

LungMAP at ATS 2016



LungMAP

Molecular Atlas of Lung
Development Program

On the following pages are presentations and posters by our members. We hope this helps guide you to opportunities to connect with other members of LungMAP while attending ATS.

We're looking forward to seeing many of you at this year's ATS conference!

[Attend the LungMAP Session](#)

DATE: Sunday, May 15, 2016

TIME: 12:15 – 1:15pm PT

LOCATION: MOSCONE CENTER

Room 2001/2003 (West Bldg., Level 2)

Please join us to learn the newest datasets of LungMAP, understand and learn the innovative technologies for molecular profiling and imaging of the developing lung, and learn how to access the LungMAP resources.

LungMAP at ATS 2016

Sunday May 15

9:00 AM - 11:00 AM | [A17] Mini Symposium

GENETICS AND GENOMICS OF CHILDHOOD LUNG DISEASE

Early 'OMIC' Biomarkers Predict Bronchopulmonary Dysplasia (BPD) [Publication Number: A1035]

LungMAP Member: Namasivayam Ambalavanan, MD

Session Info: Moscone Center, Room 3006/3008 (West Building, Level 3)

9:00 AM - 11:00 AM | [A19] Mini Symposium

GETTING POLARIZED: MR IMAGING IN OBSTRUCTIVE LUNG DISEASE

LungMAP Member: Jason C. Woods, PhD is one of the symposium chairs

Session Info: Moscone Center, Room 2020/2022 (West Building, Level 2)

9:00 AM - 4:15 PM | [A32] Thematic Poster Session

ADAPTIVE IMMUNITY IN LUNG DISEASE

[Poster Board # P38] Flow Cytometric and Multiplexed Immunoassay Characterization of CD4+ T Cell Phenotype in Preterm Infants Who Develop Respiratory Morbidities [Publication Number: A1330]

LungMAP Members: Ravi Misra, PhD, Tom Mariani, PhD, Gloria Pryhuber, MD

[Poster Board # P48] Secreted Phospholipase A2 Group X Acts as an Adjuvant for Type-2 Inflammation and Induces an Allergen-Specific IgE Response [Publication Number: A1340]

LungMAP Member: Charles W. Frevert, DVM, ScD

Session Info: Moscone Center, Area A, Hall D (North Building, Lower Level)

9:00 AM - 4:15 PM | [A60] Thematic Poster Session

ILD, IPF, SARCOIDOSIS, AND DIFFUSE LUNG DISEASE

[Poster Board # P683] Expression Levels of Developmental Genes Distinguish Non Specific Interstitial Pneumonia from Idiopathic Pulmonary Fibrosis and Highlight Potential Diagnostic Markers [Publication Number: A2055]

LungMAP Member: Naftali Kaminski, MD

Session Info: Moscone Center, Area F, Hall D (North Building, Lower Level)

Poster Viewing: on display for entire session

Discussion: 11:00 AM-11:45AM: authors will be present for individual discussion 11:45 AM-12:45 PM

9:00 AM—4:15 PM | [A71] Thematic Poster Session

EPIGENETICS

[Poster Board # P394] Dynamic Changes of DNA Methylation during Different Stages of Normal Mouse Lung Development [Publication Number: A2344]

LungMAP Members: Celia Espinoza, Divya Chhabra, Namasivayam Ambalavanan, MD, Naftali Kaminski, MD, Emre Sefer, PhD, Ziv Bar-Joseph, James Hagoood, MD

Session Info: Moscone Center, Area D, Hall D (North Building, Lower Level)

Discussion: 11:00 AM-11:45AM: authors will be present for individual discussion 11:45 AM-12:45 PM

Presentations

LungMAP at ATS 2016

Sunday May 15

2:15 PM—4:15 PM | [A94] Mini Symposium

NEW INSIGHTS IN IPF

[4:00 PM] A 52-Gene Signature in Peripheral Blood Identifies an IPF Subphenotype with Rapid Disease Progression and Poor Disease Outcomes [Publication Number: A2609]

