



**Brochor  
Scientific program**

**5<sup>th</sup>**

# Pulmonary Hypertension & Pulmonary Vascular Diseases

International Congress | **VIRTUAL** 28-30 June 2023

**5<sup>th</sup>** Pulmonary Hypertension & Pulmonary Vascular Diseases   
International Congress / VIRTUAL 28-30 June 2023



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Iranina Society of Pulmonology



PVRI  
Pulmonary Vascular  
Research Institute



PVDsummit  
Tabriz University of  
Medical Sciences



Tabriz University of  
Medical Sciences



Iranian Heart  
Association



IRANIAN SOCIETY  
of Heart Failure



انجمن نانوآلواند  
NANOALVAND



Iranain  
Society of  
Pulmonology



Iranian Pulmonary  
Hypertension  
Association

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# Preface



**Khalil Ansarin, MD,  
FCCP**

- Chairman of 5th conference of Pulmonary Vascular Diseases
- Professor of Pulmonology & Critical Care Medicine
- Chair of Department of Pulmonology, Tabriz University of Medical Sciences

Tabriz, Iran 📍

## Dear Colleague

President, Fifth Pulmonary Vascular Diseases Summit

The fifth pulmonary vascular diseases meeting is going to be held from 30-28 June 2023 Virtually on behalf of Tuberculosis and Lung diseases Research Center of Tabriz university of Medical Sciences and Iranian society of Pulmonology. This meeting will be held with collaboration of Iranian society of Heart Failure.

This new upcoming meeting is going to deal with recent

advances and issues on prevention, medical treatments as well as invasive and semi-invasive surgical procedures for treatment of pulmonary hypertension. Considering the need for additional therapeutic armamentarium in pulmonary vascular disease and global ambition and ever-expanding effort dedicated to exploring new horizons in the field and also recent developments in the medical and surgical therapies for this disease I am confident and hopeful again this meeting would provide a great opportunity for all of us to exchange the experiences in this field of medicine and will help to promote the quality of care for patients inflicted by these illnesses.

It is a pleasure for all of us to extend our gratitude and welcome to all participants coming from all over the world to make this opportunity possible. We hope this meeting will be very informative in advancing our views on the nature and different aspects and also the means of dealing with pulmonary vascular diseases and will help in further facilitate the communication of the scientist interested in this field.



**Tabriz Imam Reza Hospital**





# Memories

**5<sup>th</sup>** Pulmonary Hypertension & Pulmonary Vascular Diseases  
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Tabriz / El Gole



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# Committee



**Khalil Ansarin, MD, FCCP**

**Chairman of 5th conference of Pulmonary Vascular Diseases**  
 Professor of Pulmonology & Critical Care Medicine  
 Chair of Department of Pulmonology, Tabriz University of Medical Sciences  
 Tabriz, Iran 📍



**Farid Rashidi, MD**

**Scientific Secretary of 5th conference of Pulmonary Vascular Diseases**  
 Pulmonologist & Director of PVD program of Iranian society of Pulmonology  
 Tabriz University of Medical Sciences  
 Tabriz, Iran 📍



**Mostafa Ghaneei, MD**

Professor of Pulmonology & Critical Care  
 President of Iranian society of Pulmonology  
 Baghiatollah University of Medical Sciences  
 Mashhad, Iran 📍



**Rezayat Parvizi, MD**

Professor of Cardiac surgery  
 Tabriz University of Medical Sciences  
 Tabriz, Iran 📍



**Majid Malekmohammad, MD**

Pulmonologist & Intensivist  
 Shahid Beheshti University of Medical Sciences  
 Tehran, Iran 📍



**Nasim Naderi, MD**

Cardiologist, Fellowship of Heart Failure  
 President of Iranian society of Heart Failure  
 Iran University of Medical Sciences  
 Tehran, Iran 📍



**Ali Taghizadieh, MD**

Professor of Pulmonology & Intensive care medicine  
 Tabriz University of Medical Sciences  
 Tabriz, Iran 📍



**Haleh Mikaeili, MD**

Pulmonologist & Intensivist  
 Tabriz University of Medical Sciences  
 Tabriz, Iran 📍



