

# SAPH2024

THE 17<sup>TH</sup> ANNUAL CONFERENCE OF  
THE SAUDI ASSOCIATION FOR PULMONARY HYPERTENSION

15-17 FEBRUARY 2024 | RIYADH MARRIOTT HOTEL, KSA

ORGANIZED BY:



IN COLLABORATION WITH:



WITH PARTICIPATION FROM:



## SCIENTIFIC PROGRAM



## WELCOME MESSAGE

**Dear Colleagues,**

It gives me great pleasure to welcome you all to the 17th Annual Conference of the Saudi Association for Pulmonary Hypertension (SAPH2024) which will be held in Riyadh Marriott Hotel, KSA from 15-17 February 2024.

SAPH is maintaining the quest for development and progress year after year. SAPH2024 aims to create a platform for regional medical professionals to engage in exchange for knowledge and expertise on the latest and best practice methods in Pulmonary Hypertension.

As a Continuation of Successful Collaboration between the Saudi Association for Pulmonary Hypertension (SAPH) and the Pulmonary Vascular Research Institute (PVRI), it has been proven that it is highly successful and helped in introducing physicians in The Middle East and North African countries to the world experts in the field of Pulmonary Hypertension and to the most advanced developments in understanding and managing Pulmonary Hypertension.

The Scientific Committee is planning a comprehensive Scientific Program covering all aspects of Pulmonary Vascular Diseases in both Adult & Children, from the basics of Pathobiology and Pathophysiology, Diagnosis, Classification and Management to the most advanced development in Therapies and Interventional Modalities.

The program will be covered by the internationally recognized leaders in the field of Pulmonary Hypertension.

We are much appreciative to all our distinguished speakers and chairpersons. My hope is that all those who are practicing physicians will make an effort to attend and benefit from this Conference.

With my best regards,



**Prof. Abdullah M. Aldalaan, MD**  
President, Saudi Association for Pulmonary Hypertension (SAPH)  
Consultant, Pulmonary Medicine  
Director, Pulmonary Hypertension Program, Lung Health Center  
King Faisal Specialist Hospital and Research Centre  
Professor of Medicine, Alfaisal University  
Riyadh, Saudi Arabia

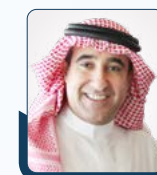
## SCIENTIFIC COMMITTEE



**Prof. Abdullah M. Aldalaan, MD**  
President, Saudi Association for Pulmonary Hypertension (SAPH)  
Consultant, Pulmonary Medicine  
Director, Pulmonary Hypertension Program, Lung Health Center  
King Faisal Specialist Hospital and Research Centre  
Professor of Medicine, Alfaisal University  
Riyadh, Saudi Arabia



**Ragdah Hussain Arif, MD, FRCPC, ABIM**  
Chairman, Scientific Committee  
Consultant Pulmonologist and Pulmonary HTN Consultant  
Assistant Professor, King Abdulaziz University/Hospital  
Jeddah, Saudi Arabia



**Hassan S. Alorainy, BsRC, RRT, FAARC**  
Executive Director,  
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Senior Clinical Respiratory Specialist  
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## MEMBERS



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Assistant Professor in King Saud bin Abdulaziz University for Health Sciences (KSAU-HS)  
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Pulmonary Hypertension Specialist  
Head of Pulmonary Medicine Unit  
King Fahad Medical Military Complex  
Dhahran, Saudi Arabia



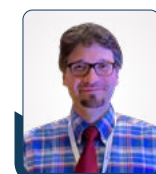
**Badr Alzahrani, MD, FACC**  
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**Khaled M. Alobaidellah, MD, FRCPC**  
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**Abdullah M. Alkhodair, MD, FRCPC**  
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## SCIENTIFIC COMMITTEE

## FACULTY

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**Mai Alzaydi, PhD**  
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### ADVISORY MEMBERS



