevin Dhaliwal (Edinburgh) and  
Ms Philippa Thomas (London)
- 4.15pm Introduction, overview and PPIE  
Ms Philippa Thomas (London) and  
Professor Kevin Dhaliwal (Edinburgh)
- 4.30pm Rare disease phenotyping / genotyping in  
adults and children  
Dr Karen Mackenzie (Edinburgh)
- 4.50pm Translational rare disease modelling  
Professor Simon Johnson (Nottingham)
- 5.10pm Application of gene therapy to PCD  
Professor Pleasantine Mill (Edinburgh)
- 5.30pm Studying drug action in the human lung  
Dr Nikhil Hirani (Edinburgh)

**Learning objectives**

- 1) To understand the aims and structure of the LifeArc Translational Rare Respiratory Disease Centre.
- 2) To gain insight into methods of studying genetic lung diseases and how this can be applied to develop new therapies.
- 3) To gain insight into complex human cell culture models and how these can be applied to high throughput drug screening platforms.
- 4) To understand how new genetic therapies can be used to target diseases such as PCD which are resistant to pharmacological therapies.
- 5) To gain insight into cutting edge technologies to study drug action in the human lung.

4.15pm – 5.50pm **SPOKEN SESSION: S104-S109**  
**DEEP DIVE INTO THE ASTHMA AIRWAYS**

4.15pm – 6.05pm **SPOKEN SESSION: S110-S116**  
**OCCUPATIONAL HAZARDS OF EXPOSURE TO PARTICULATES**

4.15pm – 6.05pm **POSTER DISCUSSION: P148-P162**  
**RISK PREDICTORS AND DIAGNOSTICS IN COPD**

4.15pm - 6.05pm **POSTER DISCUSSION: P163-P177**  
**CANCER: FROM SCREENING TO THERAPY**

4.15pm – 6.05pm **POSTER DISCUSSION: P178-P192**  
**RESPIRATORY INFECTIONS: PATHOGENS TO PATIENTS**

5.45pm – 7.00pm  
**THE PRESIDENT'S RECEPTION**

All participants registered to attend on Thursday 27 November are welcome!

## FRIDAY 28 NOVEMBER 2025

8.00am – 8.30am **JOURNAL CLUB**

### RESPIRATORY PHARMACOLOGY

Grainne d'Ancona (London)

#### Learning objectives

To review the latest publications and evidence in respiratory pharmacology.

8.30am – 10.00am **SYMPOSIUM**

### PREDICTING THE FUTURE IN ILD

Chaired by: Dr Giles Dixon (Bath) and  
Dr Brintha Selvarajah (London)

8.30am Can we predict ILD by understanding changes in the lung before disease?  
Dr Alison John (London)

9.00am Can we use ILAs to predict ILD?  
Dr Pilar Rivera-Ortega (Exeter)

9.30am AI is the future in ILD  
Dr Paul Minnis (Antrim)

#### Learning objectives

- 1) To explore recent developments in the understanding of critical pathways and cellular states that result from lung injury and result in development of fibrosis.
- 2) How to manage ILAs from a clinical perspective with better understanding of the prognostic implications.
- 3) To evaluate the current and future roles for the prognostication and management of ILD.

8.30am – 10.00am **SYMPOSIUM**

### BREATHING ROOM: CONFRONTING LUNG DISEASES FROM MODERN WORKPLACES

Chaired by: Dr Clare Burton (Sheffield) and  
Dr Patrick Howlett (London)

8.30am Breaking bad – addressing silicosis in the age of artificial stone  
Dr Ryan Hoy (Melbourne)

9.00am Made to measure? Personalised care for work-related asthma  
Dr Vicky Moore (Coventry)

9.30am At the cutting edge – lessons from SWORD surveillance on evolving workplace risks and lung health  
Professor Martie van Tongeren (Manchester)

#### Learning objectives

- 1) Recognise emerging UK risks to respiratory health associated with working with artificial stone, containing respirable crystalline silica. Gain insights into recent advances in diagnosis and patient management.
- 2) Explore the latest advances in the understanding of asthma phenotypes linked to workplace exposures, highlighting the implications for personalised diagnosis and management.

- 3) Visualise the latest trends in work-related respiratory disease in the UK and understand how the changing nature of work leads to new risks and clinical presentations.

