

# 4<sup>th</sup> World Bronchiectasis & NTM Conference



EMBARC

The European Bronchiectasis Registry

**ADVANCE  
PROGRAMME**

Vers. 1.6 of 03/11/2020

**Virtual Edition**

16-19 December  
2020

Organising Secretariat



Publi Créations

## INTRODUCTION

Dear Colleagues and Friends,

It is our great pleasure to invite you to participate, and more importantly to contribute to the **4<sup>th</sup> World Bronchiectasis & NTM Conference**.

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Following a successful first editions in Hannover in July 2016, in Milan in July 2017 and in Washington DC in July 2018 with an average attendance of 400 researchers and clinicians, we are happy to announce that the 2020 will be the first virtual edition from 16 to 19 December, 2020.

The WBC is the place where the latest outcomes on the diagnosis and management of Bronchiectasis are shared and discussed. Furthermore, following the increase of NTM pulmonary and extra – pulmonary morbidity and mortality, it has been decided to fully integrate NTM related topics within the conference programme.

Considering the complex clinical picture of most of the patients affected by Bronchiectasis and NTM, large space will be given in this edition to **co-morbidities**. A central role would be also dedicated to the latest outcome on **microbiome** in pulmonary diseases as well as in the latest outcomes in **clinical trials**, and new available **diagnostic procedures** and **treatments**. The conference will be also the place where to discuss the **International Guidelines on NTM** and **Bronchiectasis**.

Several lectures would be reserved to **latest more interesting research works** from all over the World presented directly by participants, while **poster sessions** will help sharing effective clinical practices among attendees.

Joining forces, exchanging clinical experiences, sharing data and instruments, creating a network of active experts in the field are the main goals of the conference.

We look forward to having you all connected,

Yours sincerely,



Prof. Antoni TORRES

Prof. Francesco BLASI

## GENERAL INFORMATION

Live sessions and contents of the  
**4<sup>th</sup> World Bronchiectasis & NTM Conference**  
available on the website

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[www.world-bronchiectasis-conference.org](http://www.world-bronchiectasis-conference.org)

### ORGANISER

### SCIENTIFIC & ORGANISING SECRETARIAT



**EMBARC**  
The European Bronchiectasis Registry



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## CHAIRS

### Conference Chair

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#### **Professor Antoni Torres (Spain)**

Full Professor in Medicine (Pulmonology) at the University of Barcelona and Director of the Respiratory Intensive Care Unit at Hospital Clínic.

Chair of the research group on Applied Research in Respiratory Diseases of the Institut d'Investigacions Biomèdiques August Pi i Sunyer (IDIBAPS).

Coordinator of the CIBER group on respiratory diseases (Ciberes), an SGR (Generalitat de Catalonia) group.

Member of EMBARC (The European Bronchiectasis Network) Steering Committee

### Conference Co - Chair



#### **Professor Francesco Blasi (Italy)**

Professor of Respiratory Medicine and Head of the Department of Pathophysiology and Transplantation at the University of Milan.

Head Internal Medicine Department, Respiratory Unit and Adult Cystic Fibrosis Center, Fondazione IRCCS Cà Granda Ospedale Maggiore Policlinico Milan.

Member of Board of Directors, Università degli Studi di Milano.

Member of EMBARC (The European Bronchiectasis Network) Steering Committee.

Co-chair of IRIDE, the Italian Registry of adult bronchiectasis.

Co-chair of IRENE the Italian Observatory on Non-Tuberculous Mycobacteria

Former President of ERS – European Respiratory Society.