LungMAP Member: Naftali Kaminski, MD

Session Info: Moscone Center, Room 306/308 (South Building Esplanade Level)

2:15 PM—4:15 PM | [A108] Poster Discussion Session

MICRO RNAS, RNA SEQ, LNCRNA: BIOLOGY AND FUNCTION

[Poster Board # P608] Analysis of MicroRNAs in the Developing Mouse Lung Reveals Changes Relevant to Adult Human Disease [Publication Number: A2810]

LungMAP Members: Farida Ahangari, Namasivayam Ambalavanan, MD Ziv Bar-Joseph, James Hagood, MD, Naftali Kaminski, MD

[Poster Board # P620] The Distribution and Efficacy of MiR-29 Mimicry as a Therapy for Pulmonary Fibrosis Induced by Bleomycin in Mice [Publication Number: A2822]

LungMAP Members: Farida Ahangari, Naftali Kaminski, MD

[Poster Board # P502] Dynamic Changes in Extracellular Matrix Elastin, Laminin, and Fibronectin during Mouse Lung Development, [Publication Number: A2825]

LungMAP Member: David Warburton, MD

Session Info: Moscone Center, Room 2024 (West Building, Level 2)

Poster Viewing: 2:15 PM-3:00 PM

Discussion: 3:00 PM-4:15 PM

Presentations

LungMAP at ATS 2016

Monday May 16

9:00 AM—11:00 AM | [B11] Scientific Symposium

SCIENTIFIC BREAKTHROUGHS IN SARCOIDOSIS RESEARCH AND PHENOTYPING: THE NHLBI GRADS CONSORTIUM Assemblies on Allergy, Immunology and Inflammation; Clinical Problems, Environmental, Occupational and Population Health; Respiratory Cell and Molecular Biology

LungMAP Member: Naftali Kaminski, MD is one of the symposium chairs

Session Info: Moscone Center, Room 2002/2004 (West Building, Level 2)

9:00 AM —11:00 AM | [B19] Mini Symposium

BEST OF PEDIATRICS

[10:15] Lung Parenchyma on CT Scans of Premature Infants Normalizes with Age

[Publication Number: A2906]

LungMAP Member: Jason C. Woods, PhD

Session Info: Moscone Center, Room 3006/3008 (West Building, Level 3)

9:00 AM - 11:00 AM | [B30] Poster Discussion Session

MOLECULAR AND IMMUNOLOGICAL ASPECTS OF LUNG CANCERS

[Poster Board # P324] p16 Controls Lung Epithelial Cell Growth and Suppresses Transformation Through Mechanisms that Do Not Require Retinoblastoma (Rb) Function [Publication Number: A3136]

LungMAP Member: Kathryn Wikenheiser-Brokamp, MD, PhD

Session Info: Moscone Center (Room 309, South Building, Esplanade Level)

Author Summaries: 9:00 AM-9:30 AM

Poster Viewing/Discussion 9:30 AM-11:00 AM

9:00 AM—4:15 PM | [B31] Thematic Poster Session

ALPHA-1 ANTITRYPSIN DEFICIENCY

[Poster Board # P140] Overview of Multicenter Genomic Research in Alpha-1 Antitrypsin Deficiency and Sarcoidosis (GRADS) and Biorepository [Publication Number: A3143]

LungMAP Member: Naftali Kaminski, MD

Session Info: Moscone Center, Area B, Hall D (North Building, Lower Level)

Poster Discussion: 11:00 AM-11:45 AM

Authors present for individual discussion: 11:45 AM-12:45 PM

9:00 AM—4:15 PM | [B51] Thematic Poster Session

PEDIATRIC ASTHMA: EVALUATION AND TREATMENT

[Poster Board #P634] Structural Lung Abnormalities on CT Correlate to Asthma Inflammation in BAL [Publication Number: A3825]

