6th Forum on Respiratory Tract Infections

Glasgow
5 - 7 February 2024

Advanced Programme 1.5
Updated until 09/01/2024

RTI-FORUM.ORG
Dear Colleagues & Friends,

It’s a great pleasure – as the conference chair – to welcome you the 6th Forum on Respiratory Tract Infections Forum which takes place from 5th – 7th February 2024 in the wonderful city of Glasgow.

The COVID-19 pandemic and the past several years of scientific progress have clearly placed respiratory tract infections at the centre of public health, clinical practice and scientific debate. The diversity and importance of respiratory tract infections and the multidisciplinary nature of their treatment necessitates close collaboration between specialities and different professionals. It is therefore the perfect moment for an internal clinical and translational research meeting focused on respiratory tract infections.

Covering topics including pneumonia, COVID-19, respiratory viruses, chronic lung infections, mycobacterial and fungal diseases the Respiratory Tract Infections Forum promises to be an exciting and stimulating environment for learning and the development of new collaborations.

We have truly seen breakthroughs in treatment and vaccinology in recent years that will change our way forward for respiratory tract infections, promising a potential “golden age” of respiratory research, particularly in infections.

We invite you to enjoy the congress and actively contribute to the Golden age of Respiratory Research.

Yours Sincerely,
James D. Chalmers
Organising & Scientific Committee

President:

James D. Chalmers (Dundee)

Members:

Debby Bogaert (Edinburgh)
Andrea Collins (Liverpool)
Anthony De Soyza (Newcastle)
Michael Loebinger (London)

Topics

Bronchiectasis
CAP - Community Acquired Pneumonia
Covid-19
Exacerbation
Influenza
Lung Microbiome
NTM - Non-Tuberculosis Mycobacterial

Pleural infection
Pneumonia
RSV - Respiratory Syncytial Virus
Bacterial Infection
Viral Infection
Tuberculosis
Vaccines
Forum Venue

Glasgow Science Centre

Address: 50 Pacific Quay, Glasgow G51 1EA, UK

Audience

The Conference Programme has been designed to fulfil the educational and development needs of UK based professionals operating in the following areas of specialisation:

- Emergency Medicine
- Internal Medicine
- Radiology
- Physiotherapy
- General Practice
- Microbiology and Biology
- Respiratory Medicine
- Infectious Diseases & Virology
- Paediatrics
- Specialised Nursing

CPD Approval

The 6th Forum on Respiratory Tract Infections has been approved by the Federation of the Royal Colleges of Physicians of the United Kingdom for 15 category 1 (external) CPD credit(s) with the CPD code: 146731.
Website

rti-forum.org

Social Media

LET'S CONNECT ON SOCIAL MEDIA

interact with us

#RTI2024

Organising Secretariat

ORGANISING SECRETARIAT
Lena Events and Communication
Tobacco Quay, Wapping Lane, London, E1W 2SF, United Kingdom
Phone: +44 (0)207 177 0777
E-mail: info@rti-forum.org
Faculty

Aqeem Azam (Manchester)  Catherine Hyams (Bristol)
Mona Bafadhel (Oxford)  Felicity Liew (London)
Eihab Bedawi (Sheffield)  Michael Loebinger (London)
Justyna Binkowska (Edinburgh)  Merete Long (Dundee)
Francesco Blasi (Milan)  Lewis Marshall (Dundee)
Debby Bogaert (Edinburgh)  Philip Molyneaux (London)
Marc Bonten (Utrecht)  Tommaso Morelli (Southampton)
Jeremy Brown (London)  Peter Openshaw (London)
James D. Chalmers (Dundee)  Clark D. Russell (Edinburgh)
Christopher Chiu (London)  Manu Shankar Hari (Edinburgh)
Sanjay Chotirmall (Singapore)  C. Mirella Spalluto (Southampton)
Andrea Collins (Liverpool)  Charlotte Summers (Cambridge)
David Connell (Dundee)  Elen Vink (Glasgow)
Olivia Cox (Southampton)  Stefan Unger (Edinburgh)
Anthony De Soyza (Newcastle)  Adilia Warris (Exeter)
Alison Dicker (Dundee)  Tom Wilkinson (Southampton)
Robert Gray (Glasgow)  Tom Wingfield (Liverpool)
Chloe Hughes (Dundee)  Julie Worrell (Glasgow)
Rebecca Hull (Dundee)
SCIENTIFIC PROGRAMME

Monday, 5th February 2024

14.00 – 14.45 OPENING LECTURE
Chair: James D. Chalmers (Dundee)

14.00 – 14.30 REMAP-CAP and the future of pneumonia treatment
Marc Bonten (Utrecht)

