

### Welcome to the 9th Workshop on Lung Health

### **Dear Colleagues & Friends,**

It's a great pleasure – as Presidents and Chairmen – to announce you the 9<sup>th</sup> Edition of the International Workshop on Lung Health which will take place from January 20-22, 2022 in the fashionable city of Milan (Italy).

In 2021, our traditional and family meeting was held in a virtual format due to the COVID-19 pandemic. Despite all the difficulties and emergencies of the period, the E-Workshop was a great success and an excellent occasion to update on the latest findings and share knowledge.

In 2022 we strongly believe we will have the opportunity to meet in a face to face Workshop, to resume our usual 3 days appointment, where friends, colleagues and all the players involved in the research and progress of the respiratory diseases field can convene.

Looking at our recent past and our challenging future perspective, the "fil rouge" of the 9<sup>th</sup> edition will be "A Golden Age in Respiratory Research". COVID-19 indicated us the urgent, indispensable, and invaluable need of a stronger commitment in our field of research: only focusing on this aspect we will be able to face properly the next emerging medical challenges.

Considering, the inputs from all 2021 attendees, partners and faculty members, we have developed an **Advance Programme** which you can already find in the relative web site section.

As Committee members, we would like to stress, once again, the importance of participants' contribution for the success of the initiative. Therefore, considering the limitation in dialogue and mutual cultural exchanges in this last period, even more time will be devoted to discussion, interaction and contribution from the audience. In addition some new interactive opportunities, inspired also to some experienced format of the 8th IWLH **Virtual Workshop will be** added to the programme.

As in the past 8 years, one of our advocacy goal are the initiatives dedicated to Junior Clinicians and Researchers, who will be protagonists of the 2022 edition as well.

The Future Leaders Mentoring Programme (FUHEL) will undergo some important remodeling, with the aim of provide a practical "career mentoring" to the Researchers and Clinicians who will lead the Respiratory Health panorama in the near future.





Furthermore, the year by year success of the *Rising Stars Programme*, encourages us to pursue this activity giving the opportunity to young clinicians and researchers to present their valuable work, in front of an international audience, and become for the first time part of the Congress faculty.

We look forward to consolidate the existing **cooperation with national and international associations** for the promotion of the meeting as well as the increase of the initiatives dedicated to the younger ones, strengthening the promotional efforts and opportunities within the whole potential stakeholders.

Last but not least, we invite you all to bring your contribution to the **Poster Calls and on site sessions**: only by sharing projects, results and discussions points we will be able to **face the new extremely crucial world challenges in Respiratory Research**.

We look forward to welcoming you in the historical frame of Milan!

Yours Sincerely,



From left to right: Francesco Blasi, G. Walter Canonica, Stefano Aliberti, Johann Christian Virchow, Stefano Centanni, Tobias Welte





### **TOPICS & TRACKS**

The Scientific Programme has been designed to face several challenges, hot topics and emerging issues of the field of Research in Respiratory Medicine. The same topics will be available for the Workshop Calls (Abstracts for Posters and Rising Stars)

Furthermore, to help participants to organize their attendance based on the area of interest the programme has been organized in thematic tracks.

In person or virtually each participants can choose it attending all the tracks or only the one of his / her interest.

# RED TRACK: Research in Respiratory Tract Infections

- RESPIRATORY INFECTIONS
- > COVID-19
- Multiple Drugs Resistant (MDR) Bacteria
- > CAP Community acquired Pneumonia

## BLUE TRACK: Research in Asthma & COPD

- > Allergy
- > ASTHMA
- > COPD
- Neutrophilic inflammation
- Precision Medicine
- Treatments & New Drugs

## GREEN TRACK: Research in Respiratory Rare Diseases

- RARE RESPIRATORY DISEASES
- Alpha1-antitrypsin deficiency
- Bronchiectasis
- ILD Interstitial Lung Diseases
- > IPF Idiopathic Pulmonary
  Fibrosis
- NTM Non Tuberculous Mycobacteria
- Pulmonary Hypertension

### **Cross Tracks Topics**

- Artificial Intelligence
- Imaging and other Diagnostic Tools in Respiratory Medicine
- Microbiomics
- > New Drugs
- Vaccines







