

# 3<sup>rd</sup> SHARE CONGRESS

## Science in Heraklion Awareness in Respiratory and Sleep Evolution

29 June - 2 July 2023

HERAKLION CRETE

HOTEL IBIS STYLES HERAKLION CENTRAL



RESPIRATORY RESEARCH SOCIETY UNIVERSITY OF CRETE

The **3<sup>rd</sup> SHARE Congress: Science in Heraklion Awareness in Respiratory and Sleep Evolution** is targeting to update medical doctors and researchers for the latest advancements of Respiratory and Sleep Breathing diseases. Our aim is to cover the current knowledge, with multidisciplinary discussions between Respiratory, Sleep, ICU and Primary Care Physicians, Rheumatologists, Cardiologists, Dermatologists, expert Radiologists, Internal Medicine physicians and Respiratory Nurses, in order to elucidate difficult for diagnosis and management clinical scenarios.

Moreover, novel methodology, such as tools for the invasive and noninvasive assessment of lung diseases such as COPD, Asthma, ILDs and Lung Cancer, along with the current knowledge across various forms of Sleep Breathing Disorders included the Non Invasive Ventilation use from the ward to ICU, will be presented by experts in the field. Novel advances regarding new drugs or compounds under investigation will be presented such as novel methodology dedicated to assessment of Respiratory and Sleep Breathing diseases.

The congress will provide the chance to medical doctors and professionals to meet Respiratory physicians experts in Respiratory and Sleep Medicine exchanging ideas, sharing experiences and developing the future in both clinic and research areas

#### Course Directors

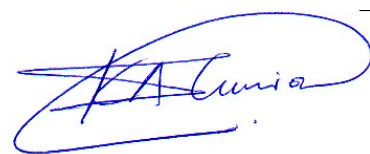
S. Schiza



N. Tzanakis



K. Antoniou



# SCIENTIFIC PRELIMINARY PROGRAM

**Thursday 29 June 2023**

## Registrations

**09:00 - 11:30 Research Seminar; from bench to bedside**

Chairs: K. Antoniou, E. Tsitoura

**09:00 - 09:30**

-A novel ATX inhibitor with dual action for the treatment of IPF: V. Aidinis

**09:30 - 10:30**

-SRC-mediated and TKS5-enabled podosome formation is an inherent property of IPF fibroblasts, promoting ECM invasion and pulmonary fibrosis: H. Barbagianni

-Circadian rhythm and Pulmonary Fibrosis: novel insights: E. Tsitoura

-The role of necroptosis in A549 cells transfected with surfactant A1 mutations: I. Tomos

**10:30 - 11:00 Coffee Break**

**11:00 - 11:30**

-How research ideas translate to treatments of fibrotic lung diseases: L. Wollin

**11:30 - 13:00 From PaP to NIV: indications, initiation, follow-up**

Chairs: S. Schiza, E. Zakyntinos, E.Kondili

-How to implement NIV in the ward: which patient to which mode: M Fanaridis

-PaP/NIV for SBD and the role of digital health towards PROM's , lessons we learned from studies used real world data: I. Bouloukaki

-The different approaches for NIV use in ICU: C Alexopoulou

**13:00 -14:00 Light lunch**

**14:00 - 15:30 Lung Echo in Respiratory Medicine**

Chairs: N. Xirouchaki, I. Kalomenidis, A. Proklou

-The value of Lung Echo on pleural effusions from diagnosis to medical thoracoscopy: I Kalomenidis

-Lung Echo in ICU: N. Xirouchaki

-Lung Ultrasound Surface Wave Elastography for Assesing Interstitial Lung Disease: the future? E. Drakonaki

-Case finding study in ILDs: E. Symvoulakis

-Rheumatic Diseases and Lung Echo: E.Vasarmidi

**15:30 – 16:00 Coffee Break**

## **16:00 – 17:00 Emerging Methodologies in Respiratory medicine**

**Chairs: K. Antoniou, N. Tzanakis, S. Schiza**

- Oscillometry:** D. Toumpanakis
- Breath Analysis in ILDs:** E. Tsitoura
- Genomic Classifier:** S. Tomassetti

