

Ilona Jaspers, PhD

Professor of Microbiology, Immunity, and Environmental Science Engineering at UNC-Chapel Hill

Chapel Hill, NC, US

Dr. Jaspers is a pediatric microbiologist and immunologist with expertise on environmental oxidants and its impact on human immune responses

Ilona Jaspers is a professor with more than 15 years of experience at the University of North Carolina at Chapel Hill who specializes in the effects of ambient air pollutants on respiratory immune dysfunction. Jaspers has established several human in vitro and clinical in vivo models to determine the adverse health effects induced by pollutant exposures. As the deputy director of the Center for Environmental Medicine, Asthma and Lung Biology, Jaspers collaborates extensively with investigators from UNC and the U.S. Environmental Protection agency to conduct translational studies related to air pollution health effects. Jaspers is also the director of the Curriculum in Toxicology, overseeing the training and mentoring of masters and doctoral students as well as postdoctoral fellows.

Coronavirus, Immunology, E-cigarettes, Ambient air pollutants, Asthma, Toxicology, Respiratory immune dysfunction, Pediatric microbiology, COVID-19

New York University Medical Center
PhD Environmental Health Sciences

New York University Medical Center
MS Environmental Health Sciences

Seton Hall
BS Biology

APS Select Award, 2016

Manuscript entitled "E-cigarette use results in suppression of immune and inflammatory response genes in nasal epithelial cells similar to cigarette smoke?"

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