## SCIENTIFIC COMMITTEE

Antoni Torres, Barcelona, Spain

Francesco Blasi, Milan, Italy

Timothy Aksamit, Rochester, USA

Stefano Aliberti, Milan, Italy

James D. Chalmers, Dundee, UK

Wei-Jie Guan, Guangzhou, China

Lucy Morgan, Sydney, Australia

Michal Shteinberg, Haifa, Israel

Montserrat Vendrell, Girona, Spain

Tobias Welte, Hannover, Germany

## TOPICS

ABPA - Allergic bronchopulmonary aspergillosis

Alpha-1 antitrypsin deficiency

Asthma

Biomarkers

**Bronchiectasis**

Comorbidities

COPD

Cystic Fibrosis

Exacerbations

Genetics

Immunodeficiency

Inhaled Antibiotics

Inhaled Steroids

International Guidelines

Lung Function Testing

Microbiome & Mycobiome

**NTM – Non-Tuberculous Mycobacteria**

Physiotherapy

PCD - Primary Ciliary Dyskinesia

Registries

Research priorities

RCT – Randomized Clinical Trials

Severity Scores

## FACULTY

Tim Aksamit, Rochester, USA  
Stefano Aliberti, Milan, Italy  
Rosanel Amaro, Barcelona, Spain  
Alan Barker, Portland, USA  
Francesco Blasi, Milan, Italy  
James D. Chalmers, Dundee, UK  
Anne Chang, Brisbane, Australia  
Sanjay Chotirmall, Singapore  
Tanya Coulter, Belfast, UK  
Ernesto Crisafulli, Verona, Italy  
David de la Rosa Carrillo, Barcelona, Spain  
Margot de Koning Gans, Dunedin,  
New Zealand  
Raja Dhar, Kolkata, India  
Antony De Soya, Newcastle, UK  
Gisli Einarsson, Belfast, United Kingdom  
Stuart Elborn, Belfast, UK  
Laia Fernandez, Barcelona, Spain  
Andreas Floto, Cambridge, UK  
Yong-hua Gao, Zhengzhou, China  
Pieter Goeminne, Saint Niklaas, Belgium  
Timm Greulich, Marburg, Germany  
David E. Griffith, Tyler, USA  
Wei-Jie Guan, Guangzhou, China  
Adam Hill, Edinburgh, UK  
Charles Haworth, Cambridge, UK  
Michal Loebinger, London, UK  
Nicola Lorè, Milan, Italy

Holly Keir, Dundee - United Kingdom  
Miguel Angel Martinez-Garcia,  
Valencia, Spain  
Aurora Massaguer, Girona, Spain  
Jennifer Meerburg, Rotterdam, The Netherlands  
Rosario Menendez, Valencia, Spain  
Mark Metersky, Farmington, USA  
Gerard Muñoz, Girona, Spain  
Lucy Morgan, Sydney, Australia  
Anne O'Donnell, Washington DC, USA  
Kenneth Olivier, Bethesda, USA  
Constança Pascual, Girona, Spain  
Eva Polverino, Barcelona, Spain  
Felix Ringshausen, Hannover, Germany  
Jodie Schildkraut, Nijmegen,  
The Netherlands  
Leopoldo Segal, New York, USA  
Amelia Shoemark, Dundee, UK  
Michal Shteinberg, Haifa, Israel  
Oriol Sibila, Barcelona, Spain  
Gregory Tino, Philadelphia, USA  
Antoni Torres, Barcelona, Spain  
Jakko van Ingen, Nijmegen, The Netherlands  
Alexandru Vlagea, Barcelona, Spain  
Montserrat Vendrell, Girona, Spain  
Tobias Welte, Hannover, Germany  
Kevin Winthrop, Portland, USA

## SCIENTIFIC PROGRAMME

reported times are CET (Central Europe Time)

16<sup>TH</sup> DECEMBER from 13.00 to 15.00 (CET)