## **17:00 – 18:30 Respiratory Medicine meets other disciplines**

**Chairs: G. Kochiadakis, E. Papadaki, K. Krasagakis**

- Cardiovascular consequences in Respiratory disorders from wakefulness to sleep:**  
E. Simantirakis
- The role of PET in Respiratory Diseases:** S. Koukouraki
- Eye involvement in Sarcoidosis:** S. Detorakis
- Psoriasis and lung involvement; around the clock:** S. Krüger

## **18:30 – 19:00 Keynote Lectures**

**Chair: N. Tzanakis**

- **Alpha-1 antitrypsin deficiency, still a challenge for the pulmonologist:** M. Miravitlles

## **19:00 – 20:30 New era in Lung Cancer**

**Chairs: I. Lambiri, S. Aggelaki, A karantanas**

- Radiotherapy and the Lungs:** M. Tolia
- Sleep disorders and cancer: a bidirectional relationship?:** A Pataka
- The patient's journey:** G. Hardavella

**Patient's Association "ΕΥ ΖΩ"**

M. Tolia, A. Tzanaki...

**WELCOME RECEPTION**

# Friday 30 June 2023

Welcome - Greetings: N. Tzanakis, S. Schiza, K. Antoniou

**08:30 - 10:00**

**Session 1: Airways & beyond**

Chairs: T. Vassilakopoulos, S. Schiza

- Personalizing medicine in COPD: N. Roche
- COPD- Obstructive Sleep Apnea Overlap Syndrome: the role of early diagnosis and of PaP initiation for better outcomes: J-L Pepin

**The grand debate:**

Chairs: A. Antoniou, P. Sidiropoulos

**Rheumatoid Arthritis: is it a lung disease?**

PRO: A.Tzouvelekis

CON: A. M. Hoffmann - Vold

**10:00 - 11:00**

**Keynote Lectures: COPD on the spot**

Chairs: N. Siafakas, A. Corlateanou, N. Tzanakis

- The evolving natural history of COPD: N. Roche
- Alpha-1 antitrypsin deficiency, still a challenge for the pulmonologist: M. Miravittles

**Grand Debate in COPD**

Chairs N. Tzanakis, N. Siafakas

**The role of ICS in COPD: Friend or foe?**

Friend: A. Papi

Foe: M. Miravittles

**11:00 - 11:30 Coffee Break**

**11:30 -12:00 Keynote Lecture**

Chairs: W. Randerath, S. Schiza

- Obesity and the Lung: M. Bonsignore

**12:00 - 13:30**

**Session 2: Various forms of Sleep Breathing Disorders**

Chairs: S. Schiza, J.-L. Pepin

- New era in OSA: K. Vlami
- What's new in OHS: P.Steiropoulos
- Opioid use and Central Sleep Apnea: M. Bonsignore
- 'Growing up with neuromuscular disease on NIV': A. Simonds



## **13:30 -14:00 Keynote Lecture**

Chair: S. Schiza

State of the Art in Central Sleep Apnea- CSB: W. Randerath

## **14:00 -15:00 Lunch Break**

**15:00 – 16:00**

## **Session 3: ILDs in Respiratory diseases and beyond**

Chairs: Z. Daniil, D. Papakosta, I. Lambiri

- Cancer & IPF; an emerging topic: D. Bouros
- ILAs: Red flags in ILDs: S. Tomassetti
- Diabetes and IPF: a bidirectional relationship? E. Xekouki

## **Invited Lecture**

Chairs: E. Vasarmidi, Z. Daniil

- Just breathe: a review of sex and gender in chronic lung disease: A. Gogali

## **16:00 - 16:30 Coffee Break**

## **16:30-18:00 Special Lectures**

Chairs: T. Kontakiotis, D. Bouros

Cryobiopsy in ILDs: big data: V. Poletti

Chairs: V. Poletti, K. Antoniou

UIP: is it a diagnosis?: A. Wells

Chairs: N. Tzanakis, S. Loukides

Challenging Dogma: Time to Move Away from FEV1: O. Usmani

**18:00 - 19:30**

## **Session 4: Unmet needs in PH-ILDs**

Chairs: A. Boutou, A. Wells

- Nocturnal Hypoxemia in ILDs: emerging data: G. Margaritopoulos
- New Guidelines in Pulmonary Hypertension: G.Pitsiou
- Phenotypes: I. Mitrouska

