

16th Annual Symposium: Center of Excellence in Environmental Toxicology
Theme: Air Pollution and Lung Health
Friday, November 19th, 2021
Glen Gaulton Auditorium BRBII/III
8:15AM–4:45PM

7:30AM-8:15AM	Registration & Continental Breakfast
8:15AM–8:30AM	Welcome & Introduction Trevor M. Penning, PhD The Thelma Brown & Henry Charles Molinoff Professor of Pharmacology Director, Center of Excellence in Environmental Toxicology Sharon McGrath Morrow, MD, MBA Professor of Pediatrics Division of Pulmonary and Sleep Medicine Children’s Hospital of Philadelphia Department of Pediatrics

Air Pollution: Evidence Based Decision Making

8:30AM–9:00AM	Six Cities Study & Clean Air Act Doug Dockery, PhD (Featured Speaker) John L. Loeb and Frances Lehman Loeb Research Professor of Environmental Epidemiology Harvard School of Public Health
9:00AM–9:30AM	Air Pollution and Asthma Exacerbations Blanca Himes, PhD Associate Professor of Informatics Department of Biostatistics, Epidemiology, and Informatics Perelman School of Medicine
9:30AM-10:00AM	Community Communication, Intervention and Policy Marilyn Howarth, MD, FACOEM Adjunct Professor, Systems Pharmacology & Translational Therapeutics Director, Community Engagement Core Center of Excellence in Environmental Toxicology
10:00AM-11:00AM	Poster Presentations and Coffee Break

Inhalation Toxicity and Infectivity

- 11:00AM–11:30AM Lung Toxicity of Ozone and Particulate Matter
Debra Laskin, PhD (Featured Speaker)
Distinguished Professor, Roy A. Bowers Endowed Chair
Department Chair, Pharmacology & Toxicology
Rutgers School of Pharmacy
- 11:30AM-12:00PM E-Cigarette Vaping and COVID-19
Irfan Rahman, PhD. (Featured Speaker)
Professor, Department of Environmental Medicine
Deans Professorship
Director, Center for Inhalation and Flavoring Toxicological
Research
University of Rochester Medical Center
- 12:00PM–1:15PM Lunch
- 1:15PM–2:15PM Debate: Moderator
Trevor M. Penning, PhD
The Case for Precision Medicine to Improve Lung Health versus
Population Public Health
- Proponent
Garret FitzGerald, MD, FRS
Robert L. McNeil Jr. Professor in Translational Medicine &
Therapeutics
Director, Institute for Translational Medicine & Therapeutics
Perelman School of Medicine
- Opponent
John Holmes, PhD, FACE, FACMI
Professor of Medical Informatics in Epidemiology
Department of Biostatistics, Epidemiology & Informatics
Perelman School of Medicine

Lung Injury and Repair

- 2:15PM– 2:45PM Environmental Factors Influencing Respiratory Outcomes in
Children with Bronchodysplasia
Sharon McGrath-Morrow, MD, MBA
Professor of Pediatrics, Division of Pulmonary and Sleep Medicine
Children’s Hospital of Philadelphia
Department of Pediatrics

2:45PM–3:15PM

Disorders of The Surfactant System in Adult and Pediatric
Lung Diseases: Think Alveolar Epithelium

Michael F. Beers, MD

Robert L. Mayock and David A. Cooper Professor in Pulmonary
Medicine

Division of Pulmonary, Allergy & Critical Care

Department of Medicine

Perelman School of Medicine

3:15PM-3:45PM

Lung Injury & Regeneration

Edward Morrissey, PhD

Robinette Foundation Professor of Cardiovascular Medicine

Director, Penn-CHOP Lung Biology Institute

Department of Medicine

Perelman School of Medicine

3:45PM– 4:45PM

Poster Presentations & Wine & Cheese Reception

Co-Sponsors:

Penn-CHOP Lung Biology Institute

National Institute of Environmental Health Sciences

Perelman School of Medicine