### LIVE SESSION DAY 1

13.00 – 14.00

#### MEET THE PROFESSORS – ROUND 1

Meet the Professors A

##### **NTM – PD: the challenging diagnostic path**

*David E. Griffith, Tyler, USA - Michal Loebinger, London, UK*

Meet the Professors B

##### **Physiotherapy: how to improve the management of bronchiectasis**

*Gerard Muñoz, Girona, Spain - Victoria Alcaraz, Barcelona, Spain*

Meet the Professors C

##### **How to set up a PCD diagnostic service**

*Amelia Shoemark, Dundee, UK - Lucy Morgan, Sydney, Australia*

Meet the Professors D

##### **Immunodeficiency: from diagnosis to management**

*Tanya Coulter, Belfast, UK - Alexandru Daniel Vlaga, Barcelona, Spain*

Meet the Professors E

##### **How to use EMBARC data**

*Pieter Goeminne, Saint Niklaas, Belgium - James D. Chalmers, Dundee, UK*

14.00 – 15.00

#### MEET THE PROFESSORS – ROUND 2

*Repetition of the "Meet the Professors" Courses of Round 1.*

17<sup>TH</sup> DECEMBER from 12.30 to 15.30 (CET)

**LIVE SESSION DAY 2**

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**12.30 - 12.40**

**OPENING Address**

Antoni Torres, Barcelona (Spain)  
Francesco Blasi, Milan (Italy)  
James D. Chalmers, Dundee (UK)

**12.40 – 13.25**

**RISING STARS SESSION**

Chairs: Antoni Torres, Barcelona (Spain), Francesco Blasi, Milan (Italy)

**12.40 - 12.55**

**Rising Star Oral presentation (Bronchiectasis)**

**Sputum proteomics identifies mechanisms of disease severity and treatment response in bronchiectasis**

*Holly Keir, Dundee, United Kingdom*

5' questions time

**13.00 - 13.15**

**Rising Star Oral presentation (NTM – PD)**

**Dual RNA-Seq of *M. avium* identifies characteristic host-pathogen interactions**

*Jodie Schildkraut, Nijmegen, The Netherlands*

5' questions time

**13:25 – 13:55**

**KEYNOTE LECTURE**

Chair: Oriol Sibila, Barcelona (Spain)

**New bronchiectasis management in the COVID19 era**

*Tobias Welte, Hannover, Germany*



**13.55 – 15.30**      **Session I: NOVEL DIAGNOSTICS AND ASSESSMENT METHODS**

Chairs: Felix Ringshausen, Hannover (Germany),  
Michal Loebinger, London (UK)

**13.55 – 14.15**      **Lung Function Testing Findings**  
*Wei-Jie Guan, Guangzhou, China*

**14.15 – 14.35**      **Biomarkers to assess severity & prognosis**  
*Stefano Aliberti, Milan, Italy*

**14.35 – 14.55**      **Quantitative chest computed tomography scoring technique for  
bronchiectasis (BEST-CT)**  
*Jennifer Meerburg, Rotterdam, The Netherlands*

**14.55 – 15.15**      **Genetics and Bronchiectasis**  
*Kenneth Olivier, Bethesda, USA*

**15.15 – 15.30**      **Discussion**

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**15.30 -16.00**      **VIRTUAL COCKTAIL**

**16.00 – 17.00**      **Poster session 1**  
Presenters from Americas, Europe

18<sup>TH</sup> DECEMBER from 12.30 to 15.30 (CET)

LIVE SESSION DAY 3

11.30 – 12.30

**Poster session 2**

Presenters from Middle East, Far East and Asia – Pacific, Europe

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12.30 – 13.30

**Session II: inhaled treatments**

Chairs: James D. Chalmers, Dundee (UK),  
David de la Rosa Carrillo, Barcelona (Spain)

12.30 – 12.50

**Should we need Inhaled Steroids?**

*Margot de Koning Gans, Dunedin, New Zealand*

12.50 – 13.10

**Inhaled antibiotics: the iBest Example**

*Charles Haworth, Cambridge, United Kingdom*

13.10 – 13.25

**Effect of treatment with the TOBI Podhaler® on the airway microbiota in Pseudomonas aeruginosa-infected bronchiectasis patients: iBEST study**

