



WINTER MEETING 2025



**British
Thoracic
Society**

Symposia Programme and Conference Information

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

Abstract submission deadline: 23:59 on 26 June 2025
Early bird discount deadline: 14:00 on 1 October 2025

Please see our website: brit-thoracic.org.uk

Better lung health **for all**

WELCOME

Dear Colleagues

I am excited to present to you the preliminary programme of lectures and major symposia for the 2025 BTS Winter Scientific Meeting, to be held in November at the QEII Centre in London.

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.

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.

The next programme update will be at the end of August, when all selected abstracts for the spoken and discussed poster sessions are programmed. The abstract sessions provide a wonderful platform to share the most up-to-date advances in respiratory science.

For those who are eligible, please consider submitting your abstracts for the **BTS/BALR/A+LUK Early Career Investigator of the Year Awards** session, celebrating outstanding researchers and a major highlight of the meeting. Medical Students are also encouraged to submit their abstracts and a simple tick in the relevant box on the submission system will have your abstract entered into the **BTS Medical Student Awards**. These prizes are in recognition of innovative contributions from our future professionals.

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. I would thus encourage you and your team to submit your very best work for abstract selection! You can opt in for your abstract to be considered using a simple tick in the relevant box on the submission system.

Submission of abstracts is open from April and the deadline for general abstracts, Medical Student and Early Career Investigator Awards is **23:59 on Thursday 26 June 2025**.

Once again, we will be offering the **BTS/A+LUK/BALR Lecture Awards**, with an opportunity to present a lecture at the Winter Scientific Meeting. I would strongly recommend, if you are a mid-career researcher, that you apply for these prestigious awards. It is an opportunity to celebrate your exceptional research achievements! The deadline for submission is **23:59 on Thursday 22 May 2025**.

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!

Yours truly



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

FULL PROGRAMME

The full programme, including all Spoken Sessions and Poster Discussions, will be available on the BTS website from early September, once abstracts have been refereed.

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 and on the [BTS website](#).

THE VENUE

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

SUBMISSION OF ABSTRACTS

The final date for submission of general abstracts for the 2025 Winter Scientific Meeting is **23:59 on Thursday 26 June 2025**, but you are encouraged to submit abstracts as early as possible before that date. The easy-to-use online submission system is available on the [BTS website](#). You will need to register first to use the system and then follow the instructions to submit your abstract online in a convenient and quick operation.

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 MEDICAL STUDENT AWARDS

These prestigious prizes are highly competitive and are awarded to the very best discovery, translational or clinical research performed in the UK respiratory community by medical students. The prizes are awarded based on the quality and content of the research performed, and the quality of the abstract submitted. We encourage all medical students to enter this competition. Two prizes are available and a number of medical students not selected for the prizes will receive a grant to attend the Meeting on the day of their presentation.

Please visit the **BTS website** for further details and make your submission via the online abstract system.

Closing date: 23:59 on Thursday 26 June 2025.

BTS/BALR/A+LUK EARLY CAREER INVESTIGATOR OF THE YEAR AWARDS

BTS, BALR and A+LUK jointly offer awards to help the careers of the most promising early career investigators carrying out original research in respiratory medicine and respiratory science during the past year. To qualify for consideration, you must be a UK based clinical or non-clinical researcher, usually under the age of 35* (but not consultant or senior lecturer grade), and the first named author of the abstract being submitted to the Winter Meeting.

Six abstracts will be shortlisted for presentation at a dedicated symposium on Wednesday 26 November. Three first prizes of £800 and three highly commended prizes of £200 will be awarded.

**Applicants will normally be under 35 years of age, although there will be some researchers who have taken career breaks and the Society encourages them to apply also.*

Please visit the **BTS website** for further details and submit via the abstract system.

Closing date: 23:59 on Thursday 26 June 2025.

BTS/A+LUK/BALR LECTURE AWARDS

BTS, A+LUK and BALR are pleased to continue with these important awards, which recognise the achievements of established respiratory researchers. Two awards will be presented in 2025, and the winners will be invited to give a prestigious lecture as part of a dedicated symposium at the 2025 Winter Scientific Meeting on Thursday 27 November.