## **The grand debate:**

Chairs: K. Antoniou, A. Wells

“Early” Treatment with antifibrotics in Scleroderma Lung:

PRO: O. Distler

CON: A. M. Hoffmann - Vold

**19:30 - 20:00 Satellite lecture BI Satellite**

**20:00-20:30 Special Lecture/ Opening Ceremony**

**Chairs: N. Tzanakis, S. Schiza, K. Antoniou, K. Gourgoulianis**

**-Palliative care/End of Life work in chronic respiratory disease patients on ventilatory support: A. Simonds**

# Saturday 1 July 2023

**09:00 – 10:00**

## **Session 1: Infections**

**Chairs: D. Kofteridis, G. Hamilos**

- ERS/ESICM/ESCMID/ALAT guidelines for the management of severe community-acquired pneumonia (sCAP): N. Rovina
- The immunomodulatory effects of macrolide antibiotics in respiratory disease: P. Bakakos
- Difficult to treat respiratory infections (including TB): G. Hamilos

**10:00 – 11:30**

**Chairs: K. Antoniou, S. Schiza**

- The new era in Bronchiectasis; Inflammatory endotypes in bronchiectasis: S. Aliberti
- The Seven Pillars of small Airways Disease: O. Usmani
- Biologics in COPD?: A. Papi

**11:30 - 12:00 Coffee Break**

**12:00 - 13:00 satellite symposium**

**13:00 - 13:30 satellite lecture**

**13:30 – 14:30 Satellite Symposium**

**14:30 - 16:00 Lunch Break**

**16:00 – 17:00**

**Chairs: N. Tzanakis, A. Simonds, W. Randerath**

- Insomnia in Respiratory Diseases: is it worth it to be evaluated?: M. Basta
- Sleep breathing Diseases in Obstructive & Restrictive Diseases: C. Mermigkis
- New metrics in OSA severity classification: E. Kondili

**17:00 – 17:30**

**Chair: S. Schiza**

**The role of Real World Data in Sleep breathing disorders related to CVD outcomes:**  
J.-L. Pepin

**17:30 - 18:00 Coffee Break**



**18:00 - 18:30**

**Special Lecture**

Chairs: N. Tzanakis- E. Kosmas

Challenges around inhalation therapy in asthma and COPD: N. Roche

**18:30 - 19:30**

**Asthma: From pathogenesis to treatment**

Chairs: S. Loukides, P. Bakakos

- Allergic rhinitis and Nasal eosinophilia: what's new? A. Papaioannou
- Triple therapy in Asthma: is it enough?: G. Hillas
- Identification and treatment of T2-low asthma in the era of biologics: K. Kostikas
- Phase 3 Trials in Asthma: novel drugs or novel techniques?: K. Porpodis

**19:30 - 20:00**

**GRAND DEBATE: Antifibrotics in all stages in SSC-ILD**

Chairs: K. Antoniou, A. M. Hoffman-Vold

Pro: Oliver Distler

Con: Athol Wells

**20:30 - 21:00 Keynote Lecture**

Chairs: K. Antoniou, S. Schiza

- Aspects of Quality of life in lung cancer care: ERS Guidelines: J.Chorostowka

# Sunday 2 July 2023

**09:00 – 10:30**

## **Session 1: Primary Care & Respiratory Medicine**

**Chairs:** G. Meletis, A. Damianaki, E. Ferdoutsis

**Cases presentation:** E. Vakouti, S. Vittorakis, E. Vlachaki, A. Solakis, C. Protopapadakis, M. Varoucha, E. Argiana, O. Voulgaraki, E. Michelaki