*Gisli Einarsson, Belfast, United Kingdom*

13.25 – 13.30

**Discussion**

13.30 – 14.30

**Session III: focus ON non-tuberculous mycobacteria**

Chair: Miguel Angel Martinez-Garcia, Valencia (Spain)  
Kevin Winthrop, Portland (USA)

13.30 – 13.50

**NTM transmission: state of the art**

*Andreas Floto, Cambridge, UK*

13.50 – 14.10

**International guidelines on NTM**

*Jakko van Ingen, Nijmegen, The Netherlands*

14.10 – 14.20

**Unravelling the role of type 1 interferons in lung chronic infections by M. Abscessus**

*Nicola Lorè, Milan, Italy*

14.20 – 14.30

**Discussion**

14.30 – 15.30

**LIVE SPONSORED SYMPOSIUM**

*Please refer to page 14 for details*

15.30 – 16.30

**Poster session 3**

Presenters from Americas, Europe



19<sup>TH</sup> DECEMBER from 12.30 to 15.30 (CET)

**LIVE SESSION DAY 4**

11.30 – 12.30

**Poster session 4**

Presenters from Middle East, Far East and Asia – Pacific, Europe

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12.30 – 13.20

**Session IV: microbiome new frontiers**

Chairs: Michal Shteinberg, Haifa, Israel  
Stefano Aliberti, Milan, Italy

15 MINUTES

**Eradication in the era of microbiome**

*James D. Chalmers, Dundee, UK*

15 MINUTES

**Functional effects of the microbiome / mycobiome**

*Sanjay Chotirmall, Singapore, Singapore*

15 MINUTES

**Pseudomonas aeruginosa leading pathogen in the bronchiectasis microbiota?**

*Antoni Torres, Barcelona, Spain*

5 MINUTES

**Discussion**

13.20 – 13.50

**SPONSORED CASE HISTORIES DISCUSSION**

*Please refer to page 14 for details*

13.50 – 15.15

**Session V: bronchiectasis associated diseases**

Chairs: Gregory Tino, Philadelphia, USA  
Anne O'Donnell, Washington DC, USA

13.50 - 14.05

**Bronchiectasis & NTM**

*Felix Ringshausen, Hannover, Germany*

14.05 - 14.20

**Bronchiectasis in Severe Asthma: combined treatment options**

*Francesco Blasi, Milan, Italy*

14.20 - 14.35

**Management of COPD and Bronchiectasis**

*Ernesto Crisafulli, Verona, Italy*

14.35 - 14.50

**Alpha-1 antitrypsin deficiency**

*Timm Greulich, Marburg, Germany*

14.50 - 15.05

**Aspergillus in Bronchiectasis**

*Antony De Soyza, Newcastle, UK*

15.05 – 15.20

**Discussion**

15.20-15.30

**CLOSING ADDRESS & BEST POSTER AWARDS**

Chairs: Antoni Torres, Barcelona (Spain), Francesco Blasi, Milan (Italy)

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**SESSIONS AVAILABLE ON DEMAND ONLY (pre-recorded)**

**Session A: CLINICAL TRIALS**

Chairs: Alan Barker, Portland (USA)

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**20 MINUTES**      **Brensocatib in Bronchiectasis – WILLOW Study**  
*James D. Chalmers, Dundee, UK*

**20 MINUTES**      **Placebo effects in bronchiectasis**  
*Yong-hua Gao, Zhengzhou, China*

**15 MINUTES**      **Discussion**

**Session B: FOCUS on Bronchiectasis**

Chairs: Michal Loebinger, London (UK)

**20 MINUTES**      **Bronchiectasis insanity**  
*Mark Metersky, Farmington, USA*

**20 MINUTES**      **Implications of Pseudomonas aeruginosa biofilms in diagnosis, respiratory  
dysbiosis and exacerbations in non-Cystic Fibrosis Bronchiectasis**  
*Laia Fernandez-Barat, Barcelona, Spain*