### **FACULTY**

- ✓ Stefano Aliberti (Italy)
- ✓ Francesco Blasi (Italy)
- ✓ G. Walter Canonica (Italy)
- ✓ G. Elisiana Carpagnano (Italy)
- ✓ Giampaolo Carrafiello (Italy)
- ✓ Mario Cazzola (Italy)
- ✓ Stefano Centanni (Italy)
- ✓ James D. Chalmers (United Kingdom)
- ✓ Yoon Kyung (Rachel) Chang (Australia)
- ✓ Sanjay H. Chotirmall (Singapore)
- √ Fabiano Di Marco (Italy)
- ✓ Andrea Gramegna (Italy)
- ✓ Enrico Heffler (Italy)
- ✓ Holly Keir (United Kingdom)
- √ Konstantinos Kostikas (Greece)
- ✓ Carlo La Vecchia (Italy)
- ✓ Michael Loebinger (United Kingdom)
- ✓ Jose Luis Lopez-Campos (Spain)
- √ Fabrizio Luppi (Italy)

- ✓ Noel G. McElvaney (Ireland)
- ✓ Marc Miravitlles (Spain)
- ✓ Alberto Papi (Italy)
- ✓ Shital Patil (India)
- √ Francesca Puggioni (Italy)
- ✓ Julio Ramirez (USA)
- ✓ Luca Richeldi (Italy)
- ✓ Nicolas Roche (France)
- ✓ Paola Rogliani (Italy)
- ✓ Pierachille Santus (Italy)
- ✓ Amelia Shoemark (United Kingdom)
- ✓ Daiana Stolz (Switzerland)
- ✓ Efthymia Theofani (Greece)
- √ Harm Tiddens (The Netherlands)
- ✓ Antoni Torres (Spain)
- ✓ Jakko van Ingen (The Netherlands)
- ✓ Johann Christian Virchow (Germany)
- ✓ Tobias Welte (Germany)





## THEMATIC TRACKS AT A GLANCE

20 January	21 January	22 January
Plenary Room	Plenary Room	Plenary Room
Plenary Room  13.30-14.30  Rising Stars  Programme  14.30 -19.30  Research in	-	-
Research in Respiratory Tract Infections		

- RED Track: Research in Respiratory Tract Infections"
- BLUE Track: "Research in Asthma & COPD"
- GREEN Track: "Rare Diseases"
- VIOLET Track: Young Generation Programs (Rising Stars)





9



### **VENUE**

### **UNAHOTELS Expo Fiera Milano**



The UNAHOTELS Expo Fiera Milano is a sophisticated hotel complex, which can be found near to Milan. The beautiful establishment is only 30 minutes by public transportation from the center of Milan. The hotel is surrounded by a green area, providing a very relaxing and comforting atmosphere.

Each of the 527 guestrooms and apartments are modern with an elegant style and well-equipped with free WIFI. Thanks to the hotel's location most of the rooms has natural light with amazing view.

The Magellano Bar & Restaurant by "UNA cucina" offers modern and international cuisine with Mediterranean influences, made with fresh and local ingredients.

The congress center is modern and well-equipped with the latest innovations, therefore a perfect place for the Conference. It can accommodate up to 2900 people and the hotel's own team is very helpful and qualified.

### **SAFETY**

To check the COVID-19 Health Measure, please visit the Hotel's website:

https://www.gruppouna.it/en/covid-19

### **ADDRESS**

Via Giovanni Keplero 12, 20016 – Pero, Lombardia

### **CONTACT**

Organizing Secretariat – Publi Creations info@lung-health.org

Tel + 377 97 97 35 55





**Publi Créations** 

### **SCIENTIFIC PROGRAMME**

13.30 - 14:30	RISING STARS SESSION 1
	Chairs: F. Blasi, G.W. Canonica, S. Aliberti, S. Centanni, J.C. Virchow, T. Welte
13.30 – 13.45	Inhaled bacteriophage therapy for treating respiratory infections caused by multidrug resistant Pseudomonas aeruginosa  Yoon Kyung Chang (Australia)
13.45 – 14.00	Discussion
14.00 – 14.15	Post COVID-19 lung fibrosis: effect of hyperglycemia, radiological phenotypes, & response to antifibrotics; study of 600 cases in tertiary care setting in India  Patil Shital (India)
14.15 – 14.30	Discussion

Each lecture will be followed by 10' question time and 5' of comments and advices by the Chairmen.