**Babak Sharifkashani, MD**

Cardiologist, Fellowship of Heart Failure  
 Shahid Beheshti University of Medical Sciences  
 Tehran, Iran 📍



**Ramin Sami, MD**

Pulmonologist & Intensivist  
 Isfahan University of Medical Sciences  
 Isfahan, Iran 📍



**Hanieh Raji, MD**

Pulmonologist & Intensivist  
 Jondishapoor University of Medical Sciences  
 Ahvaz, Iran 📍



**Hosein Zargha-Ahmadi, MD**

Cardiac surgeon  
 Shahid Beheshti University of Medical Sciences  
 Tehran, Iran 📍



**Parham Sadeghipoor, MD**

Interventional Cardiologist  
 Iran University of Medical Sciences,  
 Tehran, Iran 📍



**Yaser Jenab, MD**

Interventional Cardiologist  
 Tehran University of Medical Sciences  
 Tehran, Iran 📍



**Niusha Kalami, MD**

Pulmonologist & Intensivist  
 Tabriz University of Medical Sciences  
 Tabriz, Iran 📍



**Hooriah Shojan, MD**

Pulmonologist & Intensivist  
 Tabriz University of Medical Sciences  
 Tabriz, Iran 📍





Persian Golf /Kish / Greek Ship



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# Faculties



**Prof. Paul Hassoun, MD**

Pulmonologist, Professor of Medicine,  
Director of PH program of **Johns Hopkins**,  
Baltimore, US



**Prof. Richard Channick, MD**

Pulmonologist, Professor of Medicine,  
Director of PVD Program of **UCLA**,  
California, US



**Nick H. Kim, MD**

Professor of Medicine  
Pulmonologist, Director of CTEPH Program  
University of California San Diego  
California, USA



**Prof. Anton Vonk Noordegraaf, MD**

Full Professor & Chair, Division of  
Pulmonary Sciences,  
**Director** of PVD Program of **ERS**  
Amsterdam, Netherlands



**Prof. Harssin Faber, MD**

Pulmonologist, Professor of medicine  
**Director** of PVD Program of  
**Tufts Medical Center**  
Boston- US



**David Jenkins, MD, PhD**

Professor of Cardiothoracic Surgery  
Chair of CTEPH Program of **Cambridge**  
Cambridge-UK



**Aaron Waxman, MD, PhD**

Pulmonologist & Intensivist  
Director of PVD Program of Harvard  
Medical School  
Boston, US



**Prof. Menno Huisman, MD, PhD**

Professor of Medicine,  
**Co. Author of Last PE Guideline**  
General internal medicine, vascular medicine  
Leiden university  
Netherlands



**Gustavo Heresi, MD, FCCP**

Pulmonologist, Director of PH Program of  
**Cleveland Clinic**  
Cleveland, US



**Prof. Adam Torbicki, MD, PhD**

Cardiologist, head of cardiovascular and  
pulmonary thromboembolic disease  
**Co. Author of last PE Guideline**  
Poland



**Prof. Cecilia Becattini, MD**

**Co. Author of last PE Guideline**  
Professor of Internal Medicine at the  
University of Perugia  
Italy



**Prof. Stefano Ghio, MD**

Professor of Cardiology,  
Head of Heart Failure and Pulmonary  
Hypertension Unit  
Pavia, Italia





**Prof. Farbod Nicholas Rahaghi , MD, Ph.D**

Pulmonologist and intensivist, professor of medicine at the Brigham and Women's Hospital, **Harvard- US**



**Prof. Irene M. Lang, MD**

Clinical Cardiologist  
Professor of Vascular Biology  
**Vienna, Austria**



**Frashad Modari, MD, PhD**

Clinical Associate Professor, Rad/Nuclear Medicine  
**Stanford-US**



**Prof. Cihangir Kaymaz, MD, FESC**

Cardiologist, Professor of Medicine  
Professor in the Department of Cardiology at the Ko uyolu Heart Education and Research Hospital, **Istanbul, Turkey**