LungMAP Member: Jason C. Woods, PhD

Session Info: Moscone Center, Area F, Hall D (North Building, Lower Level)

Poster Discussion: 11:00 AM-11:45 AM

Authors will be present for individual discussion: 11:45 AM-12:45 PM

Presentations

LungMAP at ATS 2016

Monday May 16

9:00 AM—4:15 PM | [B52] Thematic Poster Session

NEONATAL LUNG DISEASE: FROM BENCH TO BABIES

[Poster Board # P666] Spatial Molecular Atlas of Normal Lung Development in Mouse
[Publication Number: A3868]

LungMAP Members: James Carson, PhD, Cecilia Ljungberg, PhD, Julia Laskin, PhD, Charles Ansong, PhD, Richard Corley, PhD

[Poster Board # P667] Emc3 Regulates Surfactant Protein Processing and ABCA3 Biosynthesis and Is Required for Surfactant Function at Birth [Publication Number: A3869]

LungMAP Member: Jeffrey Whitsett, MD

Session Info: Moscone Center, Area F, Hall D (North Building, Lower Level)

Poster Discussion: 11:00 AM-11:45 AM, Session Time: 11:00 AM-12:45 PM

9:00 AM—4:15 PM | [B57] Thematic Poster Session

FIBROSIS BIOLOGY

[Poster Board # P1397] Lung Epithelium Overexpressed Noncoding RNA (LEON): Role of a Novel Long Intergenic Noncoding RNA in Idiopathic Pulmonary Fibrosis [Publication Number: A4015]

LungMAP Member: Naftali Kaminski, MD

Session Info: Moscone Center, Area M, Hall D (North Building, Lower Level)

Poster Discussion: 11:00 AM—11:45 AM; authors will be present for individual discussion 11:45 AM—12:45 PM

9:00 AM—4:15 PM | [B58] Thematic Poster Session

BIG AND BIGGER (DATA): OMICS AND BIOMARKERS AND COPD AND OTHER CHRONIC LUNG DISEASES

[Poster Board # P1438] Effects of Electronic Cigarettes on Oxidative Stress Gene and microRNA Expression from Lung Epithelial Cells in Vitro [Publication Number: A4050]

LungMAP Member: Tom Mariani, PhD

[Poster Board # P1447] Comprehensive Molecular Profiling of the Lung Using Mass Spectrometry Based Omics Technologies [Publication Number: A4060]

LungMAP Members: Charles Ansong, PhD, James Carson, PhD, Richard Corley, PhD

[Poster Board # P1460] Genomic Profiling of DNA-Damage Response in Lung Tissue Identifies Clinical Phenotypes of COPD [Publication Number: A4073]

LungMAP Member: Naftali Kaminski, MD

[Poster Board # P1463] Proteomics of Laser Capture Micro-Dissected Alveolar Tissue During Lung Development [Publication Number: A4076]

LungMAP Members: Joseph A. Kitzmiller, Namasivayam Ambalavanan, MD, James Carson, PhD, Richard Corley, PhD, Charles Ansong, PhD

[Poster Board # P1467] Proteomic Analysis Reveals Significant Epithelial Remodeling After In Vitro Exposure to Diacetyl Vapor [Publication Number: A4080]

LungMAP Member: Scott M. Palmer, MD, MHS

Session Info: Moscone Center, Area M, Hall D (North Building, Lower Level)

Poster Discussion: 11:00 AM—11:45 AM; authors will be present for individual discussion 11:45 AM—12:45 PM

LungMAP at ATS 2016

Monday May 16

9:00 AM—4:15 PM | [B60] Thematic Poster Session

SMOKING AND PARTICULATES IMPACT ON LUNG HEALTH

[Poster Board # P1495] Synthesis of a Cross-Linked Hyaluronan Matrix by the Airway Epithelium in Experimental Bronchiolitis Obliterans [Publication Number: A4117]