**10:30 - 11:00**

**Chairs:** K. Antoniou, A. M. Hoffmann-Vold

**IPAF? Is it a Clinical Diagnosis?**

**PRO:** S. Tomassetti

**CON:** A. Wells

**11:00 - 11:30 Special Lecture:**

**Chairs:** A. Wells, D. Bouros

**Lymphoproliferative diseases of the Lung:** V. Poletti

**11:30 - 12:00**

## **Session 2: Novel insights in ILDs**

**Chairs:** A. Wells, K. Antoniou

**-CTD-ILD and the ERS-EULAR Guidelines:** O. Distler

**-EULAR and Respiratory Medicine: novel insights:** A.M. Hoffmann-Vold

**12:00 - 12:30 Coffee Break**

**12:30 - 14:00**

## **Session 3: Primary Care and Respiratory Medicine**

**Chairs:** N. Tzanakis, C. Lionis

**-Asthma in Primary Care;**

**PRO:** I. Tsiligianni

**CON:** I. Bouloukaki

**- Frailty and Chronic Respiratory Diseases:** E. Symvoulakis

**- The emerging role of Occupational Medicine:** E. Nena

## FACULTY

Aggelaki S	Professor of Medical Oncology, Medical School, University of Crete
Aidinis V	PhD, Researcher A, Biomedical Sciences , Alexander Fleming Center, Athens
Alexopoulou C	Consultant in Intensive Care Unit, University Hospital of Heraklion, Greece
Aliberti S	Professor in Respiratory Medicine, University of Milan, Italy
Antoniou K	Professor of Respiratory Medicine, University of Crete, Molecular & Cellular Pneumonology Laboratory, Department of Respiratory Medicine, University Hospital of Heraklion, Greece, ERS Assembly 12 Head
Bakakos P	Professor of Pulmonology, National and Kapodistrian University of Athens
Barbagianni H	Biomedical Sciences Researcher, Alexander Fleming Center, Athens
Basta M	Associate Professor of Psychiatry, Medical School, University of Crete
Bonsignore M R	MD, FERS, Associate Professor in Respiratory Medicine,PROMISE Dept, University of Palermo, Palermo, Italy
Bouloukaki I	MD, PhD, Primary Care Consultant in the Greek NHS, Somnologist, Expert in Sleep Medicine, Sleep Disorders Center, Department of Respiratory Medicine, University of Crete
Bouros D	MD, PhD, FERS, FAPSR, FCCP, Emeritus Professor of Pneumonology at the National and Kapodistrian University of Athens,
Boutou A	Consultant of Respiratory Medicine, "G. Papanikolaou" General Hospital of Thessaloniki
Chorostowska J	Professor, MD PhD DSc Head of Department of Genetics and Clinical Immunology, National Institute of Tuberculosis and Lung Diseases,Past Secretary General of the European Respiratory Society 2019-2022
Corlateanou A	MD, PhD, Dr. habil., Professor, Head of Department of Pneumology and Allergology, Nicolae Testemitanu State University of Medicine and Pharmacy, Chisinau, Moldova
Damianaki A	Pulmonologist MD, MSc, PhD Head of Pulmonary and Sleep Medicine Department, General Hospital of Chania, Crete
Daniil Zoe	Professor in Respiratory Medicine, Department of Respiratory Medicine, (University Hospital of Larissa, Greece), Faculty of Medicine, School of Health Sciences, University of Thessaly, Larissa - Greece
Detorakis E	Professor of Ophthalmology, Medical School, University of Crete
Distler O	Professor of Rheumatology, University of Zurich, Head of the Department of Rheumatology at the University Hospital Zurich, Switzerland
Drakonaki E	MD, PhD, PostDoc, EDiMSK, Clinical Radiologist, Assistant Professor in Anatomy, Medical School, University of Crete
Fanaridis M	Consultant of Respiratory Medicine, University Hospital of Heraklion, Crete
Ferdoutsis E	Consultant of Respiratory Medicine, "Venizeleio" Hospital, Heraklion, Crete
Gogali A	MD, PhD, Consultant in Respiratory Medicine, University Hospital of Ioannina, Greece
Gourgoulianis K	Professor of Respiratory Medicine, Medical School, University of Thessaly, Head of the Clinic of Respiratory, University of Thessaly
Hamilos G	Associate Professor of Professor of Clinical Microbiology – Microbial Pathogenesis, Medical School, University of Crete
Hardavella G	MD, MSc, PhD, Consultant Chest Physician, Chest Diseases Hospital "Sotiria", Athens
Hillas G	MD, PhD, Consultant in Respiratory medicine, 5th Pulmonary Department, "Sotiria" Chest Diseases Hospital, Athens, Greece, Coordinator - COPD Working Group, HTS
Hoffmann-Vold A M	Head of the strategic area of inflammatory and fibrotic diseases, Oslo University Hospital (OUH), Oslo, Norway
Kalomenidis I	Associate Professor of Respiratory Medicine, Medical School, University of Athens, "Evangelismos" Hospital, Athens
Karantanas A	Professor of Radiology, University of Cret, Chair "Dpt of Medical Imaging, Heraklion University Hospital
Kochiadakis G	Professor of Cardiology, Medical School, University of Crete
Kofteridis D	MD, PhD, Professor of Internal Medicine - Infections Diseases, Medical School, University of Crete