**Prof. Serdar Kuchukoglo, MD**

Cardiologist, Professor of Medicine  
The Chairman of the Turkish Pulmonary Vascular Research Association  
**Turkey**



**Prof. Takeshi Ogo, MD, Ph.D**

Cardiologist, Professor of Medicine, Director of Advance Medicine in PH  
**Osaka- Japan**



**Prof. Bedrettin Yildezeli MD**

Cardiothoracic Surgeon, Professor of Medicine  
Thoracic Surgery, Faculty of Medicine, Marmara University; **Istanbul-Turkey**



**Prof. Hacer Ceren, MD**

Cardiologist  
Interventional radiology and cardiovascular disease  
**Turkey-Istanbul**



**Luca Valerio, MD, Ph.D**

Center for Thrombosis and Hemostasis, University Medical Center of the Johannes Gutenberg University, **Mainz, Germany**





Shiraz / Vakil Mosque



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## Scientific Program

Scientific Program of 5th International Pulmonary Vascular Diseases Meeting

18:55-19:00 Opening Ceremony

### 19:00-20:50 Session 1 / PAH

Chairpersons //

Moderator: **Hale Mikaeili**

Discussants: **Sedigheh Hantoushzadeh / Majid Malekmohammad / Nasim Naderi**

Assessing Risk in Pulmonary Aterial Hypertension: What We Know?