The Rising Stars programme will give the opportunity to two young researchers / clinicians, selected by a strict process, to:

- ✓ Present a 15 minutes speech in front of the international audience of about 500 specialists;
- ✓ Receive the personal feedback of the Presidents and Chairmen of the congress who will provide useful advices for the development of the winners' career as researchers and international congress speakers;
- ✓ Be hosted by the congress that will waive registration fee and take care of travel and accommodation costs





## **Research in Respiratory Tract Infections**

### **14.30 – 15.10 OPENING LECTURE**

Chair: F. Blasi (Italy)

14.30 – 15.00 Integrative microbiomics in bronchiectasis exacerbations: a new light in

the dark

Sanjay H. Chotirmall (Singapore)

15.00 – 15.10 Discussion

### 15.10 - 16.30 SESSION I: COVID-19 INSIGHTS

Chairs: S. Centanni (Italy)

15.10 – 15.30 The current epidemiology: are we on the safe side?

C. La Vecchia (Italy)

15.30 – 15.50 Living guidelines on COVID-19

N. Roche (France)

15.50 - 16.10 Post-COVID: a long trip

T. Welte (Germany)

16.10 – 16.30 Discussion

### 16.30 - 17.00 COFFEE BREAK

### 17.00 - 17.30 **KEYNOTE LECTURE I**

Chair: J. C. Virchow (Germany)

17.00 – 17.20 COVID-19 and vaccinations: data from the real life experience

F. Blasi (Italy)

17.20 - 17.30 Discussion





## **Research in Respiratory Tract Infections**

17.30 - 18.00 **KEYNOTE LECTURE II** 

Chair: F. Blasi (Italy)

17.30 – 17.50 Emerging Therapeutical Options in Covid – 19 management

N. G. McElvaney (Ireland)

17.50 – 18.00 Discussion

18.00 – 19.00 SESSION II: EMERGING CHALLENGES

Chairs: T. Welte (Germany) - S. Aliberti (Italy)

18.00 – 18.20 Emerging MDR bugs: new antimicrobials

A. Torres (Spain)

18.20 – 18.40 Management of CAP in immunocompromised patients

J. Ramirez (USA)

18.40 - 19.00 Discussion

19.00 – 19.30 KEYNOTE LECTURE III

Chair: G. W. Canonica (Italy)

19.00 – 19.20 NAVIGATOR Study

J. C. Virchow (Germany)

19.20 - 19.30 Discussion

19.40 - 20.40 WELCOME COCKTAIL







## Research in Asthma & COPD

08.30 - 09.00 RISING STARS SESSION 2

Chairs: F. Blasi, G.W. Canonica, S. Aliberti, S. Centanni, J.C. Virchow, T. Welte

08.30 – 08.45 TFEB (transcription factor for lysosomal biogenesis) signaling

attenuates NLRP3 (family pyrin domain containing 3) -driven

inflammatory responses in severe asthma.

Efthymia Theofani (Greece)

08.45 - 09.00 Discussion

**09.00 – 09.40 KEYNOTE LECTURE IV** 

Chair: G. W. Canonica (Italy)

09.00 – 09.30 OCS use and abuse in respiratory diseases treatment

J. C. Virchow (Germany)

09.30 - 09.40 Discussion

09.40 - 10.20 KEYNOTE LECTURE V

Chair: J. C. Virchow (Germany)

09.40 – 10.10 Severe asthma: long-term outcomes with biological therapy

E. Heffler (Italy)

10.10 - 10.20 Discussion

10.20 - 11.00 KEYNOTE LECTURE VI

Chair: S. Centanni (Italy)

10.20 – 10.50 Why to wait to implement the best approach in eosinophilic severe

asthma patients?

G. W. Canonica (Italy)

10.50 – 11.00 Discussion

11.00 - 11.30 COFFEE BREAK





## **Research in Asthma & COPD**

11.30 - 12.10**SPONSORED LECTURE I – SEE PAGE 15** 

#### 12.10 - 13.10 **SESSION III: PRO-CON - ICS IN COPD: A PLUS FOR PATIENTS?**

Chairs: F. Di Marco (Italy), T. Welte (Germany)

12.10 - 12.25 **PRO** 

D. Stolz (Switzerland)

12.25 - 12.40CON

M. Miravitlles (Spain)

12.40 - 12.50**Rebuttal Pro** 

**Rebuttal Con** 12.50 - 13.00

**Discussion** 13.00 - 13.10

13.10 - 14.10**LUNCH TIME** 

#### 14.10 - 15.10 SESSION IV: AIRWAYS INFLAMMATION(S)

Chairs: M. Cazzola (Italy) – C. Virchow (Germany)

14.10 - 14.30 Treatment of neutrophilic inflammation in chronic respiratory diseases

F. Blasi (Italy)

14.30 - 14.50 Small airways disease, biomarkers and COPD: where are we?