8.30am – 10.05am **SPOKEN SESSION: S117-S122**

### NEW INSIGHTS IN COPD PATHOGENESIS

8.30am – 10.05am **SPOKEN SESSION: S123-S128**

### PATIENT CENTRED RESEARCH IN RESPIRATORY INFECTION: FROM DESIGN TO OUTCOMES

8.30am – 10.20am **SPOKEN SESSION: S129-S135**

### ASTHMA REMISSION AND BEYOND

8.45am – 10.15am **SYMPOSIUM**

### REMOVING BARRIERS TO BETTER TUBERCULOSIS CARE

Chaired by: Dr Toby Capstick (Leeds) and  
Dr Jessica Potter (London)

8.45am TB in inclusion health groups: how can we better serve the underserved?  
Dr Emily Shaw (London)

9.15am Asymptomatic transmission of TB: science turning dogma on its head  
Professor Keertan Dheda (Cape Town)

9.45am Approaches to identifying early TB  
Dr Pranabashis Halder (Leicester)

#### Learning objectives

- 1) Highlight the prevalence of TB among inclusion health groups and the importance of system-wide approaches to address health inequalities in this setting including patient-centred strategies to promote equitable access to diagnosis and treatment.
- 2) Describe new data that changes our understanding of the asymptomatic transmission of TB, and which is particularly relevant to underserved communities' health and consider what implications this has for clinical and public health policy in the UK.
- 3) Understanding novel advances in immunological discrimination of latent and active TB.

8.45am – 10.20am **SPOKEN SESSION: S136-S141**

### PULMONARY REHABILITATION: WHAT WORKS AND WHY

9.00am – 10.00am **OPEN SESSION**

### FROM DATA TO IMPACT: USING NRAP

Please see the Winter Meeting App and final programme / Thorax supplement for details.

10.30am – 11.50am **SPOKEN SESSION: S142-S146**

### TRANSLATIONAL PULMONARY VASCULAR SCIENCE

10.30am – 12.00pm **SYMPOSIUM**  
**APPROACHING RESPIRATORY PHYSIOLOGY WITH  
A DIFFERENT PERSPECTIVE**

- Chaired by: Ms Laura Jess (Edinburgh) and  
Dr Helen Ward (Wolverhampton)
- 10.30am Individualised lung function monitoring  
Dr Sanja Stanojevic (Halifax, Canada)
- 11.00am Using BOLD to shed light on the small airways  
Dr Andre Amaral (London)
- 11.30am Is one enough in lung function testing?  
Mr Joshua Barnes (Cambridge)

**Learning objectives**

- 1) To explore the alternative options to the current method of determining whether an individual's lung function can be considered 'normal or abnormal' and to reflect on other potentially more appropriate methods at monitoring an individual's change in their lung function.
- 2) To demonstrate the utility of assessing small airway function and its association with respiratory symptoms, cardiometabolic disease and quality of life.
- 3) This presentation will allow reflection on whether it is necessary to perform lung function to strict international guidance in every instance if they do not impact clinical management. Whether there is the option to perform fewer manoeuvres without changing the outcomes for the patient.

10.30am – 12.00pm **SYMPOSIUM**  
**EX-VIVO LUNG PERFUSION: LESSONS IN PATHOPHYSIOLOGY  
AND THERAPEUTICS FROM LUNG TRANSPLANTATION**

- Chaired by: Dr Clementine Fraser (Birmingham) and  
Dr Caroline Patterson (Cambridge)
- 10.30am Current status and challenges in the UK  
Dr Caroline Patterson (Cambridge)
- 10.40am Breathing outside the body: the evolution of  
ex-vivo lung perfusion  
Professor Anna Reed (London)
- 11.05am Deciphering mechanisms in acute lung injury:  
lessons from EVLP  
Professor Andrew Fisher (Newcastle upon Tyne)
- 11.30am EVLP as a therapeutic platform for modulating  
lung biology  
Dr Matthew Hartwig (Durham, North Carolina)

**Learning objectives**

- 1) To appreciate the physiology of ex-vivo lung perfusion and evolution of its clinical utility to assess and recondition marginal donor lungs for transplantation.
- 2) To understand how EVLP helps us decipher the pathophysiology of acute lung injury and identify therapeutic targets to improve early outcomes after lung transplantation.
- 3) To recognise the potential for EVLP as a therapeutic platform for advanced therapies to the lung both prior to transplantation and for other indications.