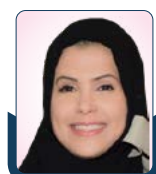
**Prof. Majdy Idrees, MD, FRCPC, FPVRI**  
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## FACULTY

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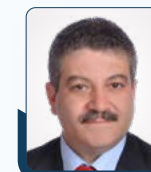
**Bader J. Alghamdi, MD**  
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**Nawal Al Gubaisi, MD, SSC-Med, SF-PD**  
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Pulmonary Hypertension Specialist  
The Head of Pulmonary Medicine Unit  
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Dhahran, Saudi Arabia



**Matthew J. Granato, LL.M., MBA**  
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## FACULTY



**Prof. Jae-Hyeong Park, MD, PhD**

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Consultant Cardiologist,  
Chungnam National University Hospital  
Secretary General, Korean Pulmonary  
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**Abdullah Alharbi, MBBS**

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**Prof. Pavel Jansa, MD, PhD**

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Department of Cardiovascular Medicine  
First Faculty of Medicine,  
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Hospital  
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Core Network – Pulmonary Hypertension)  
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**Noura Alturaif, MD**

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**Regina Steringer-Mascherbauer, MD**

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Linz, Austria



**Mai Alzaydi, PhD**

Researcher in Mitochondrial and Vascular  
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General Manager, Bioengineering Institute  
King Abdulaziz City for  
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**Hall Skaara, BCA**

Project Consultant, PHA Europe  
President, Norwegian Pulmonary  
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Patient Association  
Oslo, Norway



**Prof. Paul B. Yu, MD, PhD**

Director, Cardiovascular Research Center  
Cardiology Division  
Massachusetts General Hospital  
Associate Professor of Medicine  
Harvard Medical School  
Boston, USA





DAY 1 - THURSDAY, 15 FEBRUARY 2024 | AFTERNOON SESSION

## Pre Conference Workshops

### Comprehensive Multimodality Imaging Findings in PH/ CTEPH

Time: 3:00pm - 4:00pm | Room: Makarim

#### Speaker:



**Faisal Aloufi, MD**  
Consultant, Cardiothoracic Radiologist  
King Faisal Specialist Hospital and  
Research Centre  
Riyadh, Saudi Arabia



#### Objectives

The goal is to review the imaging findings of pulmonary hypertension with an emphasis on the role of computed tomography (CT) and to recognize the common diseases in each pulmonary hypertension group.

#### Structure:

- Presentation listing and showing the lung parenchyma, bronchial arteries, pulmonary arteries, and cardiac findings that can guide radiologists and clinicians to an appropriate diagnosis of different pulmonary hypertension groups.
- Interactive chest CT cases: Participants will access online scrollable CT images of different pulmonary hypertension cases to review them prior to having an open discussion.
- Case-based review: Selected images of different cases will be presented. Each case will have an online multiple choice question to be answered by the participants.
- Participants should bring a laptop, tablet, or smart phone for the interactive activities.

DAY 1 - THURSDAY, 15 FEBRUARY 2024 | AFTERNOON SESSION

## Pre Conference Workshops

### Right Heart Catheterization; State of the Art Measurements

Time: 4:00pm - 5:00pm | Room: Makarim

#### Speaker:



**Abdullah M. Alkhodair, MD, FRCPC**  
Consultant, Interventional Cardiology/  
Pulmonary Hypertension  
Program Director, Adult Cardiology  
King Fahad Medical City  
Riyadh, Saudi Arabia



#### Objectives

To familiarize audience with basics of RHC, when to refer your patient, and how to interpret the numbers

#### Outline:

In this interactive session, attendees will be updated on:

- Common indications, contraindications, and complications
- The basics of hemodynamics, how it correlates with echocardiogram
- The setup of the correct study
- Some pitfalls that will make results unreliable
- Making sense of the Right Heart Cath numbers
- Interactive Data interpretation