14.30 – 14.45 Questions

14.45 – 15.30 KEYNOTE LECTURE 1
Chair: Anthony De Soyza (Newcastle)

14.45 – 15.15 RSV prevention at last- but what effect will it have?
Peter Openshaw (London)

15.15 – 15.30 Questions

15.30 – 16:00 COFFEE BREAK AND STROLLING POSTER SESSION (see details page xx)

16.00 – 17.45 SESSION 1 – COVID CONUNDRUMS
Chairs: Anthony De Soyza (Newcastle), Debby Bogaert (Edinburgh)

16.00 – 16.20 Critical Care and COVID-19- time for precision medicine
Manu Shankar Hari (Edinburgh)

16.20 – 16.40 Discovery science in a pandemic
Tom Wilkinson (Southampton)

16.40 – 17.00 Post-COVID complications and therapies
Charlotte Summers (Cambridge)

17.00 – 17.20 Long COVID
Felicity Liew (London)

17.20 – 17.45 Discussion

17.45 – 18.00 END OF DAY REMARKS
Chairs: Michael Loebinger (London), Merete Long (Dundee)

18.00 – 19.00 NETWORKING COCKTAIL
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Chair(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>09.00 – 10.15</td>
<td><strong>SESSION 2 – THE MICROBIOME ACROSS THE LIFECOURSE</strong></td>
<td><strong>Chairs: Alison Dicker (Dundee), Michael Loebinger (London)</strong></td>
</tr>
<tr>
<td>09.00 – 09.20</td>
<td>Early life respiratory infections and later life disease</td>
<td>Debby Bogaert (Edinburgh)</td>
</tr>
<tr>
<td>09.20 – 09.40</td>
<td>Microbiome-Microbiome interactions in health and disease</td>
<td>Sanjay Chotirmall (Singapore)</td>
</tr>
<tr>
<td>09.40 – 10.10</td>
<td>Microbial impacts in chronic disease; the example of IPF</td>
<td>Philip Molyneaux (London)</td>
</tr>
<tr>
<td>10.00 – 10.15</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>10.15 – 11.00</td>
<td><strong>LECTURE 2</strong></td>
<td><strong>Chair: Jeremy Brown (London)</strong></td>
</tr>
<tr>
<td>10.15 – 10.45</td>
<td>The post-COVID microbiology of community acquired pneumonia</td>
<td>Catherine Hyams (Bristol)</td>
</tr>
<tr>
<td>10.45 – 11.00</td>
<td>Questions</td>
<td></td>
</tr>
<tr>
<td>11.00 – 11.30</td>
<td><strong>COFFEE BREAK AND STROLLING POSTER SESSION</strong></td>
<td>(see details page xx)</td>
</tr>
<tr>
<td>11.30 – 12.00</td>
<td><strong>LECTURE 3</strong></td>
<td><strong>Chair: Anthony De Soyza (Newcastle)</strong></td>
</tr>
<tr>
<td>11.30 – 11.50</td>
<td>Addressing the social determinants and consequences of tuberculosis: an evidence update</td>
<td>Tom Wingfield (Liverpool)</td>
</tr>
<tr>
<td>11.50 – 12.00</td>
<td>Questions</td>
<td></td>
</tr>
</tbody>
</table>
**Tuesday, 6th February 2024**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.00 – 13.00</td>
<td><strong>SESSION 3 – NOVEL CHALLENGES</strong>&lt;br&gt;Chairs: Debby Bogaert (Edinburgh), Amelia Shoemark (Dundee)</td>
</tr>
<tr>
<td>12.00 – 12.25</td>
<td>Human challenge models to understand bacterial and viral infections&lt;br&gt;<em>Christopher Chiu (London)</em></td>
</tr>
<tr>
<td>12.25 – 12.50</td>
<td>Paediatric bronchiectasis&lt;br&gt;<em>Stefan Unger (Edinburgh)</em></td>
</tr>
<tr>
<td>12.50 – 13.00</td>
<td>Discussion</td>
</tr>
<tr>
<td>13.00 – 14.00</td>
<td><strong>LUNCH</strong></td>
</tr>
<tr>
<td>14.00 – 14.30</td>
<td><strong>LECTURE 4</strong>&lt;br&gt;Chair: David Connell (Dundee)</td>
</tr>
<tr>
<td>14.00 – 14.20</td>
<td>Fungal Respiratory Infections&lt;br&gt;<em>Adilia Warris (Exeter)</em></td>
</tr>
<tr>
<td>14.20 – 14.30</td>
<td>Questions</td>
</tr>
<tr>
<td>14.30 – 15.00</td>
<td><strong>LECTURE 5</strong>&lt;br&gt;Chair: Anthony De Soyza (Newcastle)</td>
</tr>
<tr>
<td>14.30 – 14.50</td>
<td>How vaccines are assessed for use in UK&lt;br&gt;<em>Jeremy Brown (London)</em></td>
</tr>
<tr>
<td>14.50 – 15.00</td>
<td>Questions</td>
</tr>
<tr>
<td>Time</td>
<td>Session</td>
</tr>
<tr>
<td>--------------</td>
<td>----------------------------------------------</td>
</tr>
<tr>
<td>15.00 – 16.00</td>
<td>SESSION 4 - CASE PRESENTATIONS: DIFFICULT INFECTION WORKSHOP</td>
</tr>
<tr>
<td>15.00 – 15.25</td>
<td>Case 1: NTM or Bronchiectasis</td>
</tr>
<tr>
<td>15.25 – 15.50</td>
<td>Case 2: A complex cystic fibrosis case</td>
</tr>
<tr>
<td>15.50 – 16.00</td>
<td>Discussion</td>
</tr>
<tr>
<td>16.00 – 16.30</td>
<td>LECTURE 6</td>
</tr>
<tr>
<td>16.00 – 16.20</td>
<td>Respiratory infections in Chronic Obstructive Pulmonary Disease and Asthma</td>
</tr>
<tr>
<td>16.20 – 16.30</td>
<td>Questions</td>
</tr>
<tr>
<td>16.30 – 17.00</td>
<td>LECTURE 7</td>
</tr>
<tr>
<td>16.30 – 16.50</td>
<td>Non-tuberculous Mycobacterial infections</td>
</tr>
<tr>
<td>16.50 – 17.00</td>
<td>Questions</td>
</tr>
</tbody>
</table>
Tuesday, 6th February 2024