10.30am – 12.05pm **SPOKEN SESSION: S147-S152**  
**PLEURAL DISEASE - BASIC SCIENCE, NEW TRIALS**

10.30am – 12.05pm **SPOKEN SESSION: S153-S158**  
**THE IMPORTANCE OF EARLY DIAGNOSIS IN ILD: NOVEL  
APPROACHES**

10.35am – 12.10pm **SPOKEN SESSION: S159-S164**  
**THINKING OUTSIDE THE (ASTHMA) BIOLOGIC BOX**

10.45am – 12.15pm **SYMPOSIUM**  
**BTS AUDIT AND QUALITY IMPROVEMENT**

- Chaired by: Dr Andrew Molyneux (Mansfield)
- 10.45am Overview of BTS QI and Audit Programme  
Dr Andrew Molyneux (Mansfield)
- 10.50am Findings from the Endobronchial Ultrasound  
(EBUS) Pilot Audit  
Dr Haval Balata (Manchester)
- 11.10am Using BTS ILD Registry data to drive better care  
Dr Nazia Chaudhuri (Ulster) and  
Helen Morris (Manchester)
- 11.30am Maximising data sources to improve respiratory care  
Dr Daniel Smith (Mansfield)
- 11.50am Quality improvement in asthma and COPD  
Professor Alice Turner (Birmingham)
- 12.10pm Conclusion

**Learning objectives**

- 1) To examine the findings from the first BTS EBUS Pilot Audit.
- 2) To learn more about utilising already collected respiratory data to improve care, including using BTS Registry data to improve ILD care.
- 3) To gain insight on recent work in quality improvement for asthma and COPD.

10.45am – 12.20pm **SPOKEN SESSION: S165-S170**  
**THE ROLE OF NEUTROPHILS IN RESPIRATORY DISEASE**

12.30pm – 1.15pm **GUEST LECTURE**  
**BTS GRAND CHALLENGE LECTURE FROM TARGET TO  
TREATMENT: SHAPING DRUGS FOR RESPIRATORY PATIENTS**

- Professor Clive Page OBE (London)
- Introduced by: Professor Mona Bafadhel (London)

1.30pm – 3.00pm **SYMPOSIUM**  
**TRANSFORMING THE COPD LANDSCAPE:  
FROM DIAGNOSIS TO DIGITAL INNOVATION**

- Chaired by: Dr Wadah Ibrahim (Leicester) and  
Dr Joanna Shakespeare (Coventry)
- 1.30pm Can new technologies replace spirometry  
in the diagnosis of COPD?  
Dr Helen Ashdown (Oxford)

- 2.00pm Harnessing precision medicine in the early detection and management of COPD  
Professor Shawn Aaron (Ottawa)
- 2.30pm From self-management to telemonitoring: navigating the future of COPD care  
Professor Hilary Pinnock (Edinburgh)

### Learning objectives

This session aims to provide a forward-looking perspective on integrating novel technologies and precision medicine into the clinical and research landscape of COPD.

By the end of this symposium, attendees will:

- 1) Understand the potential role of emerging technologies in redefining the diagnosis of COPD, including how these innovations could complement or even replace traditional spirometry in clinical practice.
- 2) Explore the applications of precision medicine in the early detection and personalised management of COPD, with a focus on tailoring interventions to individual patients to improve outcomes.
- 3) Gain insight into the latest advancements in remote digital health technologies and their ability to enhance the care and monitoring of patients with COPD, including their impact on accessibility, adherence, and long-term disease management.

### 1.30pm – 3.00pm **SYMPOSIUM** **"THE USUAL SUSPECTS": BAD BUGS AND WHAT IS BEING DONE ABOUT THEM**

Chaired by: Dr Felicity Perrin (London) and Professor Amelia Shoemark (Dundee)

- 1.30pm Novel diagnostics for infection (here and now versus the future)  
Professor Michael Tunney (Belfast)
- 2.00pm Pseudomonas as a target in bronchiectasis: novel trial data  
Dr Merete Long (Dundee)
- 2.30pm Novel data on multi-resistant NTM management  
Professor Andres Floto (Cambridge)

### Learning objectives

- 1) Understand where novel techniques may fit into new drug development and clinical care.
- 2) Understand complexity of infection in bronchiectasis.
- 3) NTM disease and how to manage it better.

### 1.30pm – 3.00pm **SYMPOSIUM** **INSPIRING COLLABORATIVE RESEARCH IN RESPIRATORY MEDICINE**

Chaired by: Professor Anthony de Soyza (Newcastle upon Tyne) and Dr Abigail MacKintosh (West Midlands)

- 1.30pm The power of trainee collaborative research  
Dr Pip Nicolson (Birmingham)

- 2.00pm INSPIRE Research to date:  
- DIVA-PCP  
Dr Mia Cokljat (Oxford) and  
Dr Catharine Pearce (Torbay)  
- INDEX  
Dr Giles Dixon (Bath)  
- LISP  
Dr Eleanor Barton (Bristol) and  
Dr Steven Walker (Bristol)

- 2.30pm The future of collaborative research in respiratory medicine  
Dr Akhilesh Jha (Cambridge)

### Learning objectives

- 1) Facilitate research experience to contribute to Generic CiP 5 – Carrying out research and managing data appropriately.
- 2) Highlight the important studies undertaken by research collaboratives in other specialties to drive progress in respiratory medicine including research funding.
- 3) Stimulate discussion of future research projects to be undertaken by local or national collaboratives.