DAY 1 - THURSDAY, 15 FEBRUARY 2024 | EVENING SESSION

Pre Conference Workshops

Risk Stratification; Case-Based Scenarios

Time: 5:00pm - 6:00pm | Room: Makarim



Speaker:



Prof. Olivier Sitbon, MD, PhD

Professor of Respiratory Medicine,  
Pulmonary Hypertension Reference Center (PulmoTension)  
Department of Respiratory and Intensive Care Medicine  
Bicêtre Hospital, Paris-Saclay University  
Paris, France

Objectives

To familiarise the audience with the use of risk stratification tools in clinical practice, how to integrate them into treatment decisions, when to use a simple, pragmatic approach, and when to consider a more personalised approach.

Structure:

- Presentation of case-based scenarios in different forms of PAH.
- Interactive use of risk stratification tools.
- Multiple choice questions to be answered by the participants.
- Strengths and weaknesses of risk tools and their use in clinical practice
- Integration of risk tools in clinical trials (endpoint; enrichment...)

DAY 1 - THURSDAY, 15 FEBRUARY 2024 | EVENING SESSION

- 17:00 - 18:45Registration
- 18:45 - 19:00Welcome Note: Prof. Abdullah M. Aldalaan

SESSION 1 : Keynote

- Chairs:

Ragdah Arif - KSA

Saleh Aldammas - KSA
- 19:00 - 19:30Precision Medicine in Pulmonology: Lessons from Rare Diseases
- Fowzan Alkuraya - KSA
- 19:30 - 20:00PH: Year in Review
- Sean Gaine - Ireland
- 20:00 - 20:30Welcome to our guests: PHA, PVRI, PAH Europe


20:30DINNER

END OF 1<sup>st</sup> DAY

**DAY 2 - FRIDAY, 16 FEBRUARY 2024 | MORNING SESSIONS**







**07:30 - 08:15 Registration**

**SESSION 2 : PAH Basic Science**

- Chairs:** Abdullah Aldalaan - KSA  Mai Alzaydi - KSA 
- 08:20 - 08:40 TGF- $\beta$  Superfamily in PAH Pathogenesis; A State of art Overview  
Paul B. Yu - USA 
- 08:40 - 09:00 Sotatercept in PAH Treatment; A Deep Look into STELLAR Study  
Marius M. Hoeper - Germany  
- 09:00 - 09:20 Results of Long Term Follow up Study of Sotatercept in PAH  
Ioana Preston - USA 
- 09:20 - 09:30 Q & A Panel Discussion

**09:30 - 09:45 COFFEE BREAK**


**SESSION 3 : New Therapeutic Developments**

- Chairs:** Hussam Sakkijha - KSA  Noura Alturaif - KSA 
- 09:45 - 10:05 The PDGF Pathway; Seralutinib in PAH Treatment, TORREY Trial  
Luke Howard - UK 
- 10:05 - 10:25 Seralutinib Improves Pulmonary Arterial Blood Vessel Volume Distribution in PAH: Results of TORREY Phase 2 Imaging Sub-Study  
Ardeschir Ghofrani - Germany  
- 10:25 - 10:45 Cardiac MRI and Risk Stratification in PAH  
Faisal Alandejani - KSA 
- 10:45 - 11:00 Q & A Panel Discussion

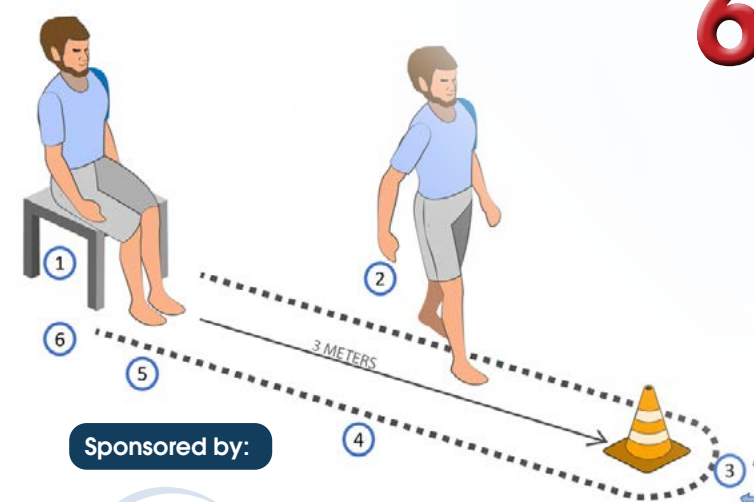
**11:00 - 13:30 PRAYER AND LUNCH BREAK**

