

SCIENTIFIC PROGRAM

22nd International Colloquium on Lung and Airway Fibrosis



*The congress is granted
with 23 credits
of Continuing Medical Education
(European CME credits / ECMECs)*

OCTOBER 12-16, 2024

“THEATRON”, Cultural Center “Hellenic Cosmos”, Athens, Greece



WELCOME LETTER

Dear Colleagues,

We cordially invite you to the 22nd International Colloquium on Lung and Airway Fibrosis, ICLAF 2024, to be held in Athens 12 - 16 October 2024. ICLAF, a biennial non-profit meeting, is organized in a different country every 2 years alternating locations between Europe, North America and occasionally Asia-Pacific, by an independent host on behalf of the international pulmonary fibrosis research community.

ICLAF 2024 will be held for the first time in Athens, Greece, the birthplace of democracy, philosophy, mathematical principles, the Olympics and medicine. Building on the legacy of previous conferences this constructive 4-day meeting, will provide you with the opportunity to interact with international experts, embrace the science and learn about the latest developments in pathogenesis, management and therapies for pulmonary fibrosis in plenary sessions and workshops, thus improving the outcome of global patients with this dreadful disease.

In October 2024, in Athens, let us all bring a new Breath into ICLAF.

We look forward to welcoming you to our capital, one of the oldest cities in the world.

Chair of ICLAF 2024

Argyrios Tzouvelekis MD, PhD, MSc

Professor of Internal and Respiratory Medicine

Head Department of Respiratory Medicine

University of Patras, Greece

Associate Professor Adjunct, Yale School of Medicine, USA



SCIENTIFIC PROGRAM

SATURDAY

12th October 2024

14:00-18:00

Registrations

15:00-16:00

Welcome Session: ICLAF - The patients' journey

Moderators: **Steve Jones, Michael Kreuter**

15:00-15:10

IPF patient video

Steve Jones

15:10-15:25

Key patient priorities in improving treatment and QoL

Steve Jones

15:25-15:55

QnA session

Marlies Wijsenbeck, Michael Kreuter

15:55-16:00

Summary/Wrap up

Steve Jones

16:00-18:00

Lung Fibrosis: A journey through time

Moderators: **Tamera Corte**

16:00-16:50

Lessons from the past

Athol Wells, Ganesh Raghu

Moderators: **Michael Kreuter**

16:50-17:40

Messages for the future

Oliver Eickeleberg, Maria Molina Molina

17:40-18:00

Discussions: **Demosthenes Bouros, Kerri Johansson**

18:00-19:00

Geoff Laurent Lecture

Moderators: **Rachel Chambers**

18:00-18:30

A scar is born

Gisli Jenkins

18:30-19:00

Discussions: **Rachel Chambers, Gisli Jenkins**

19:00-21:00

WELCOME RECEPTION

22nd International Colloquium on Lung and Airway Fibrosis



SUNDAY

13th October 2024

09:00-12:00

Fibroses Across Organ Systems

Moderators: **Antonis Chatzigeorgiou, Dean Sheppard, Sara Teichman**

09:00-09:30

Fibrosis: A circuit (or circus) of cells

Melanie Koeningshoff

09:30-10:00

Mechanisms regulating Airway Fibrosis/Remodeling

Geoffrey Chupp

10:00-10:30

Mechanisms regulating Cardiac Fibrosis

Rafael Kramman

10:30-11:00

Single cell multiomics of Kidney Fibrosis

Catalin Susztak

11:00-11:30

Mechanisms regulating of Intestinal Fibrosis

Florian Rieder

11:30-12:00

Mechanisms regulating Fibrosis in the Liver

Neil Henderson

12:00 -12:30

BREAK

12:30-14:00

Omics-based prediction of pulmonary fibrosis RCTs endpoints

Moderators: **Yasmina Bauer, Seamas Donnelly, Amanda Tatler**

Maria Molina Molina

12:30-12:50

Proteomic based prediction of Pulmonary Fibrosis Endpoints

Justin Oldham

12:50-13:00

Big Data and synthetic controls in ILDs

Andy Limper

13:00-13:20

Metabolomics

Brintha Selvarajah-Hayes

13:20-13:30

Gene expression profiles in circulating monocytes associated with Pulmonary Fibrosis development and mortality