P. A. Santus (Italy)

**Discussion** 14.50 - 15.10

#### 15.10 - 15.50 **KEYNOTE LECTURE VII**

Chair: S. Centanni (Italy)

15.10 - 15.40 Escalation and de-escalation of therapy in chronic obstructive

pulmonary disease

J. L. Lopez Campos (Spain)

15.40 - 15.50 **Discussion** 

15.50 - 16.20 COFFEE BREAK





## Research in Asthma & COPD

16.20 – 17.00 KEYNOTE LECTURE VIII

Chair: F. Puggioni (Italy)

16.20 – 16.50 Artificial intelligence/machine learning in respiratory medicine and

potential role in asthma and COPD diagnosis

K. Kostikas (Greece)

16.50 – 17.00 Discussion

17.00 - 18.00 SESSION V: CLINICAL AND RADIOLOGICAL GROUND ROUND:

ASSURING DIAGNOSIS AND TREATMENT CONTINUITY TO

**CHRONIC PATIENTS DURING A PANDEMIC?** 

Chairs: P. Rogliani (Italy), J.C. Virchow (Germany)

3-4 real life cases to be discussed

G. Carrafiello (Italy) - A. Gramegna (Italy) - H. Tiddens (The Netherlands)

**18.00 – 19.00 POSTER SESSION** 

Chairs: S. Aliberti, F. Blasi, G.W. Canonica, S. Centanni, T. Welte, J.C. Virchow





## Research in Respiratory Rare diseases

08.30 – 09.00 KEYNOTE LECTURE IX

Chair: L. Richeldi (Italy)

08.30 – 08.50 Gene therapy strategies for idiopathic pulmonary fibrosis: recent

advances, current challenges and future directions

F. Luppi (Italy)

08.50 – 09.00 Discussion

09.00 - 09.30 **KEYNOTE LECTURE X** 

Chair: T. Welte (Germany)

09.00 - 09.20 Progressive fibrosis interstitial lung disease: new nosological entity,

new treatment(s)?

L. Richeldi (Italy)

09.20 – 09.30 **Discussion** 

09.30 - 10.00 **SPONSORED LECTURE** - SEE PAGE 15

15.50 - 16.20 **COFFEE BREAK** 





## Research in Respiratory Rare diseases

SESSION VI: NTM-PD & BRONCHIECTASIS - WHERE ARE WE? 10.30 - 12.10

Chairs: S. Centanni (Italy)

	Refractory NTM: what's new M. Loebinger (UK)
	Antiinflammatory treatment in bronchiectasis  J. D. Chalmers (UK)
11.10 – 11.30	Designing clinical trials in bronchiectasis: a consensus definition <i>S. Aliberti (Italy)</i>
11.30 – 11.50	Inhaled Antibiotics – any good news ? F.Blasi (Italy)
11.50 – 12.10	Discussion
12.10 - 12.40	KEYNOTE LECTURE XI
Chair:	S. Aliberti (Italy)

12.10 - 12.30 Neutrophil extracellular traps, disease severity and antibiotic response

in bronchiectasis

H. Keir (UK)

12.30 - 12.40**Discussion** 

12.40 - 13.20POSTER AWARDS, FUHEL PROGRAMME FEEDBACK AND

**CLOSING REMARKS** 

Chairs: S. Aliberti, F. Blasi, G.W. Canonica, S. Centanni, J.C. Virchow, T. Welte





## **Industry Sponsored Lectures**

DISCLAIMER: THE FOLLOWING LECTURES ARE ORGANIZED BY INDUSTRY. YOU CANNOT CLAIM CME CREDITS FOR ATTENDING THESE SESSIONS

## Friday January 21st, 2022

11.30 - 12.10	SPONSORED LECTURE I
	SUPPORTED BY CHIESI ITALIA SPA
	Chair: G. E. Carpagnano (Italy)
11.30 – 12.00	COPD changing the paradigm: triple extrafine therapy
	A. Papi (Italy)
12.00 – 12.10	Discussion

## Saturday January 22<sup>nd</sup>, 2022

09.30-10.00	SPONSORED LECTURE II
	SUPPORTED BY <b>INSMED</b>
	Chair: H. Tiddens (The Netherlands)
09.30 - 09.50	Rethink NTM: shifting paradigms in diagnosis & treatment
	J. van Ingen (The Netherlands)
09.50 - 10.00	Discussion