**DAY 2 - FRIDAY, 16 FEBRUARY 2024 | AFTERNOON SESSIONS**

**SESSION 4 : Clinical PH; Group III PH**

- Chairs:** Nasser Al Busaidi - Oman  Bader J. Alghamdi - KSA 
- 13:30 - 13:50 PH in Chronic Lung Diseases; Pathogenesis and Clinical Phenotypes.  
Kristin B. Highland - USA 
- 13:50 - 14:10 PH in ILD; Impact on Survival and Importance of Screening  
Luke Howard - UK 
- 14:10 - 14:30 PH in ILD; Time to Treat All (PRO)  
Steven Nathan - USA 
- 14:30 - 14:50 PH in ILD; Time to Treat All (CON)  
Olivier Sitbon - France 
- 14:50 - 15:00 Q & A Panel Discussion

**15:00 - 15:30 COFFEE BREAK**



**6 MINUTES WALK TEST**

**Friday, 16 February 2024 - 13:30pm**  
**Room: Al Diwan**

**Instructors:**



**Yasmin Celes Laguna, RPFT**  
Supervisor, Pulmonary Function Test Unit  
King Fahad Medical City  
Riyadh, Saudi Arabia










**Bader A. AlTayyar, BsRC, RPFT**  
Senior Respiratory Therapist  
Head of Pediatric & Neonatal Respiratory  
Critical Care Section  
Respiratory Care Administration  
King Fahad Medical City  
Riyadh, Saudi Arabia



**DAY 2 - FRIDAY, 16 FEBRUARY 2024 | AFTERNOON SESSIONS**

**SESSION 5 : PAH Challenging Cases With live Sessions**

<b>Chairs:</b>	Shaya Al Shaya - KSA  Hanan Fan - KSA  Nawal Al Gubaisi - KSA 
15:30 - 15:50	Case 1: Aggressive PAH Case, The Whole Treatment Spectrum Mohammad Alnoor - KSA 
15:50 - 16:10	Case 2: PH in Young Girl with BMPR2 Mutation with Massive Hemoptysis Hani Sabbour - UAE 
16:10 - 16:30	Case 3: PH with Incidental Lung Lesion Abdullah AlHarbi - KSA 
16:30 - 16:50	Case 4: Seizures do not Necessarily Indicate a Neurological Disease! Khaled Alobaidellah - KSA 