**10 MINUTES**      **Discussion**

**Session C The PATIENTS' POINT OF VIEW**

Chair: Montserrat Vendrell, Girona (Spain)

**15 MINUTES**      **My experience with Bronchiectasis**  
*Constança Pascual, Girona, Spain*

**15 MINUTES**      **My experience with NTM**  
*Aurora Massaguer, Girona, Spain*

**10 MINUTES**      **Discussion**

**LECTURES AVAILABLE ON DEMAND ONLY (pre-recorded)**

**30 MINUTES**

**Keynote lecture 1**

**Bronchiectasis: need for better definitions**

*Rosario Menendez, Barcelona, Spain*

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**30 MINUTES**

**Keynote lecture 2**

**Research priorities in pulmonary NTM**

*Timothy Aksamit, Rochester, USA*

**30 MINUTES**

**Keynote lecture 3**

**Microbiome in Bronchiectasis and in NTM infections**

*Leopoldo Segal, New York, USA*

**30 MINUTES**

**KEYNOTE lecture 4**

**Lessons learnt from CF: implications for bronchiectasis**

*Stuart Elborn, Belfast, UK*

**20 MINUTES**

**LECTURE 1**

**Adultologists meet paediatricians: what are we supposed to know from our patient's childhood that has an impact on the adulthood management**

*Adam Hill, Edinburgh, UK*

**20 MINUTES**

**LECTURE 2**

**Bronchiectasis exacerbation management**

*Anne Chang, Brisbane, Australia*

**20 MINUTES**

**LECTURE 3**

**Bronchiectasis: Dirty Little Secrets**

*Lucy Morgan, Sydney, Australia*

**20 MINUTES**

**LECTURE 4**

**Role of Registries: the Indian Example**

*Raja Dhar, Kolkata, India*

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## SPONSORED SESSIONS

The following sessions are not part of the CME programme, both for UEMS/EAACME and EBAP procedures. Participants cannot claim credits for attending the following sessions

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### LIVE SESSION DAY 3

18<sup>TH</sup> DECEMBER from 14.30 to 15.30 (CET)

#### LIVE SPONSORED SYMPOSIUM

##### Looking ahead - the changing landscape of MAC lung infection

Co-chairs Professor **Stefano Aliberti** and Professor **Eva Polverino** are joined in this roundtable session by an expert panel to discuss their personal insights into the management of NTM.

Topics for discussion include:

- *Advances and challenges in NTM management in 2020*
- *Impact of the 2020 NTM guidelines on clinical practice*
- *Role for new treatment options in MAC pulmonary disease*

*Supported by Insméd*

### LIVE SESSION DAY 4

19<sup>TH</sup> DECEMBER from 13.20 to 13.50 (CET)

#### CASE HISTORIES DISCUSSION

##### The bronchiectasis diagnostic conundrum: Results and implications from the pre-congress survey

**Chair:** Antoni Torres, Barcelona (Spain)

**Speaker:** Montserrat Vendrell, Barcelona (Spain)

*Supported by Grifols*

## IMPORTANT DATES

Call for abstracts closing	28 <sup>st</sup> September 2020
Deadline for abstract evaluation by Board	11 <sup>th</sup> October 2020
Communication to submitter for oral presentation and poster	20 <sup>th</sup> October 2020
Latest breaking abstracts window (for poster only):	7 <sup>th</sup> – 16 <sup>th</sup> November
Deadline evaluation latest breaking abstracts:	23 <sup>rd</sup> November 2020
Communication to submitter for latest breaking posters	30 <sup>th</sup> November 2020

## REGISTRATION FEES

Registration Fees*	
Researcher & Medical Doctor	€ 240
Trainees / Students**	€ 150
Physiotherapists / Nurses**	€ 150
Industry staff members	€ 600
Meet the professors courses***	€ 50 each

For each registration a handling fee of € 15 + VAT will be charged.

\* The above prices are VAT excluded. VAT rate is 10% (French VAT).