Jose Herazo Maya

13:30-13:40

The Prolific Study

Peter Schafer

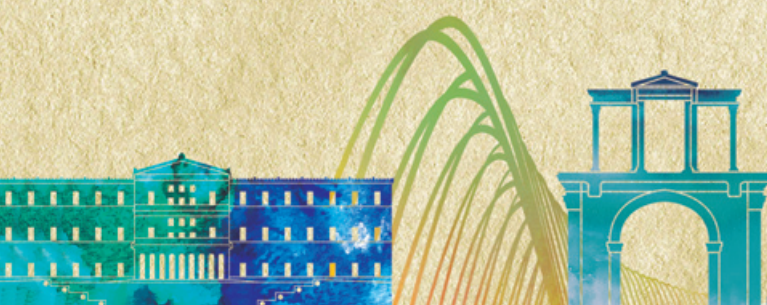
13:40-14:00

Pioneering Personalised Medicine in ILDs: a new era of biomarker-driven clinical trials?

Yasmina Bauer

14:00 -15:00

LUNCH BREAK



SUNDAY

13th October 2024

15:00-16:30 POSTER SESSION

16:30-17:57 **Health care disparities and environmental exposures in ILDs**

Moderators: **Gerard Cox, Kerri Johannson, Louise Wain**

16:30-16:50 Effects of race and ethnicity disparities on Pulmonary Fibrosis outcomes

Adegunsoye Ayodeyi

16:50-17:10 ILDs, air pollution and climate changes

Gillian Goobie

17:10-17:30 Exposome and ILDs

Cathryn Lee

17:30-17:50 Hypersensitivity Pneumonitis: An update

Rajan Sujeet

17:50-17:57 **OP 01** Long-Term Air Pollution Exposure is associated with increased severity of Idiopathic Pulmonary Fibrosis (IPF) in the IPF-PRO Registry

Coralynn Sack

17:57-18:40 **Dan Rose lecture: The “wholesome” approach for fibrotic ILD patients**

Chairing person: **Marlies Wijsenbeek**

17:57-18:05 Introduction

Marlies Wijsenbeek

18:05-18:35 Celebrating the Legacy of Dr Daniel Rose: Keeping the patients at the center of their journey with fibrotic ILD

Kathleen Lindell

18:35-18:40 Discussion: **Marlies Wijsenbeek, Karen Moor**

18:40-19:40 **Clinical trials in fibrotic ILDs**

Moderators: **Gisli Jenkins, Eirini Vasarmidi, Wim Wuyts**

18:40-19:00 Early stage clinical trials: An Update

Manuela Funke

19:00-19:20 Phase 3 RCTs: An Update

Sydney Montesi

19:20-19:40 Novel methodologies to improve ILD clinical trials

Ian Glaspole



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MONDAY

14th October 2024

- 08:40-09:47 Pulmonary Hypertension in ILDs**
Moderators: **Vincent Cottin, Pilar Rivera Ortega, Danielle Ozterkis**
- 08:40-09:00 Pulmonary vessels in fibrosis – more than a bystander
Martin Kolb
-
- 09:00-09:20 Current Treatment of PH-ILD- are we there yet?
David Montani
-
- 09:20-09:40 Scleroderma-ILD – endothelial cells in Limelight
Grazyna Kwapiszewska
-
- 09:40-09:47 **OP 02** Single Cell Transcriptional Changes in The Vascular Niche of Pulmonary Hypertension and Idiopathic Pulmonary Fibrosis Patients
Laura Fernandez
-
- 09:47-10:30 Andy Tager lecture**
Moderators: **Ana Mora, Mauricio Rojas**
- 09:47-10:00 Introduction
Ana Mora, Mauricio Rojas
-
- 10:00-10:30 Celebrating the Legacy of Dr Andy Tager
Naftali Kaminski
-
- 10:30-10:40 Discussion: **Ana Mora, Mauricio Rojas**
-
- 10:40- 12:40 POSTER SESSION**
-
- 12:40 -13:00 BREAK**
-
- 13:00- 15:00 POSTER SESSION**