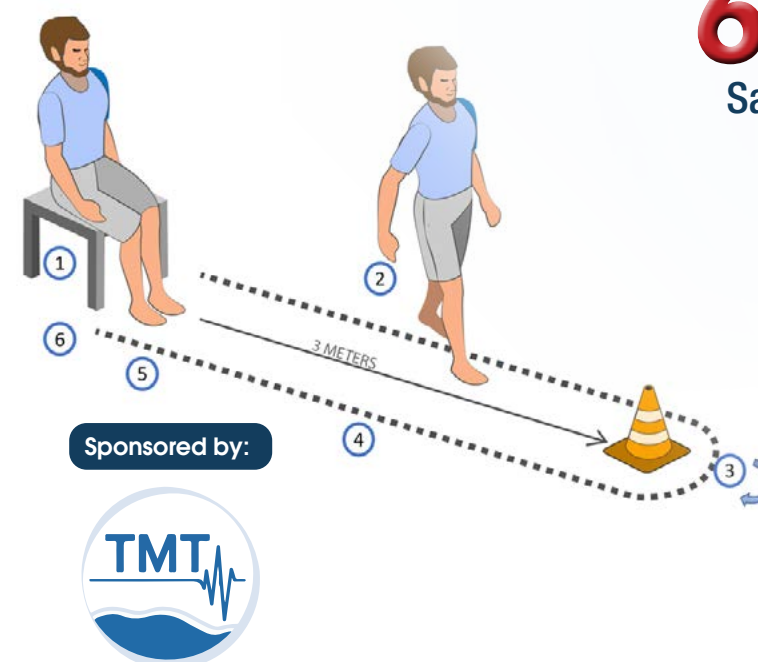
**END OF 2<sup>nd</sup> DAY**

**DAY 3 - SATURDAY, 17 FEBRUARY 2024 | MORNING SESSIONS**

**SESSION 6 : PAH - Miscellaneous**

<b>Chairs:</b>	Mostafa ElShazly - Egypt  Fayez Al Ahmady - KSA 
09:00 - 09:20	PAH with Cardiac Comorbidities Vs. CpcPH; Differences in Pathogenesis, Treatment and Outcome. Jean-Luc Vachiéry - Belgium 
09:20 - 09:40	Implantable Treprostinil Infusion Pump; Real Life Experience Regina Steringer-Mascherbauer - Austria 
09:40 - 10:00	PH in Chronic Hemolytic Anemia; A Real Life Clinical Burden with Limited Treatment Options. Majdy Idrees - KSA 
10:00 - 10:20	CTD-PH: Risk, Diagnosis and Clinical Phenotypes Raghda Arif - KSA 
10:20 - 10:30	Q & A Panel Discussion

**10:30 - 10:45 COFFEE BREAK**



**6 MINUTES WALK TEST**

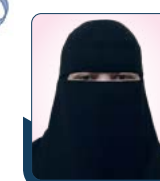
**Saturday, 17 February 2024 - 10:45am**

**Room: Al Diwan**

**Instructors:**



**Bader A. AlTayyar, BsRC, RPFT**  
Senior Respiratory Therapist  
Head of Pediatric & Neonatal Respiratory  
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Riyadh, Saudi Arabia









**Yasmin Celes Lagua, RPFT**  
Supervisor, Pulmonary Function Test Unit  
King Fahad Medical City  
Riyadh, Saudi Arabia

### SESSION 7 : CTEPH

- Chairs:** Badr Al Zahrani - KSA  Ayman Farghaly - Egypt 
- 10:45 - 11:05 The Journey of PE to CTEPH; Pathogenesis, Pathobiology and More  
Sanjay Mehta - Canada 
- 11:05 - 11:25 CTEPH Risk Stratification; Can the Current PAH ESC/ERS Risk Stratification be used?  
Pavel Jansa - Czech Republic 
- 11:25 - 11:45 CTEPH Multimodality Management; Evidence-Based Approach  
Irene Lang - Austria 
- 11:45 - 12:05 BPA for CTEPH; First Data Analysis of a Canadian Center  
Ali Omar Abu Alsaud - KSA 
- 12:05 - 12:15 Q & A Panel Discussion

### 12:15 - 12:30 COFFEE BREAK

### SESSION 8 : INTERNATIONAL PERSPECTIVE

- Chairs:** Abdullah Aldalaan - KSA  Wook-Jin Chung - South Korea 
- 12:30 - 12:50 Current Status of PH Management in Korea  
Jae-Hyeong Park - South Korea 
- 12:50 - 13:00 Current Update on PVRI Activities  
Karen Osborn - UK 
- 13:00 - 13:10 Current Update on PHA Activities  
Matthew Granato - USA 
- 13:10 - 13:20 Current Update on PHA-Europe Activities  
Hall Skaara - Norway 

### 13:20 - 13:30 CLOSING REMARKS

### 13:30 - LUNCH

END OF 3<sup>rd</sup> and Last DAY