\*\* Please, provide supportive document.

\*\*\*Please note that places are limited, registration to the courses are compulsory and are on a first-come first-served basis. The course will be live if we reach at least 20 registrations per course, otherwise it will be an on-demand access to pre-recorded lessons

### REGISTRATION FEE INCLUDES

- Access to the Live Sessions on 16,17,18,19 December 2020
- Access to the participants list including contacts (if authorized by the attendee)
- Possibility to chat and interact during the Live Sessions
- Access to On demand sessions
- Access to On demand Keynotes & Lectures
- Possibility to submit questions (and receive replies) for all sessions (Live & On-demand)
- Access to E-Posters sessions
- Attendance to the Virtual Welcome Cocktail
- Access to Virtual Sponsor space
- Access to all contents for 6 months after the end of the Conference

### CANCELLATIONS AND REFUNDS

- Cancellation or modification of registration must be sent in writing to the Organising Secretariat Publi Créations ([wbc@publiccreations.com](mailto:wbc@publiccreations.com)).
  - Before 30 November all fees will be refunded less € 15 + VAT for administrative charges.
  - After 01 December, 2020: no refunds will be made
  - Name changes, to be communicated writing to the Organising Secretariat Publi Créations ([wbc@publiccreations.com](mailto:wbc@publiccreations.com)) are free of charge
- All refunds will be settled after the Conference**



## GENERAL INFORMATION

### VIRTUAL EVENT CREDENTIALS

Your credentials for the virtual event platform are the same you have created for registering to the Conference. In any case, about 10 days before the virtual conference starts you'll receive a remind of your credentials, how to access the platform and how to maximize your learning experience and virtual interaction.

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### LIST OF PARTICIPANTS WITH CONTACT

Specialists on Bronchiectasis and NTM are not so many in the World, you are member of a small but active community. To allow interaction also after the event with other members of the community we invite you, during the registration process, to accept to be included in the list of participants sharing your contacts details. Only in this case you would see the contacts details of other participants who shared this opportunity.

### HELP DESK

A technical helpdesk will be available throughout the live experience. Contact details will be provided on your confirmation letter and congress website.

### "MEET THE PROFESSOR COURSES"

Please note that places are limited, registration to the courses are compulsory and are on a first-come first-served basis. The course will be live if we reach at least 20 registrations per course, otherwise it will be an on-demand access to pre-recorded lessons

### CERTIFICATE OF ATTENDANCE

The certificate of attendance will be downloadable from the website [www.world-bronchiectasis-conference.org](http://www.world-bronchiectasis-conference.org) using the personal log-in credentials sent by e-mail, starting from December 22<sup>th</sup>, 2020.

For Sponsored Groups: Please note that in order to send the certificate of attendance to each participant, we will need the personal e-mail address.

The Certificate of attendance will only be delivered to those having attended the Conference.

### CME ACCREDITATION

CME credits (ECMEC®s) by the European Accreditation Council for Continuing Medical Education (EACCME®) has been requested for the 4<sup>th</sup> World Bronchiectasis & NTM Conference

4<sup>th</sup> World Bronchiectasis & NTM Conference, 16/12/2020-19/12/2020 has been granted 16 European CME credits by the European Board for Accreditation in Pneumology (EBAP)

The Credits Certificate will only be delivered to those having attended the Conference.

### AIFA

For Italian Sponsors or Sponsored Groups of registered participants from Italy, the AIFA dossier should be submitted no later than October 15<sup>th</sup>, 2020. Please contact the secretariat to know which is the Italian Agency taking care of the AIFA pre-request. The Organising Secretariat will provide all the required documents within October 5<sup>th</sup>, 2020. The procedure must be completed by the Sponsor within October 13<sup>th</sup>, 2020 and officially communicated to the Organising Secretariat.

### LANGUAGE

The official language of the Conference is English. No simultaneous translation will be provided.

4<sup>th</sup>  
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