19:00 - 19:20 **Harison Farber - US**

Upfront and Sequential Combination Therapies in PAH

19:20 - 19:40 **Cihangir Kaymaz - Turkey**

Pregnancy and Contraception in Pulmonary Hypertension

19:40 - 20:00 **Hacer Ceren - Turkey**

Diagnostic Work up of PAH

20:00 - 20:20 **Anton Vonk Noordegraaf - Netherland**

 Panel Discussion  
20:20 - 20:50

 Coffee Break  
20:50 - 21:00

### 21:00-23:00 Session 2 / Diagnosis Methods

Chairpersons //

Moderator: **Hamidreza Pooraliakbar**

Discussants: **Babak Mahmoodian / Kazem Tarzamani/Azin Alizadeh**

The Role of Imaging in Diagnosis and Treatment of PH

21:00 - 21:20 **Farbod Rahaghi - US**

Echocardiography in Screening, Diagnosis and Follow-up of Pulmonary Hypertension

21:20 - 21:40 **Stefano Ghio - Italia**

Advanced Imaging in Pulmonary Embolus and Chronic Thromboembolic Disease

21:40 - 22:00 **Farbod Rahaghi - US -Boston**

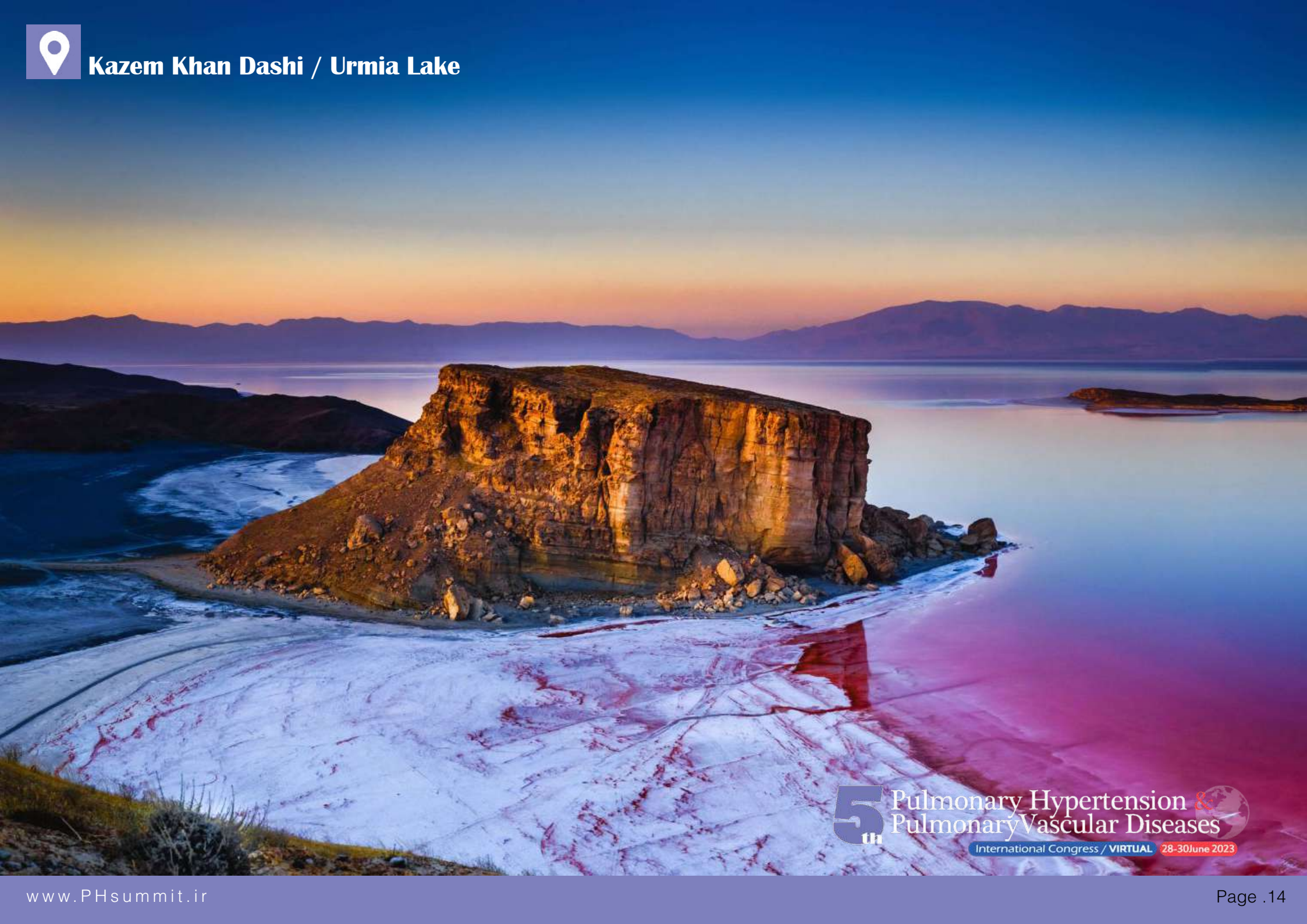
Pulmonary scintigraphy and Molecular Imaging in Pulmonary Hypertension and Thromboembolic Disease

22:00 - 22:20 **Frashad Moradi - US**

 Panel Discussion  
22:20 - 22:45



# Kazem Khan Dashi / Urmia Lake



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Thursday, 29 June 2023

## Scientific Program

Scientific Program of 5th International Pulmonary Vascular Diseases Meeting

### 17:00-19:00 Session 3 / Challenges Facing Tertiary PH Centers

Chairpersons //

Moderator: **Babak Sharif Kashani**

Discussants: **Farveh Vakilian / Shima Minaie / Marjan Haj Ahmadi**

Facing symptomatic IPAH patients with severe RV failure

17:00 - 17:15 **Maryam Chenaghloou - Iran**

Complications facing long term surviving patients / Connective Tissue disease

17:15 - 17:30 **Nasim Naderi - Iran**

Complications facing long term surviving patients / Hemolytic anemias

17:30 - 17:45 **Naghmeh-Ziaie - Iran**

Complications facing long term surviving patients / Non cardiac surger

17:45 - 18:00 **Mohammadreza Taban - Iran**

Complications facing long term surviving patients / Pregnancy

18:00 - 18:15 **Marzieh Mirtajaddini - Iran**

Complications facing long term surviving patients / Hemoptysis

18:15 - 18:30 **Arezoo Mohammadifar - Iran**

 Panel Discussion  
18:30 - 18:45

 Coffee Break  
18:45 - 19:00

### 19:00-20:45 Session 4 / Cahlengig Cases

Chairpersons //

Moderator: **Haniah Raji**

Discussants: **Jalal Etemadi / Farid Rashidi**

Challenging CTEPH case

19:00 - 19:15 **Hoda Gharouie - Iran**

Challenges in Chronic Throbmoembolic Pulmonary Hypertension diagnosis

19:15 - 19:30 **Arezoo Mohammadifar - Iran**

PAH Patient with atrial flow regulator (AFR)

