

SCIENTIFIC PROGRAM

22nd International Colloquium on Lung and Airway Fibrosis



2024

ICLAF

GREECE

*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

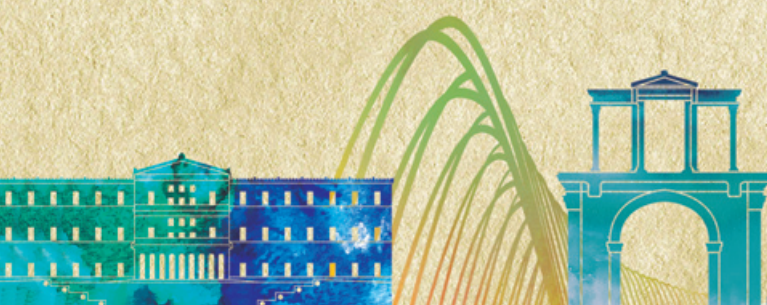


SUNDAY

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
Raphael 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, 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

16:30-18:00 **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

17:50-18:00 **OP 01** Long-Term Air Pollution Exposure is associated with increased severity of Idiopathic Pulmonary Fibrosis (IPF) in the IPF-PRO Registry

Coralynn Sack

18:00-18:40 **Dan Rose lecture: The “wholesome” approach for fibrotic ILD patients**

Chairing person: **Marlies Wijssenbeek**

18:00-18:05 Introduction

Marlies Wijssenbeek

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 Wijssenbeek, Karen Moor**

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

Moderators: **Toby Maher, 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

08:40-09:50 **Pulmonary Hypertension in ILDs**
Moderators: **Vincent Cottin, Pilar 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

09:40-09:50 **OP 02** Single Cell Transcriptional Changes in The Vascular Niche of Pulmonary Hypertension and Idiopathic Pulmonary Fibrosis Patients
Laura Fernandez

09:50-10:30 **Andy Tager lecture**
Moderators: **Ana Mora, Mauricio Rojas**

09:50-09:55 Introduction
Ana Mora, Mauricio Rojas

09:55-10:25 Celebrating the Legacy of Dr Andy Tager
Naftali Kaminski

10:25-10:30 Discussion: **Ana Mora, Mauricio Rojas**

10:30-12:30 **POSTER SESSION**

12:30 -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

10:10-11:35

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

11:30-11:35

OP 03 Sex-specific differential gene expression in idiopathic pulmonary fibrosis (IPF) and connective tissue-related interstitial lung disease (CTD-ILD)
Aravind Menon

11:35-12:00

BREAK

22nd International Colloquium on Lung and Airway Fibrosis



TUESDAY

15th October 2024

12:00-13:25

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

13:20-13:25

OP 04 Progressive oral dysbiosis is associated with clinical
outcomes in IPF

David O'Dwyer

13:25-15:30

LUNCH BREAK

15:30-17:00

POSTER SESSION

17:00-18:25

Metabolic disorders and novel models for lung fibrosis

Moderators: **Farrida Ahangari, 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

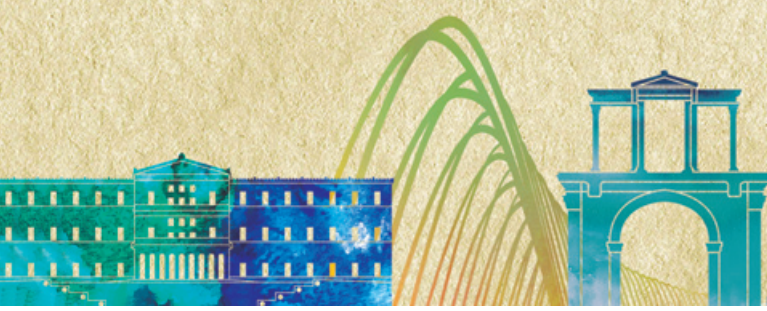
Perspectives on precision Lung cut slices as novel tools for
mechanistic and therapeutic approaches in Lung Fibrosis

Darcy Wagner

18:20-18:25

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

Greg Contento



TUESDAY

15th October 2024

18:25-18:40 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
Steven 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

10:10-10:50 **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?

Aurelien Justet

10:20-10:30 About aberrant epithelial cells in lung fibrosis – an IPF, RAS, and PPF story

Jonas Schupp

10:30-10:40 **OP 06** Exploring the consequences of Surfactant Protein C mistrafficking in familial Interstitial Lung Disease using a Novel Alveolar Organoid Model

Jennifer Dickens

10:40-10:50 **OP 07** TFAM Deficiency in Alveolar Epithelial Type 2 Cells Leads to Spontaneous Lung Fibrosis in Mice Model

Qianjiang Hu

10:50-12:10 **Immune cells and extracellular matrix**

Moderators: **Bethany Moore, Chris Scotton, Paul Wolters**

10:50-11:10 Role of macrophages and their interactions with AECs in lung fibrosis

Robert Tighe

11:10-11:30 **OP 08** The potential role of GPR87 as a novel therapeutic target in Pulmonary Fibrosis

Johad Khoury

11:30-11:50 Autoimmunity and Lung Fibrosis

Cecilia Prele

11:50-12:10 **OP 09** IPF Lung Macrophages are dysfunctional and contribute to the progression of disease

Miriam Hohmann

WEDNESDAY

16th October 2024

- 12:10-13:20** **Rare lung diseases - not so rare after all**
Moderators: **Elizabeth Bendstrup, Raphael Borie, Jay Ryu**
- 12:10-12:30** Cystic Lung disease
Cormac McCarthy
-
- Alveolar proteinosis and lysosomal storage disease
Francesco Bonella
-
- 12:30-12:50** Pediatric ILD
Raph Epaud
-
- 12:50-13:10** Pulmonary Vasculitis
Baqir Misbah
-
- 13:10-13:30** “Bubbly lung”, a honeycombing variant with more favorable outcome
Vassilios Tzilas

WRAP UP - LUNCH AND DEPARTURES



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