17.00 – 17.40 RISING STARS SESSION: SELECTED TALKS FROM ABSTRACTS WITH Q&A

Chairs: Peter Openshaw (London), Mona Bafadhel (Oxford)

17.00 – 17.15 Investigating the influence of Pseudomonas aeruginosa growth, biofilm formation and genetic variation on persistence in bronchiectasis infections
Rebecca Hull (Dundee)

17.15 – 17.20 Questions

17.20 – 17.35 Investigating adaptive pathogen variants identifies macrophage targets for host-directed therapies
Clark D. Russell (Edinburgh)

17.35 – 17.40 Questions

17.40 – 18.10 ORAL PRESENTATIONS SESSION – PART 1

Chairs: James D. Chalmers (Dundee), Debby Bogaert (Edinburgh)

Each abstract is presented during 7-minutes followed by 3-minutes Q&A

17.40 – 17.50 Recognising the clinical impact of the diverse range of respiratory viral pathogens in hospitalised adults
Tommaso Morelli (Southampton)

17.50 – 18.00 Right place, right time: consequences of preterm birth for the early-life airway microbiota and respiratory health
Justyna Binkowska (Edinburgh)

18.00 – 18.10 Circulation of respiratory viruses during the COVID-19 pandemic in urban and rural Malawi
Elen Vink (Glasgow)
Wednesday, 7th February 2024

09.00 – 09.30  LECTURE 8
Chair: Andrea Collins (Liverpool)

09.00 – 09.20  Pleural infection in the 21st Century
Eihab Bedawi (Sheffield)

09.20 – 09.30  Questions

09.30 – 10.20  ORAL PRESENTATIONS SESSION – PART 2
Chairs: Merete Long (Dundee), Catherine Hyams (Bristol)

Each abstract is presented during 7-minutes followed by 3-minutes Q&A

09.30 – 09.40  The effect of age and multimorbidity on symptom severity in adults hospitalised with respiratory viral infections
Olivia Cox (Southampton)

09.40 – 09.50  Long read 16S rRNA sequencing identifies a link between sputum microbiome dysbiosis and disease severity in Chronic Obstructive Pulmonary Disease
Alison Dicker (Dundee)

09.50 – 10.00  Altered peripheral blood transcriptomes in bronchiectasis patients with co-morbid cardiovascular disease: data from the EMBARC-BRIDGE study
Chloe Hughes (Dundee)

10.00 – 10.10  Investigating the effects of AXL inhibition during respiratory viral infections
C. Mirella Spalluto (Southampton)