LungMAP Member: Scott M. Palmer, MD, MHS

Session Info: Moscone Center, Area M, Hall D (North Building Lower Level)

Poster Discussion: 11:00 AM—11:45 AM; authors will be present for individual discussion 11:45 AM—12:45 PM

9:00 AM—4:15 PM | [B61] Thematic Poster Session

FIBROBLASTS AND MATRIX IN COPD

[Poster Board # P1504] FENRR is an Epigenetic Regulator of Cellular Senescence in Pulmonary Fibroblasts [Publication Number: A4142]

LungMAP Members: Farida Ahangari, Naftali Kaminski, MD

Session Info: Moscone Center, Area H, Hall D (North Building, Lower Level)

Poster Discussion: 11:00 AM—11:45 AM; authors will be present for individual discussion 11:45 AM—12:45 PM

9:00 AM—4:15 PM | [B62] Thematic Poster Session

THE BIOLOGY OF SCARRING: WHERE ARE WE NOW

[Poster Board # P1500] Low Input on Ion Torrent RNA-Sequencing of Formalin-Fixed, Paraffin-Embedded (FFPE) Lung Tissue from Patients with Idiopathic Pulmonary Fibrosis [Publication Number: A4183]

LungMAP Member: Naftali Kaminski, MD

[Poster Board # P1504] FENRR is an Epigenetic Regulator of Cellular Senescence in Pulmonary Fibroblasts [Publication Number: A4142]

LungMAP Members: Farida Ahangari, Naftali Kaminski, MD

[Poster Board # P1511] Role of MAP Kinase Phosphatase 5 (MKP5) in Pulmonary Fibrosis [Publication Number: A4149]

LungMAP Members: Farida Ahangari, Naftali Kaminski, MD

[Poster Board # P1512] Disruption of Proximal-Peripheral Epithelial Differentiation and Activation of Hippo/YAP Signaling in Idiopathic Pulmonary Fibrosis [Publication Number: A4150]

LungMAP Members: Katherine A. Wikenheiser-Brokamp, MD, PhD, Jeffrey A. Whitsett, MD

Session Info: Moscone Center, Area M, Hall D (North Building, Lower Level)

Poster Discussion: 11:00 AM—11:45 AM; authors will be present for individual discussion 11:45 AM—12:45 PM

Presentations

LungMAP at ATS 2016

Monday May 16

12:15 PM—1:15 PM | [L18] National Heart, Lung, and Blood Institute, Division of Lung Diseases, NIH

HOW THE NHLBI K12 PROGRAM IS ADVANCING OUR KNOWLEDGE IN THE OMICS OF LUNG DISEASE

[12:15 PM] Computational Skill Building

LungMAP Member: Jeffrey A. Whitsett, MD

Session Info: Moscone Center, Room 2001/2003 (West Building, Level 2)

2:15 PM—4:15 PM | [B97] Mini Symposium

MITOCHONDRIA DYSFUNCTION IN THE DEVELOPMENT OF LUNG DISEASE

[3:45 PM] SH2 Domain-Containing Phosphatase-(SHP)-2 Attenuates Fibrotic Responses Through Regulation of Fibroblast Mitochondrial Metabolism and Autophagy

LungMAP Members: Farida Ahangari, Naftali Kaminski, MD

Session Info: Moscone Center, Room 2016/2018 (West Building, Level 2)

2:15 PM—4:15 PM | [B106] Poster Discussion Session

CELLULAR/MOLECULAR MECHANISMS AND TRANSLATIONAL ASPECTS OF RESPIRATORY TRACT INFECTIONS

[Poster Board # P914] Host Gene Expression Patterns Distinguish Disease Severity in Respiratory Syncytial Virus Infected Infants [Publication Page: A4464]

LungMAP Members: Jean Holden-Wiltse, Tom Mariani, PhD

Session Info: Moscone Center, Room 3014 (West Building, Level 3)