## FuHeL "Career Mentoring" detailed Programme

Thursday, January 20th, 2022

### 12.30 – 13.30 Introduction of the FuHeL Programme

Mentor: A. Shoemark (UK)

### 16.30 - 18.30 FuHeL career Mentoring Session I

Mentor: A. Shoemark (UK)

Friday, January 21st, 2022

### 09.00 - 10.30 FuHeL career Mentoring Session II

Mentor: A. Shoemark (UK)

### 12.00 - 13.00 FuHeL career Mentoring Session III

Mentor: S. Aliberti (Italy)

### 14.00 - 16.30 FuHeL career Mentoring Session IV

Mentor: S. Aliberti (Italy)

### 17.30 - 19.30 FuHeL career Mentoring Session V

Mentor: J. D. Chalmers (UK)

Saturday, January 22<sup>nd</sup>, 2022

### 8.30 – 9.30 FuHeL career Mentoring Session VI

Mentor: J. D. Chalmers (UK)

### 9.30 - 10.30 FuHeL career Mentoring Wrap up

Mentor: J. D. Chalmers (UK)

## 12.40 -13.20 FuHeL Mentors Presentation of the take home messages during the closing remarks

Mentors: S. Aliberti (Italy), J. D. Chalmers (UK), A. Shoemark (UK)





## **GENERAL INFORMATION**

### **ORGANISING SECRETARIAT**

For any kind of information related with the Workshop please contact Publi Creations:

#### **PUBLI CREATIONS S.A.M.**

74 Boulevard d'Italie 98000 MONACO

Direct: +377 97 97 35 55

http://www.publicreations.com;info@lung-health.org

### **SECRETARIAT DESKS**

The secretariat desk will open on January 14th from 12.00 (noon) and will be open as follow:

- January 20, 2022: 12.00 20.30 (end of the Welcome Ceremony)
- January 21, 2022: 08.00 am 6.00 pm
- January 22, 2022: 08.00 am 14.00 pm (end of the Workshop)

### **EXHIBITION**

The set up and dismantling of the exhibition area will be accessible only for sponsors which booked an exhibition booth.

- Set up: January, 19th from 08.00 to 11.00
- Dismantling: January, 22nd from 14.00 to 16.00

### **ADMISSION**

The participant's name badge will be provided by the Organizing Secretariat (detailed instructions will follow). All participants are requested to wear the badge throughout the congress. Only badge holders will be admitted to the appropriate sessions, exhibition and social events.

#### PRESENCE CONTROL

Effective attendance is checked through badge scanning when going in and coming out of the plenary room. A minimum of 6 hours of effective attendance is required to issue the certificate of attendance.

### **CERTIFICATE OF ATTENDANCE**

The certificate of attendance will be downloadable from the website <a href="www.lung-health.org/2021">www.lung-health.org/2021</a> using your personal credentials sent by e-mail, starting from January 25, 2021.

Important note: Certificate of attendance would be delivered only to registered participants who attend at least 6 hours of congress sessions. For Group Participants: Please note that in order to send the certificate of attendance to each participant, we will need the personal e-mail

### **EUROPEAN ACCREDITATION**

The 9th International Workshop on Lung Health is granted with 14 CME credits (ECMEC®s) by the European Accreditation Council for Continuing Medical Education (EACCME®) and 17 European CME credits by the European Board for Accreditation in Pneumology (EBAP).

The Credits Certificate is delivered to those having attended the Conference and having filled the on line Scientific Questionnaire.

To download your certificate please log in to the https://lung-health.org/2022/ using the personal log-in credentials sent by e-mail, starting from the 25<sup>th</sup> of January 2022. CME Credits certificates will be downloadable up to the 14<sup>th</sup> February 2022. After this date, in order to comply with the reporting deadline of UEMS, the CME Credits will no longer be downloadable. For Sponsored Groups: Please note that in order to provide the CME certificate to each participant, we will need their personal e-mail address.

### **INSURANCE**

The Congress Organisers cannot accept liability for personal injuries sustained, or for loss or damage to property belonging to Congress participants, either during or as a result of the Congress. Registration does not include insurance. It is strongly recommended that you take an insurance policy of your choice as you register for the Congress and book your travel.

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







## **Endorsements**



















































A Golden Age in Respiratory Research

Milan 20-22 january 2022

www.lung-health.org/2022



PCO-Organising Secretariat



Local Pco

