

PRELIMINARY PROGRAM
THOMAS L. PETTY
ASPEN LUNG CONFERENCE
67th Annual Meeting
June 3 - June 6, 2025

“Exploring the Void: Advances in Parenchymal Destruction in Emphysema”
Irina Petrache, M.D., Co-Chair
Eszter K. Vladar, Ph.D., Co-Chair

TOPICS AND STATE OF THE ART SPEAKERS

“Alveolar Loss and Cyst Formation in Rare Diffuse Cystic Lung Diseases and Emphysema”
Francis X. McCormack, M.D.
Cincinnati, Ohio

***“Disease Mechanisms and Therapeutic Targeting of Lung Parenchymal Destruction
in Lymphangiomyomatosis (LAM)”***
Vera P. Krymskaya, Ph.D., M.B.A.
Philadelphia, Pennsylvania

***“Sex- and Genotype-Dependent Effects of Environmental Exposures In
Emphysema Initiation and Progression”***
Yohannes Tesfaigzi, Ph.D.
Boston, Massachusetts

***“Reconstructing Spatio-Temporal Dynamics of Cell States and Transcriptional Profiles in Distal Lung
Tissue During COPD Pathogenesis”***
Purushothama Rao Tata, Ph.D.
Durham, North Carolina

“Role of the Vascular Compartment and Microvascular Progenitor Cells in Emphysema”
Susan M. Majka, Ph.D.
Denver, Colorado

“Immune Pathobiology as a Driver of Emphysema in Chronic Obstructive Pulmonary Disease”
Francesca Polverino, M.D., Ph.D.
Houston, Texas

“Advanced Imaging Techniques for Diagnosing and Predicting Outcomes in Emphysema”
Surya P. Bhatt, M.D., MSPH
Birmingham, Alabama

“What Multiomics Approaches Have Taught Us About Emphysema”
Philip Hansbro, Ph.D.
Sydney, Australia

“Emphysema Through the Lens of Sex and Gender”
Dawn L. DeMeo, M.D., M.P.H.
Boston, Massachusetts

“Therapeutic Approaches to Harness Immunopathology in Emphysema”
Ali Önder Yildirim, Ph.D.
München, Germany

“Alpha-1 Antitrypsin (AAT) Deficiency Disease Mechanisms and Therapeutic Advancements”
Andrew A. Wilson, M.D.
Boston, Massachusetts

“Mechanisms of HIV-Induced Emphysema and Responses to Anti-Retroviral Therapy”
Kristina A. Crothers, M.D.
Seattle, Washington

CONFERENCE SUMMARY
Farrah Kheradmand, M.D.
Houston, Texas