### 1.30pm – 3.20pm **POSTER DISCUSSION: P193-P207** **THE LOGIC OF BIOLOGICS**

### 1.30pm – 3.20pm **POSTER DISCUSSION: P208-P222** **THE INTERVENTIONALIST'S TOOLKIT: BRONCHOSCOPY TO THORACOSCOPY**

### 1.30pm – 3.20pm **POSTER DISCUSSION: P223-P237** **VENTILATORY SUPPORT IN FOCUS**

### 1.30pm – 3.20pm **POSTER DISCUSSION: P238-P252** **NEW INSIGHTS FROM THE FUNDAMENTAL SCIENCES**

### 1.30pm – 3.30pm **POSTER DISCUSSION: P253-P268** **UPDATES IN LUNG DISEASE DIAGNOSTICS (AND PFTS)**

### 3.15pm – 4.45pm **SYMPOSIUM** **A LOT OF YAP ABOUT CAP, HAP AND VAP**

Chaired by: Professor Neil French (Liverpool) and Dr Catherine Hyams (Bristol)

- 3.15pm From the lung microenvironment to novel targets in pneumonia  
Professor Charlotte Summers (Cambridge)
- 3.45pm Diagnostics: the new HAP-FAST approach  
Dr Daniel Wootton (Liverpool)
- 4.15pm INHALE: rapid molecular methods in VAP  
Dr Virve Enne (London)

### Learning objectives

- 1) Understanding more about the cellular mechanisms of acute pulmonary inflammation to help identify novel targets for therapeutic intervention.
- 2) From accurate, feasible and cost-effective diagnosis of pneumonia to also ensuring engagement with wider professional networks such as policy makers when scoping out research plans.
- 3) Exploring the value of rapid molecular testing and implications on care, antimicrobial stewardship and exploring healthcare worker perceptions when engaging in these newer methods and approaches.

### BTS SPECIALIST ADVISORY GROUPS (SAGs)

Open meetings of the BTS SAGs will take place during the Winter Meeting, and are open to all those registered to attend the Winter Meeting. Dates and times will be available on the BTS website and will be published in the final programme.

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#### 3.15pm – 4.45pm **SYMPOSIUM** **BRONCHIECTASIS – RECENT ADVANCES AND CLINICAL TRIALS**

Chaired by: Dr Freddy Frost (Liverpool) and  
Ms Pamela Vaughn (Glasgow)

- 3.15pm Disease progression, lung function and novel imaging in bronchiectasis  
Professor Harm Tiddens (Rotterdam)
- 3.45pm Physio, mucus: CLEARing the way?  
Professor Judy Bradley (Belfast)
- 4.15pm Novel data and novel targets: cutting edge trials for bronchiectasis  
Professor James Chalmers (Dundee)

### Learning objectives

- 1) Understand where novel imaging techniques may fit into new drug development and clinical care.
- 2) Better understanding of physiotherapy and managing airway clearance emerging in bronchiectasis.
- 3) Better understanding of new therapies emerging in bronchiectasis.

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#### 3.15pm – 4.50pm **SPOKEN SESSION: S171-S176** **HOW THE EOSINOPHIL AND T2 BIOMARKERS GUIDE DECISIONS IN COPD**

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#### 3.15pm – 5.15pm **MODERATED POSTER DISCUSSION: M33-M48**

#### **TB: FROM BENCH TO BEDSIDE**

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#### 3.30pm – 4.45pm **POSTER DISCUSSION: P269-P278** **REAL WORLD CARE OF PLEURAL FLUID AND INFECTION**

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#### 3.30pm – 4.45pm **POSTER DISCUSSION: P279-P288** **ADVANCES IN PULMONARY VASCULAR MEDICINE**

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#### 3.30pm – 5.20pm **POSTER DISCUSSION: P289-P303** **MORE THAN JUST INHALERS IN ASTHMA**

## **FUTURE BTS MEETINGS**

### **Summer Meeting 2026**

9 and 10 July, Manchester

### **Winter Meeting 2026**

25 to 27 November, London



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#### **British Thoracic Society**

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