The BTS/A+LUK Award is open to anyone conducting respiratory research in the UK (including all professions, clinical and non-clinical), with the expectation that the applicant should be a BTS member. It is anticipated that the winning applicant will be working within clinical and translational respiratory research.

The BTS/BALR award is open to all professions and is focused on translational/discovery science, with the expectation that the applicant will be a member of BTS or BALR at the time of application.

It is anticipated that applicants will have an excellent track record in an area of respiratory research, with evidence of research impact and achievement including high impact publications, and have plans and potential for future outstanding contributions to respiratory science.

The awards are primarily aimed at mid-career researchers and it is therefore expected that applicants will be 50 years old or below at the time of application, but noting that career breaks and other factors may influence career stage, applications from all applicants will be considered.

Please visit the **BTS website** for further details and to submit your application.

Closing date: 23:59 on Thursday 22 May 2025.

BTS CONFERENCE GRANTS

This year funds have been made available to award grants to those whose abstracts receive the highest score. (This grant is not available to medical students – medical students should opt in for the Medical Student Awards.) BTS is grateful to AstraZeneca and GSK for supporting the conference grants for 2025. Please visit the **BTS website** for criteria.

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 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, and their team will be happy to help.

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



#BTSWinter2025

The British Thoracic Society gratefully acknowledges sponsorship from the under listed companies, through the purchase of exhibition space at the Winter Scientific Meeting 2025. None of them have had 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.

APR Medtech	Fisher & Paykel Healthcare	Roche
Aquillant Endoscopy Ltd (Healthcare 21)	GSK	Rocket Medical PLC
AstraZeneca	Insmed	Sanofi
BD	Inspire Medical Systems	STADA Group, Thornton & Ross Ltd
Celltrion Healthcare UK Ltd	It's Interventional	Stirling Anglian Pharmaceuticals
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Creo Medical	Olympus Medical	Vitalograph Ltd
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(List includes all companies booked prior to 28 April 2025)

PROGRAMME OF MAJOR SYMPOSIA, GUEST LECTURES & JOURNAL CLUBS

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.

10.30am – 12.00pm **SYMPOSIUM**

OPTIMISING SLEEP DISORDERED BREATHING: SMART APPROACHES FOR BETTER OUTCOMES

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

10.30am Hypoxic burden: is it ready for clinical risk prediction?
Professor Manuel Sánchez de la Torre (Lleida, Spain)

11.00am Could drugs really make CPAP redundant?
Professor Jan Hedner (Gothenburg)

11.30am 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.

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)

12.20pm 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: Dr Richard Russell (London)

2.15pm – 3.45pm **SYMPOSIUM**

UPDATES AND ADVANCES IN PLEURAL EFFUSIONS

- Chaired by: Dr Avinash Aujayeb (Northumbria) and 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) *To be confirmed*

2.15pm – 3.45pm **SYMPOSIUM**

JOINT BTS/BALR/A+LUK EARLY CAREER INVESTIGATOR OF THE YEAR AWARDS

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

To be selected from submitted abstracts.

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 CO₂ 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

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.

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
Dr Barry Hill (Uxbridge)
- 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 – 12.30pm **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 Molecular pathogenesis of pulmonary arterial hypertension
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.

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

Professor Wei Shen Lim KBE (Nottingham)

Introduced by: Dr Neil McAndrew (Wrexham)

2.15pm – 3.15pm **SYMPOSIUM**

JOINT BTS/A+LUK/BALR LECTURES

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

To be selected from submitted abstracts.

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).

2.15pm – 3.45pm **SYMPOSIUM**

THE STORY OF THREE RARE LUNG DISEASES

Chaired by: Professor 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.

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) *To be confirmed*
- 2) Explore 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 implications for trial design and management.

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 Makenzie (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.

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 Ortega-Rivera (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.

8.45am – 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 Haldar (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.

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.

10.45am – 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.

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 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.

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 Wooton (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.

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.

FUTURE BTS MEETINGS

Summer Meeting 2026

9 and 10 July, Manchester

Winter Meeting 2026

25 to 27 November, London



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