Poster Viewing: 2:15 PM—3:00 PM, Discussion Time: 3:00 PM—4:15 PM

2:15 PM—4:15 PM | [B110] Poster Discussion Session

NOVEL THERAPIES AND TARGETS IN FIBROSIS

[Poster Board # P407] Thyroid Hormone as a Novel Therapeutic Agent in Lung Fibrosis Through Restoration of AECs Mitochondrial Homeostasis [Publication Number: A4537]

LungMAP Member: Naftali Kaminski, MD

Session Info: Moscone Center, Room 2010/2012 (West Building, Level 2)

Author Summaries 2:15 PM-2:45 PM; Poster Viewing/Discussion 2:45 PM-4:15 PM

5:00 PM—7:00 PM | Assembly Membership Meetings

RESPIRATORY CELL AND MOLECULAR BIOLOGY

LungMAP Member: Naftali Kaminski, MD is chairing this meeting

Session Info: San Francisco Marriott Marquis, Golden Gate B (B2 Level)

Presentations

LungMAP at ATS 2016

Presentations

Tuesday May 17

9:00 AM—11:00 AM | [C8] Scientific Symposium

BREACHING BARRIERS: TARGETED DELIVERY OF THERAPEUTICS TO THE LUNG

Assemblies on Respiratory Cell and Molecular Biology; Allergy, Immunology and Inflammation; Clinical Problems; Critical Care; Pediatrics; Pulmonary Circulation; Respiratory Structure and Function; Thoracic Oncology

LungMAP Member: James Hagood, MD is one of the chairs of the symposium and will also lead the panel discussion at 10:40 AM

Session Info: Moscone Center, Room 3010/3012 (West Building, Level 3)

Panel discussion: 10:40 AM

9:00 AM—11:00 AM | [C16] Mini Symposium

PEDIATRIC IMAGING: WHAT'S NEW

[9:00 AM] Pulmonary MRI to Evaluate Neonatal Lung Growth in Congenital Diaphragmatic Hernia [Publication Number: A4572]

[9:30 AM] Quantification of Neonatal Lung Parenchymal Density Via Ultra-Short Echo-Time (UTE) Magnetic Resonance Imaging (MRI) [Publication Number: A4574]

[10:00 AM] The Relationship of Lung Function in Cystic Fibrosis to Volume of Hypo Per-fused Lung Volume and Systemic Arterial Blood Flow to the Lung [Publication Number: A4576]

[10:15 AM] Hyperpolarized ¹²⁹Xe MRI is Sensitive to Impaired Ventilation in Pediatric Cystic Fibrosis Patients with Normal Spirometry [Publication Number: A4577]

LungMAP Member: Jason C. Woods, PhD

Session Info: Moscone Center, Room 3003/3005 (West Building, Level 3)

9:00 AM—11:00 AM | [C21] Basic Science Core Poster Discussion Session

APPLYING 'OMICS' TECHNOLOGIES TO REVEAL GENE REGULATORS AND BI-OMARKERS IN LUNG DEVELOPMENT AND DISEASE

LungMAP Member: Naftali Kaminski, MD is one of the chairs of the session

Session Info: Moscone Center, Room 2010/2012 (West Building, Level 2)

Poster Viewing: 9:00 AM—9:45 AM, Discussion: 9:45 AM—11:00 AM

[Poster Board # P401] Transcriptomic Changes Common to Diverse Chronic Lung Diseases Indicate a Core Lung Response to Chronic Injury [Publication Number: A4610]

LungMAP Member: Naftali Kaminski, MD

[Poster Board # P409] Automated Cell Type Prediction in Single Cell RNA-Seq Analysis of the Lung [Publication Number: A4618]