19:30 - 19:45 **Shima Yarmohammadi - Iran**

Patient with PH secondary to Sleep Hypoventilation

19:45 - 20:00 **Mohammad Mirzaaghazadeh - Iran**

Patient with PH and massive Hemoptysis

20:00 - 20:15 **Farid Rashidi - Iran**

 Panel Discussion  
20:15 - 20:45

 Coffee Break  
20:45 - 21:00

## Scientific Program

Scientific Program of 5th International Pulmonary Vascular Diseases Meeting

21:00-22:45 **Session 5 / PAH**

Chairpersons //

Moderator: **Mehrnaz Asadi**

Discussants: **Serdar Kuchukoglo / Ramin Saami / Zahra Kiaei**

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Hemodynamic Assessment in Pulmonary Hypertension: Tricks of the Trade

21:00 - 21:20 **Richard Channick-US**

Role of CPET in diagnosis and management of Pulmonary Hypertension

21:20 - 21:40 **Aaron Waxman-US**

Unique aspects of scleroderma-associated pulmonary hypertension

21:40 - 22:00 **Paul Hassoun- US**

Advances in the management of pulmonary hypertension with interstitial lung disease

22:00 - 22:20 **Aaron Waxman-US**

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 Panel Discussion  
22:20 - 22:45

**Maranjab Desert / Kashan**







Uraman / Kordestan



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## Scientific Program

Scientific Program of 5th International Pulmonary Vascular Diseases Meeting

### 17:00-18:45 Session 6 / PE

Chairpersons //

Moderator: **Yaser Jenab**

Discussants: **Abolhasan Halvani / Azita Talasaz**

Management of low-risk Pulmonary embolism

17:00 - 17:20 **Menno Huisman-Netherland**

Anticoagulation after acute PE: when to stop and when to continue anticoagulation

17:20 - 17:40 **Cecilia Becattini -Italia**

Cardiopulmonary rehabilitation in pulmonary embolis

17:40 - 18:00 **Luca Valerio-Germany**

Brief review of major changes in the ESC/ERS brief Guideline, Focus on CTEPH

18:00 - 18:20 **Adam Torbicki- Poland**

 Panel Discussion  
18:20 - 18:45

 Coffee Break  
18:45 - 19:00

### 19:00-20:45 Session 7 / CTEPH

Chairpersons //

Moderator: **Farid Rashidi**

Discussants: **Rezayat Parvizi / Zargam Ahmadi / Betretin Yildizali**

CTEPH: need for a multidisciplinary team approach

19:00 - 19:20 **Nick Kim- USA**

Role of PEA in the management of CTEPH

19:20 - 19:40 **David Jenkins-UK**

Evolving concepts in CTEPH diagnosis and management

19:40 - 20:00 **Gustavo Heresi-US**

Current status of BPA in CTEPH

20:00 - 20:20 **Takeshi Ogo- Japan**

 Panel Discussion  
20:20 - 20:45

 Coffee Break  
20:45 - 21:00





## Scientific Program

Scientific Program of 5th International Pulmonary Vascular Diseases Meeting

21:00-22:45 **Session 8 / PE**

Chairpersons //

Moderator: **Parham Sadeghipoor**

Discussants: **Mohammadreza Ghaffari / Mohammad Hadi Mansouri**

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Pulmonary embolism in pregnant patients- diagnosis and treatment

