

# ILH - IITH BIOENGINEERING CENTRE OF EXCELLENCE

## Inauguration



7th January, 2026



Prof. Werner Seeger

Director,  
ILH, Germany



Prof. BS Murty

Director,  
IITH, India



Padmavibhushan  
Dr. D Nageshwar Reddy  
Chairman, AIG Hospitals

### Guest of Honour

Vision- To transform lung disease research and therapy through Indo-German bioengineering excellence.

Mission- ILH and IIT Hyderabad unite engineering and lung health expertise to build bioengineered lung and vascular models and drive personalized lung disease therapies.

### Coordinators



Prof. Soni Savai Pullamsetti  
ILH, Germany



Prof. Renu John  
IITH



Prof. Rajkumar Savai  
ILH, Germany



Prof. Falguni Pati  
IITH



Convention Center, IITH



7th January, 2026  
09:15 am

# Agenda

09:15

## Welcome Address

Prof. Falguni Pati, Head, BME, IITH

09:30

## Introducing IIT Hyderabad

Prof. BS Murty, Director IIT Hyderabad

09:45

## Inaugural Address

Dr. Nageshwar Reddy, Chairman, AIG

10:00

## Keynote Address

Prof. Werner Seeger, ILH Guest of Honor

10:15

## Research Directions for the Center

Prof. Renu John, IITH

10:30

## Vote of Thanks

Prof. Soni Savai Pullamsetti, ILH

10:45 - 11:15

## MEET THE PRESS

11:45 - 16:00

### Session:

Global and Local Challenges in Lung Disease: Engineering and Translational Solutions

High Tea

12:45 - 13:45 Lunch break

16:00 - 16:30 High Tea

16:30 - 18:00

### Round Table:

Engineering meets Medicine – the Future of Pulmonary Hypertension Research

# Global and Local Challenges in Lung Disease: Engineering and Translational Solutions

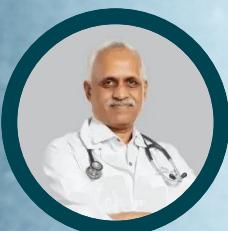
## Speakers



**Prof. Werner Seeger**, Director, ILH Germany

11:45 - 12:30

*Lung Health & Disease: The Road So Far and the Next Wave of Translational Innovation*



**Dr. BKS Sastry**, Senior Cardiologist, Renova Hospitals

12:30 - 12:45

*Pulmonary Hypertension in India: Health System Challenges, Access Gaps, and Policy Priorities*



**Dr. Prashant Bobhate**, Consultant Pediatric Cardiologist, Kokilaben Dhirubhai Ambani Hospital

14:00 - 14:15

*PVRI India: Building a National Network to Improve Pulmonary Hypertension Care and Research*



**Prof. Palanki Surya Satya Gopal**, Additional Professor, Cardiovascular and Thoracic Surgery, Nizams Institute of Medical Sciences

14:15 - 14:30

*Making Lung Transplantation Accessible in India through Engineering Innovation*



**Prof. Soni Savai Pullamsetti**, ILH Germany

14:30 - 14:45

*Decoding Pulmonary Hypertension: Organoids, Omics, PCLS—Gaps & Opportunities*



**Prof. Renu John**, IITH

14:45 - 15:00

*Seeing Disease in 4D: Quantitative Microscopy for Emerging Lung Research*



**Prof. Rajkumar Savai, ILH Germany**

15:00 - 15:15

*Decoding the Lung Tumor Microenvironment: Insights from Spatial Omics*



**Prof. Falguni Pati, IITH**

15:15 - 15:30

*Engineering Disease in 3D: Bioprinting Platforms for Lung Research*



**Dr. Suhail Rizwi Mohd, IITH**

15:30 - 15:45

*Computational Biomechanics and Systems Biology in Development, Psychology, and Disease*



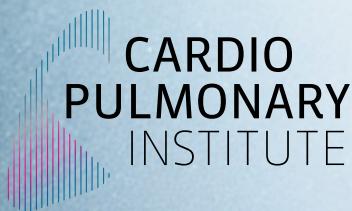
**Dr. Hari Kishan Gonuguntla, Head, Pulmonology, Yashoda Hospitals**

15:45 - 16:00

*New Trends in Pulmonary Medicine*



భారతీయ సాంకేతిక విజ్ఞాన సంస్థ హైదరాబాద్  
भारतीय प्रौद्योगिकी संस्थान హैदराबाद  
Indian Institute of Technology Hyderabad



Research for Better Medicines