LungMAP Members: M. Guo, Jeffrey A. Whittset, MD, Steve Potter, PhD, Yan Xu, PhD

[Poster Board # P412] Single Cell RNA-Seq Analysis of Fibrosis in Mouse Pulmonary Fibrosis Models [Publication Number: A4621]

LungMAP Members: Yan Xu, PhD, Naftali Kaminski, MD, Farida Ahangari

[Poster Board # P416] Lung Gene Expression Analysis: An Integrative Web Portal for Comprehensive Gene Expression Data Analysis in Lung Development [Publication Number: 4625]

LungMAP Members: Yina Du, Joseph A. Kitzmiller, Anne-Karina Perl, PhD, Ravi Misra, PhD, Gloria Pryhuber, MD, Tom Mariani, PhD, Steve Potter, PhD, Bruce Aronow, PhD, Jeffrey A. Whitsett, MD

LungMAP at ATS 2016

Presentations

Tuesday May 17

9:00 AM—11:00 AM | [C21] Basic Science Core Poster Discussion Session - continued

APPLYING 'OMICS' TECHNOLOGIES TO REVEAL GENE REGULATORS AND BIOMARKERS IN LUNG DEVELOPMENT AND DISEASE

LungMAP Member: Naftali Kaminski, MD is one of the chairs of the session

Session Info: Moscone Center, Room 2010/2012 (West Building, Level 2)

Poster Viewing: 9:00 AM—9:45 AM, Discussion: 9:45 AM—11:00 AM

[Poster Board # P417] A Comparative Transcriptomic Approach to Identify Transcriptional Programs Regulating Primate Lung Maturation [Publication Number: A4626]

LungMAP Members: Yan Xu, PhD, Yina Du, Joseph A. Kitzmiller, Steve Potter, PhD, Susan E. Wert, PhD, Jeffrey A. Whitsett, MD

[Poster Board # P419] Gene Expression Profiles Using RNA-Sequencing of Formalin-Fixed, Paraffin-Embedded (FFPE) Lung Tissue Predict Poor Outcomes in Idiopathic Pulmonary Fibrosis [Publication Number: A4628]

LungMAP Members: Farida Ahangari, Naftali Kaminski, MD

[Poster Board # P422] Corticosteroid Effects on Transcriptional Programs Regulating Lung Maturation in the Fetal Primate [Publication Number: A4631]

LungMAP Members: Jeffrey A. Whitsett, MD, Yan Xu, PhD

9:00 AM—11:00 AM | [C22] Poster Discussion Session

AIRWAY EPITHELIUM: MOLECULAR REGULATION OF INFLAMMATION

[Poster Board # P121] KIF3A Regulates Lung Morphogenesis, Airway Epithelial Cell Repair and Inflammation [Publication Number: A4654]

LungMAP Members: Joseph A. Kitzmiller, Jeffrey A. Whitsett, MD

Session Info: Moscone Center, Room 133 (North Building, Lower Level)

Poster Viewing: 9:00 AM-9:45 AM; Discussion: 9:45 AM-11:00 AM

9:00 AM—4:15 PM | [C57] Thematic Poster Session

CELLULAR/MOLECULAR MECHANISMS AND TRANSLATIONAL ASPECTS OF RESPIRATORY INFECTIONS

[Poster Board # P1136] Identification and Replication of Transcriptomic Biomarkers of Bacterial Involvement in Lower Respiratory Tract Infections [Publication Number: A5463]

LungMAP Member: Jeanne Holden-Wiltse, Tom Mariani, PhD

Session Info: Moscone Center, Area K, Hall D (North Building, Lower Level)

Poster Viewing: entire session; Discussion: 11:00 AM-11:45 AM; authors present for individual discussion: 11:45 AM-12:45 PM

9:00 AM—4:15 PM | [C60] Thematic Poster Session

ALL ABOUT CYSTIC FIBROSIS

[Poster Board # P544] Pediatric Hyperpolarized ¹²⁹Xe MR Imaging: Safety and Tolerability in Healthy Children and Cystic Fibrosis Patients [Publication Number: A5589]