Kondili E	Professor of Intensive Care Medicine, Medical School, University of Crete
Kontakiotis Th	Professor of Respiratory Medicine and Director of Respiratory Medicine Department, Aristotle University of Thessaloniki, Greece
Kosmas E	MD, PhD, FCCP, Scientific Director, Athens Lung Institute, Director of Department of Respiratory Medicine & Head of Pneumology Section, Metropolitan Hospital, Athens, Greece
Kostikas K	Professor of Respiratory Medicine, University of Ioannina, Head Respiratory Medicine Department, University Hospital of Ioannina, Greece
Koukouraki S	Professor of Nuclear Medicine, Medical School University of Crete
Krasagakis K	Professor of Dermatology, Medical School, University of Crete
Krüger S	Associate Professor of Dermatology, Medical School, University of Crete
Lambiri I	Consultant of Respir. Medicine, University Hospital of Heraklion
Lionis C	Professor of General Practice and Primary Health Care at the School of Medicine, Head of the Clinic of Social and Family Medicine, University of Crete
Loukides S	Respiratory Medicine National and Kapodistrian University of Athens Medical School, 2 <sup>nd</sup> Respiratory Department, Attiko University Hospital. President HTS.
Margaritopoulos G	Consultant Respiratory Physician. Clinical Lead for ILD at London North West Healthcare NHS Trust. Honorary Senior Lecturer, University of Manchester. ERS Assembly 12 (ILD) LRP Committee member
Meletis G	Consultant of Respiratory Medicine, Head of Respiratory Department, "Venizeleio" Hospital, Heraklion, Crete
Mermigkis C	MD, PhD, Pulmonologist, Head of Heryny Dunant Sleep Disorders Center, Board Certified Sleep Specialist
Miravittles M	Professor of Respiratory Medicine, University Hospital Vall d' Hebron, Department of Pneumology MD, FERS
Mitrouska I	MD, PhD, MSc, Consultant Respiratory Physician, University Hospital of Heraklion, Crete
Nena E	MD, PhD is Associate Professor of Social and Occupational Medicine, Medical School of Democritus University of Thrace, Head of the Laboratory of Social Medicine
Papadaki E	Professor of Hematology, Medical School, University of Crete
Papaioannou A	Assistant Professor in respiratory Medicine, 2nd Respiratory Medicine Department, Attikon Hospital, Athens Greece
Papakosta D	Professor of Pneumology - Lung Immunology, Head of Pulmonary Department, Aristotle University of Thessaloniki, G. Papanikolaou Hospital, 570 10 Exochi, Thessaloniki
Papi A	Professor of Respiratory Medicine, Medical School, University of Ferrara, Italy
Pataka A	Associate Professor of Respiratory Medicine and Sleep Disorders. Aristotles University Thessaloniki, Respiratory Failure Unit G Papanikolaou Hospital Thessaloniki
Pepin J - L	Professor of Clinical Physiology at UGA. Head of the Clinic of Physiology, Sleep and Exercise at Grenoble University hospital
Pitsidianakis G	Consultant of Respir. Medicine University Hospital of Heraklion
Pitsiou G	Professor of Respiratory Medicine - head Department of Respiratory Failure, General Hospital of Papanikolaou, Aristotles University of Thessaloniki
Poletti V	Professor in the department of respiratory medicine at La Sapienza University, Italy
Porpodis K	Assistant Professor of Respiratory Medicine, Aristotle University of Thessaloniki, Greece
Randerath W	Professor and Medical Director Bethanien Hospital, Solingen Clinic of Pneumology and Allergology, Center for Sleep Medicine and Respiratory Care, Medical Director Institute Of Pneumology at the University of Cologne, DE
Roche N	MD, Ph.D., Professor of Respiratory Medicine at Paris Descartes University, and the Department of Respiratory and Intensive Care Medicine, Cochin-Broca-Hotel-Dieu Hospital Group, Paris, France
Rovina N	Assistant Professor of Pulmonary and Critical Care Medicine of National and Kapodistrian University of Athens, Athens