10.10 – 10.20  Lung stromal cells display innate immune memory that facilitates enhanced viral control following re challenge with influenza virus
Julie Worrell (Glasgow)
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.30 – 11.00</td>
<td>COFFEE BREAK AND STROLLING POSTER SESSION</td>
</tr>
<tr>
<td>11.00 – 12.00</td>
<td>SESSION 5 – BRONCHIECTASIS AND CHRONIC INFECTION</td>
</tr>
<tr>
<td></td>
<td>Chairs: Andrea Collins (Liverpool), TBA</td>
</tr>
<tr>
<td>11.00 – 11.25</td>
<td>Treatment of chronic infection in patients with bronchiectasis</td>
</tr>
<tr>
<td></td>
<td>Anthony De Soyza (Newcastle)</td>
</tr>
<tr>
<td>11.25 – 11.50</td>
<td>Respiratory infections in CF in the modulator Era</td>
</tr>
<tr>
<td></td>
<td>Robert Gray (Glasgow)</td>
</tr>
<tr>
<td>11.50 – 12.00</td>
<td>Discussion</td>
</tr>
<tr>
<td>12.00 – 12.30</td>
<td>LECTURE 9</td>
</tr>
<tr>
<td></td>
<td>Chair: Michael Loebinger (London)</td>
</tr>
<tr>
<td>12.00 – 12.20</td>
<td>Experimental Pneumococcal Challenge Models</td>
</tr>
<tr>
<td></td>
<td>Andrea Collins (Liverpool)</td>
</tr>
<tr>
<td>12.20 – 12.30</td>
<td>Questions</td>
</tr>
<tr>
<td>12.30 – 13.00</td>
<td>KEYNOTE LECTURE 2</td>
</tr>
<tr>
<td></td>
<td>Chair: James D. Chalmers (Dundee)</td>
</tr>
<tr>
<td>12.30 – 12.50</td>
<td>Respiratory Infections: Research and Collaboration</td>
</tr>
<tr>
<td></td>
<td>Francesco Blasi (Milan)</td>
</tr>
<tr>
<td>12.50 – 13.00</td>
<td>Questions</td>
</tr>
<tr>
<td>13.00</td>
<td>CLOSING REMARKS, POSTER AWARD AND TAKE-HOME MESSAGES</td>
</tr>
<tr>
<td></td>
<td>Chairs: James D. Chalmers (Dundee), Debby Bogaert (Edinburgh),</td>
</tr>
<tr>
<td></td>
<td>Andrea Collins (Liverpool), Anthony De Soyza (Newcastle), Michael</td>
</tr>
<tr>
<td></td>
<td>Loebinger (London)</td>
</tr>
</tbody>
</table>
General information - Registration

<table>
<thead>
<tr>
<th>Registration Fee</th>
<th>REGULAR FEE From 5th December 2023 to 2nd February 2024</th>
<th>ON-SITE FEE From 2nd February 2024 and on-site</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical Doctors, Researchers, Healthcare Professionals</td>
<td>£420,00</td>
<td>£480,00</td>
</tr>
<tr>
<td>Trainees, Students, Specialised Nurses, Physiotherapists*</td>
<td>£300,00</td>
<td>£360,00</td>
</tr>
<tr>
<td>Industry representative**</td>
<td>£1080,00</td>
<td>£1080,00</td>
</tr>
<tr>
<td>Press (Applies to members of the press and media)</td>
<td>(You must email qualifying credentials to apply for press registration)</td>
<td></td>
</tr>
</tbody>
</table>

A handling fee of £18,00 will be added to each registration for administrative costs, and bank / credit card fees. Rates are VAT exempt. Rates are inclusive of VAT calculated at 20% for bank transfers.

**ON SITE PAYMENTS**: major credit cards, payment can only be accepted on-site where on-site fee will be applicable.

* Applies to nurses, nurse practitioners, clinical nurse specialists, occupational therapists, physiotherapists and to those born after January 1, 1994, residents/fellows, those still in training and students. Please provide a copy of official document indicating age or a letter from your employer stating training status to be eligible for this discount. Without documentation, delegate will be charged the standard rate.

**Applies to staff and/or associated representatives of any for-profit organisation (excluding any of the above roles).

The registration fee includes:

- Attendance to the Main Scientific Session
- Congress kit
- Welcome Cocktail
- Lunch and Refreshments as detailed in the scientific programme
- Entrance to the Poster Area & Exhibition

Cancellation and Refunds

- Cancellation or modification of registration must be sent in writing to the Organising Secretariat at info@rti-forum.org.
- Before 5 December 2023 all fees will be refunded minus £48,00 for administrative charges. **All refunds will be settled after the meeting has concluded.**
- From 5 December 2023: no refunds will be made.
- Name changes will incur a £48,00 charge to cover administrative costs.
- From 5 December 2023, your reservation for registration will be considered as final and no cancellation will be accepted. The total amount will be considered as fully due, and any amount paid shall be non-reimbursable. We strongly recommend subscribing a personal travel insurance.