21:00 - 21:20 **Menno Huisman - Netherland**

Current Management of High and Intermediate Risk of Pulmonary Embolism

21:20 - 21:40 **Irena Lang - Austria**

Current Status in Percutaneous acute PE treatments

21:40 - 22:00 **Cihangir Kaymaz - Turkey**

Course and determinants of long-term quality of life after pulmonary embolism

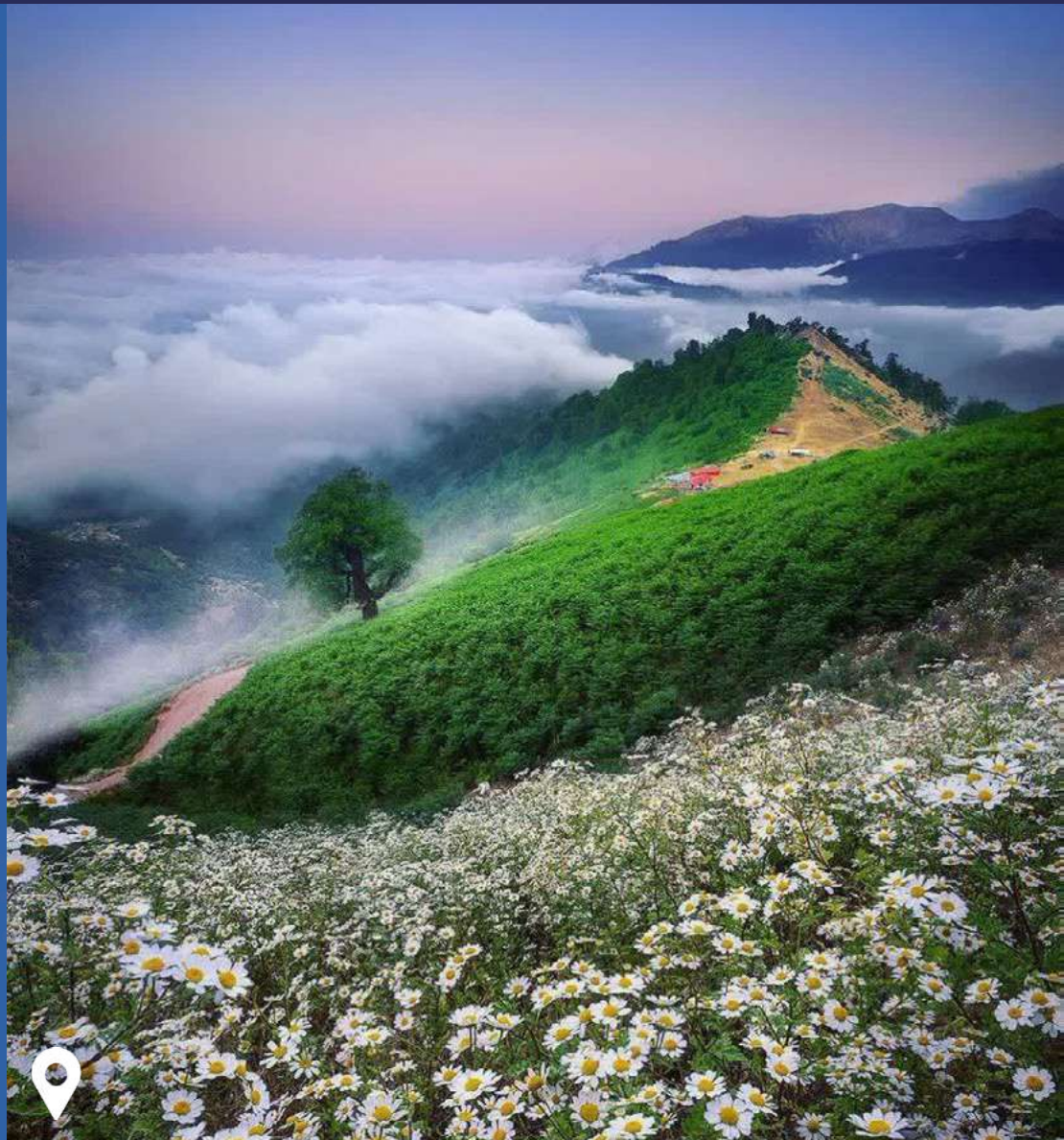
22:00 - 22:20 **Luca Valerio - Germany**

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 Panel discussion and Closing Ceremony

22:20 - 22:45

**Masal / Gilan**



**Medicine considers the human body as  
to the means by which it is cured and  
by which it is driven away from health.**

Avicenna



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