Schiza S	Professor of Respiratory-Sleep Medicine, University of Crete, Head, Unit of Sleep Disorders, Department of Respiratory Medicine, University Hospital of Heraklion, Secretary, ERS Assembly 4: Sleep disordered breathing, Heraklion, Crete
Siafakas N	Professor Emeritus of Respiratory Medicine, University of Crete, Heraklion, Crete
Sidiropoulos P	Professor of Rheumatology, University of Crete, Medical School, Head of Rheumatology Clinic
Simantirakis E	Professor of Cardiology, Medical School, University of Crete
Simonds A	Professor Emeritus of Respiratory and Sleep Medicine, NHLI, Faculty of Medicine Imperial College London
Steiropoulos P	Associate Professor in Pulmonology, Head of the Department of Pulmonology, Medical School, Democritus University of Thrace, Greece
Symvoulakis E	Assistant Professor of Primary Care Medicine, University of Crete, Greece
Tomassetti S	Professor in the department of respiratory medicine at La Sapienza University, Italy.
Tomos I	Pulmonologist, 2nd Respiratory Medicine Dept, "Attikon" University Hospital, Chaidari, Athens
Toumpanakis D	Pulmonologist - Intensivist, 4th Respiratory Clinic, General Hospital for Thoracic Diseases of Athens "Sotiria", Greece
Tsiligianni I	Associate professor in General Practice and Public Health, Faculty of Medicine, University of Crete.
Tsitoura E	Post-Doctoral Researcher Laboratory of Molecular and Cellular Pneumology Medical School University of Crete
Tzanakis N	Professor of Respir. Medicine, Medical School, University of Crete
Tzouvelekis A	MD, PhD, MSc Associate Professor of Internal and Respiratory Medicine, Head Department of Respiratory Medicine, University of Patras, Greece
Usmani O	MB BS, PhD, FHEA, FRCP, FERS, Professor of Respiratory Medicine (NHLI), Imperial College London & Consultant Physician at the Royal Brompton Hospital (RBH) and St Mary's Hospital London, UK
Vasarmidi E	MD, MSc, PhD, Pulmonologist, Department of Respiratory Medicine and Laboratory of Molecular & Cellular Pneumology, School of Medicine, University of Crete
Vassilakopoulos Th	Professor of Respiratory Medicine, Medical School, National and Kapodistrian University of Athens
Vlami K	MD MSc, Expert in Sleep Medicine, Head of the Sleep Unit of the 2nd Pulmonary Department National and Kapodistrian Univ. of Athens Attikon General Hospital
Wells A	Professor, Consultant Chest Physician, Royal Brompton Hospital and Imperial College London, UK
Wollin S L	Senior Principle Scientist, Biology Pharmacology & Respiratory Diseases
Xekouki P	Assistant professor of endocrinology, Medical School, University of Crete
Xirouchaki N	Consultant in Intensive Care Unit, University Hospital of Heraklion, Greece
Zakynthinos E	Professor of Critical Care Medicine, School of Medicine, University of Thessaly, Head of the Critical Care, Department of the University Hospital, Larissa