LungMAP Member: Jason C. Woods, PhD

Session Info: Moscone Center, Area E, Hall D (North Building, Lower Level)

Poster Viewing: entire session; Discussion: 11:00 AM-11:45 AM; authors present for individual discussion: 11:45 AM-12:45 PM

LungMAP at ATS 2016

Presentations

Tuesday May 17

9:00 AM—4:15 PM | [C72] Thematic Poster Session

EPITHELIAL BIOLOGY

[Poster Board # P917] Artificial Butter Flavoring Exposure Causes an Extracellular Matrix Reorganizing Proteomic Signature in Primary Human Airway Epithelial Cells [Publication Number: A5901]

LungMAP Member: Scott M. Palmer, MD, MHS

Session Info: Moscone Center, Area H, Hall D (North Building, Lower Level)

Poster Viewing: entire session, Discussion Time: 11:00 AM-11:45 AM; authors present for individual discussion 11:45 AM-12:45 PM

9:00 AM—4:15 PM | [C74] Thematic Poster Session

MODELS AND METHODS IN LUNG BIOLOGY

[Poster Board #P961] High Resolution Analysis of Cells Isolated from Developing Human Lung [Publication Number: A5943]

LungMAP Members: Ravi Misra, PhD, Yan Xu, PhD, Jeanne Holden-Wiltse, Charles Ansong, PhD, Tom Mariani, PhD, Jeffrey A. Whitsett, MD, Gloria S. Pryhuber, MD

[Poster Board #P963] Ex Vivo Culture of Lung Buds on the Chorioallantoic Membrane of the Avian Embryo [Publication Number: A5945]

LungMAP Member: Rusty Lansford, PhD

Session Info: Moscone Center, Area H, Hall D (North Building, Lower Level)

Poster Viewing: entire session, Discussion Time: 11:00 AM-11:45AM; authors present for individual discussion 11:45 AM-12:45 PM

11:45 AM—1:15 PM | [WS6] Behavioral-Clinical Workshop

TO TWEET OR NOT TO TWEET: SOCIAL MEDIA IN HEALTH CARE AND EDUCATION

12:20 PM | All of Health Care Research is a Stage: The Role of Social Media

LungMAP Member: Naftali Kaminski, MD

Session Info: Moscone Center, Room 302 (South Building, Esplande Level)

2:15 PM—4:15 PM | [C85] Basic Science Core

SCIENTIFIC BREAKTHROUGHS IN RNA BIOLOGY: WHAT'S NEW, EXCITING AND THERAPEUTIC!

LungMAP Member: Naftali Kaminski, MD is one of the chairs for this session

Session Info: Moscone Center, Room 2009-2011 (West Building, Level 2)

2:15 PM—4:15 PM | [C89] Basic Science Core

EMERGING IMMUNE FUNCTIONS OF THE PULMONARY EPITHELIUM IN INFECTION, ASTHMA, AND CHRONIC LUNG DISEASE

[2:15 PM] Transcriptional Regulation of Epithelial Biology and Its Contributions to Lung Disease

LungMAP Member: Jeffrey A. Whitsett, MD

Session Info: Moscone Center, Room 2005/2007 (West Building, Level 2)

LungMAP at ATS 2016

Presentations

Wednesday May 18

9:00 AM-11:00 AM | [D17] Mini Symposium

'OMICS' OF ENVIRONMENTAL LUNG DISEASE

[10:15 AM] Plasma Metabolomics Analysis Identifies Candidate Biomarkers of Flavoring-Induced Bronchiolitis Obliterans [Publication Number: A6452]

LungMAP Member: Scott M. Palmer, MD

Session Info: Moscone Center, Room 2006/2008 (West Building, Level 2)