TUESDAY

15th October 2024

- 09:00-10:10 **From Interstitial Lung Abnormalities to progressive fibrotic ILDs?**
Moderators: **Gunnar Gudmundsson, Venerino Poletti, Claudia Ravaglia**
- 09:00-09:20 ILAs time for action-Diagnosis and management
Sara Tomassetti
- 09:20-09:40 Treatment of early ILD
Ivan Rosas
- 09:40-10:00 Redefining progression in fibrotic ILDs
Janelle Pugashetti
- 10:00-10:10 The Proteomic Profile of Interstitial Lung Abnormalities
Rachel Putman
-
- 10:10-11:37 **Connective Tissue Disorders-associated ILDs: from bench to bedside**
Moderators: **Katerina Antoniou, Anna Maria Hoffmann, Petros Sfikakis**
- 10:10-10:30 Autoimmune lung injury. One size does not fit all. CTD-ILDs - different and same - A clinical and systems biology approach
Oliver Distler
- 10:30-10:50 Identification of clinical and biologic risk factors for disease progression in early and established forms of RA-ILD
Joyce lee
- 10:50-11:10 Immunomodulation or antifibrotics or both?
Elizabeth Renzoni
- 11:10-11:30 Exosomal modification in SSc-ILDs
Julien Guiot
- 11:30-11:37 **OP 03** Sex-specific differential gene expression in idiopathic pulmonary fibrosis (IPF) and connective tissue-related interstitial lung disease (CTD-ILD)
Aravind Menon
- 11:37-12:00 **BREAK**

22nd International Colloquium on Lung and Airway Fibrosis



TUESDAY

15th October 2024

12:00-13:27

Comorbidities of Pulmonary Fibrosis

Moderators: **George Margaritopoulos, Argyrios Tzouvelekis, Claudia Valenzuela**

12:00-12:20

Lung cancer
Sabina Guler

12:20-12:40

Sex and sexual function in patients with ILD
Kerri Johansson

12:40-13:00

GERD and cough
Zhe Whu

13:00-13:20

The role of Microbial metabolites in Pulmonary Fibrosis:
Cross talk between the Gut and Lung in IPF
Philippe Molyneaux

13:20-13:27

OP 04 Progressive oral dysbiosis is associated with clinical
outcomes in IPF
David O'Dwyer

13:27-15:30

LUNCH BREAK

15:30-17:00

POSTER SESSION

17:00-18:27

Metabolic disorders and novel models for lung fibrosis

Moderators: **Farrida Ahangari, Marilyn Glassberg, Patricia Sime, Amanda Tatler**

17:00-17:20

Endocrine growth factors in Lung Fibrosis
Bruno Crestani

17:20-17:40

Sex-related differences in animal models of Lung Fibrosis
Marilyn Glassberg

17:40-18:00

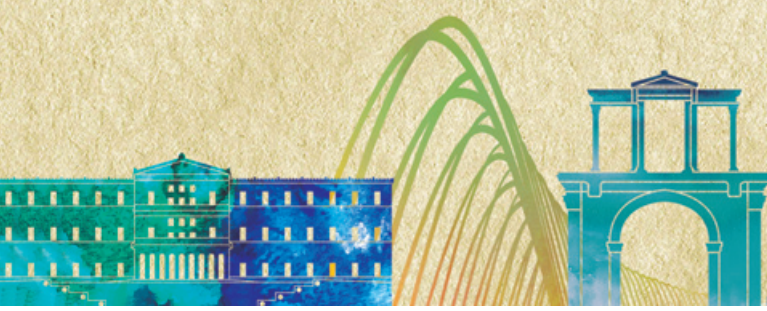
Towards lung regeneration: tools and mechanisms
Charlotte Dean

18:00-18:20

Perspectives on precision Lung cut slices as novel tools for
mechanistic and therapeutic approaches in Lung Fibrosis
Darcy Wagner

