UKGM UNIVERSITÄTSKLINIKUM GIESSEN UND MARBURG

DZL Deutsches Zentrum für Lungenforschung

Philipps Universität Marburg

Institute for Lung Research
Department for Respiratory and Intensive Care Medicine

GEFÖRDERT VOM
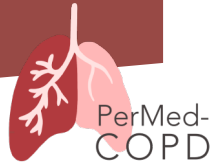Bundesministerium für Bildung und Forschung

Innovations for COPD Medicine

PerMed-COPD

From Dependable Diagnosis to Personalization of Patient Care

Postersession

September 19, 2024

5 pm—6:30 pm

Alter P, Kahnert K, Trudzinski FC, Bals R, Watz H, Speicher T, Söhler S, Welte T, Rabe KF, Wouters EFM, Jörres RA
Clinical Factors Linked to the Type of Respiratory Medication in COPD

Bertrams W, Griss K, Han M, Eberhardt M, Seidel K, Klemmer A, Sittka-Stark A, Hippenstiel S, Finkernagel F, Wilhelm J, Vera J, Schmeck B
Transcriptomic Analysis Reveals Differences in PBMCs from AE-COPD and CAP Patients

Burhorst I, Beinborn I, Lückhoff M, Preußer C, Pogge von Strandmann E, Heimerl T, Bange G, Schmeck B, Benedikter B, Laakmann K
Pro-Coagulant Extracellular Vesicles Mediate Smoking-Induced Pulmo-Vascular Inflammations

Burhorst I, Hartmann K, Laakmann K, Pott H, Weckler B, Bertrams W, Jung A L, Schmeck B
Identifying Potential EV-Based Biomarkers for Differentiating of Acute and Chronic Lung Diseases

Chahin A, Boosarpu G, Götz M M, Melo-Narváez M C, Lehmann M
Developing 2D and 3D Models of the Senescent Alveolus to Study Lung Aging and Regeneration

Janga H, Schmerer N, Aznaourova M, Schulte L N
Mechanism of Immune-Regulation by the lncRNA LUCAT1 in Humans

Lo K, Skevaki C, Sommer N
Mitochondrial Regulation of T Cell Activation and Differentiation as a Driver for Exacerbations in Different COPD Phenotypes

Loku E, Sharma V, Wu C-Y, Gierhardt M, Fagundes C B, Ciancio N, Gredic M, Pak O, Sommer, N, Seeger W, El Agha E, Bellusci S, Weissmann, N, Hadžić S
Exploring the Therapeutic Potential of Fibroblast Growth Factor 10 in Elastase-Induced Pulmonary Hypertension and Emphysema

Martin R, Laakmann K, Köbbe L, Pott H, Bertrams W, Schumacher J, Schmeck B, Vogelmeier C, Heider D
Progress of Identifying Biomarkers for COPD (PerMed-COPD; subproject 3)

Niedermaier T, Papadimitrou A, Holle R
Systematic Update of a Health Economic Markov Model for COPD Using Recent German Cohort Data (PerMed-COPD; subproject 5)

Palm V, Thangamani S, Budai B K, Kou Y, Skornitzke S, Eckl K, Tong E, Sedaghat S, Heußel C P, von Stackelberg O, Engelhardt S, Kopytova T, Norajitra T, Maier-Hein K H, Kauczor H-U, Wielpütz M O, Biederer J
Development of an AI-Based Tool to Evaluate Vertebra on CT Images: Assessment of Sex-Based Differences (PerMed-COPD; subproject 2)

Pott H, Weckler B, Gaffron S, Martin R, Maier D, Alter P, Biertz F, Speichert T, Bertrams W, Jung A L, Laakmann K, Heider D, Wouters M, Vogelmeier C F, Schmeck B
Transfer Coefficient and Static Hyperinflation as Markers of COPD Disease Activity: Results from COSYCONET

Treis H, Čilić A, Kleinhenn V, Loku E, Weissmann N, Hadžić S, Wu C-Y
The Role of Heme Oxygenase-1-Mediated Antioxidant Defense in Cigarette Smoke-Induced Pulmonary Hypertension and Emphysema

Vogelmeier C, Alter P, Rau J, Söhler S, Schade-Brittinger C, Schleicher T, Weckler B, Holle R, Schmeck B
Personalized Treatment of COPD—Randomized Study of the Acceptance and Effectiveness of a Decision Support System (PerMed-COPD; subprojects 1 & 4)

Weckler B C, Ringshand S, Ahnert P, Pott H, Bertrams W, Kutzinski M, Jung A L, Laakmann K, Seidemann C, Suttorp N, Witzenrath M, Wildberg C, Heider D, Martin R, Vogelmeier C F, Schmeck B
Blood Eosinophil Numbers as Predictor of Severity of Community-Acquired Pneumonia in a Prospective Multicentre Study