9:00 AM-11:00 AM | [D21] Poster Discussion Session

ASTHMA TREATMENT: GLUCOCORTICOIDS, BIOLOGICALS AND BEYOND

[Poster Board # P415] Developing FOXM1 Inhibitors to Suppress Goblet Cell Metaplasia and Airways [Publication Number: A6484]

LungMAP Member: Jeffrey A. Whitsett, MD

Session Info: Moscone Center, Room 2010/2012 (West Building, Level 2)

Poster Viewing: 9:00 AM-9:45 AM, Discussion: 9:45 AM-11:00 AM

9:00 AM-11:00 AM | [D23] Poster Discussion Session

SYMPTOMS MATTER: COUGH, DYSPNEA, FATIGUE AND QUALITY OF LIFE

[Poster Board #P202] Disease Severity and Quality of Life in Newly Diagnosed Idiopathic Pulmonary Fibrosis Patients [Publication Number: A6517]

LungMAP Member: Scott M. Palmer, MD, MHS

Session Info: Moscone Center, Room 304 (South Building, Esplande Level)

Poster Viewing: 9:00 AM-9:45 AM; Discussion: 9:45 AM-11:30 AM

9:00 AM-11:00 am | [D25] Poster Discussion Session

NEONATAL AND CONGENITAL LUNG DISEASES

[Poster Board #P804] Temporal, Spatial and Functional Changes Characterize PDGFR α Expressing Fibroblasts During Sacculization and Alveolarization [Publication Number: A6560]

LungMAP Member: Anne-Karina Perl, PhD

[Poster Board #P805] Identification of Optimal Time Points and Proteomic Profiling During Murine Lung Alveolar Septation [Publication Number: A6561]

LungMAP Members: Emre Sefer, PhD, Celia Espinoza, PhD, Farida Ahangari, Divya Chhabra, James Hagood, MD, Naftali Kaminski, MD, Ziv Bar-Joseph, Namasivayam Ambalavanan, MD

[Poster Board #P812] Quantitative Measures of Ground Glass Opacities Correlate with Use of Daytime Oxygen in Neuroendocrine Cell Hyperplasia in Infancy [Publication Number: A6568]

LungMAP Member: Jason C. Woods, PhD

[Poster Board #P818] Imaging-Based Pulmonary Functional Measurements from Self-Gated Neonatal Ultra-Short Echo-Time (UET) Magnetic Resonance Imaging (MR) [Publication Number: A6574]

LungMAP Member: Jason C. Woods, PhD

Session Info: Moscone Center, Room 3011 (West Building, Level 3)

Poster Viewing: 9:00 AM-9:45 AM, Discussion: 9:45 AM-11:00 AM

LungMAP at ATS 2016

Wednesday May 18

9:00 AM—11:00 AM | [D28] Poster Discussion Session

NOVEL IMAGING METHODS TO STUDY LUNG DISEASE

[Poster Board # P617] Heterogeneity and Diversity of Pulmonary Cells in Human Lung Assessed by Immunofluorescence Confocal Imaging [Publication Number: A6627]

LungMAP Members: Joseph A. Kitzmiller, Susan E. Wert, PhD, Anne-Karina Perl, PhD, Jeffrey A. Whitsett, MD

Session Info: Moscone Center, Room 2024 (West Building, Level 2))

Poster Viewing: 9:00 AM-9:45 AM, Discussion: 9:45 AM-11:00 AM

1:30 PM—3:30 PM | [D82] Clinical Topics in Pulmonary Medicine

THE ROAD TO PRECISION MEDICINE IN IPF: BIOMARKERS AND CLINICAL PREDICTORS Assemblies on Clinical Problems; Allergy, Immunology and Inflammation; Respiratory Cell and Molecular Biology

[2:49 PM] All We Need Is One Drop of Blood: Peripheral Blood Markers Predict Outcome in IPF

LungMAP Member: Naftali Kaminski, MD

Session Info: Moscone Center, Room 135 (North Building, Lower Level)

Presentations