18:20-18:27

OP 05 Pyruvate metabolism dictates fibroblast sensitivity to
GLS1 inhibition during fibrogenesis
GREG Contento



TUESDAY

15th October 2024

18:27-18:40 BREAK

18:40-19:25 Artificial Intelligence imaging tools for ILD prognosis and theragnosis

Moderators: **Peter George, Christina Kalogeropoulou
Simon Walsh**

**18:40-18:55 Computer-based imaging analysis in ILDs
Anand Devaraj**

**18:55-19:10 More than Meets the Eye: Artificial Intelligence for Improved Radiologic Insights in Pulmonary Fibrosis
Stephen Humphries**

**19:10-19:25 A magic schoolbus into the lungs: EB-OCT for microscopic diagnosis and investigation in early ILD
Lida Hariri**

20:30-23:30 FAREWELL DINNER - AWARD CEREMONY



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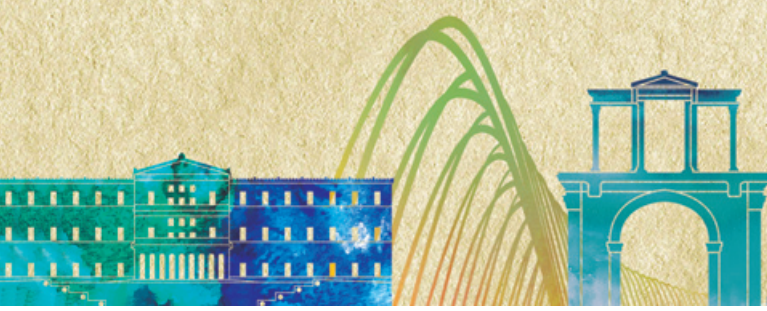


WEDNESDAY

16th October 2024

- 10:10-10:45** **Young investigator sessions - Advances on ILD research - from bench to bedside**
Moderators: **Jeff Horowitz, Steve Mutsaers, Antje Prasse**
- 10:10-10:20 From ILA to IPF, what do we learn from early disease and what should we target?
Aurellien Justet
-
- 10:20-10:30 About aberrant epithelial cells in lung fibrosis – an IPF, RAS, and PPF story
Jonas Schupp
-
- 10:30-10:37 **OP 06** Exploring the consequences of Surfactant Protein C mistrafficking in familial Interstitial Lung Disease using a Novel Alveolar Organoid Model
Jennifer Dickens
-
- 10:37-10:45 **OP 07** TFAM Deficiency in Alveolar Epithelial Type 2 Cells Leads to Spontaneous Lung Fibrosis in Mice Model
Qianjiang Hu
-
- 10:45-11:05 Lung Cell Transplantation for Pulmonary Fibrosis (Late breaking abstract)
Yair Reisner
-
- 11:05-11:59** **Immune cells and extracellular matrix**
Moderators: **Bethany Moore, Chris Scotton, Paul Wolters**
- 11:05-11:25 Role of macrophages and their interactions with AECs in lung fibrosis
Robert Tighe
-
- 11:25-11:32 **OP 08** The potential role of GPR87 as a novel therapeutic target in Pulmonary Fibrosis
Johad Khoury
-
- 11:32-11:52 B cells autoimmunity and IPF
Cecilia Prele
-
- 11:52-11:59 **OP 09** IPF Lung Macrophages are dysfunctional and contribute to the progression of disease
Miriam Hohmann





WEDNESDAY

16th October 2024

- 11:59-13:39** **Rare lung diseases - not so rare after all**
Moderators: **Cormac McCarthy, Baqir Misbah, Jay Ryu**
- 11:59-12:19** Cystic Lung disease
Cormac McCarthy
-
- 12:19-12:39** Alveolar proteinosis and lysosomal storage disease
Francesco Bonella
-
- 12:39-12:59** Pediatric ILD
Raph Epaud
-
- 12:59-13:19** Pulmonary Vasculitis
Baqir Misbah
-
- 13:19-13:39** “Bubbly lung”, a honeycombing variant with more favorable outcome
Vassilios Tzilas

WRAP UP - LUNCH AND DEPARTURES



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