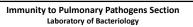
The influence of obesity on pulmonary infection with high consequence pathogens

> Catharine M. Bosio, PhD Senior Investigator

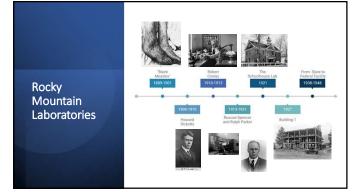
Immunity to Pulmonary Pathogens Section Laboratory of Bacteriology





<u>Others</u> Emily Speranza – The Cleveland Clinic Craig Martens –NIAID/RTB Stacy Ricklefs – NIAID/RTB Animal Care Staff - RMVB

Molly Miltko Forrest Jessop, PhD Tara D. Wehrly Lydia M. Roberts, PhD Monica A. Valtierra, PhD





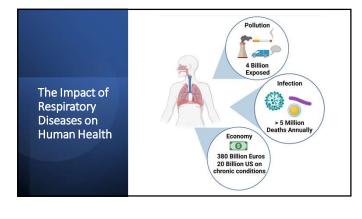
Rocky Mountain Laboratories

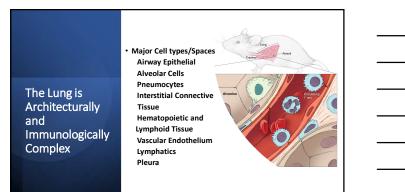


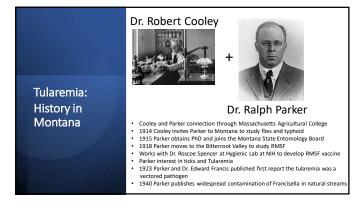
Laboratory of Virology: Ebola virus, Marburg virus, Coronavirus, CCHF, Nipah

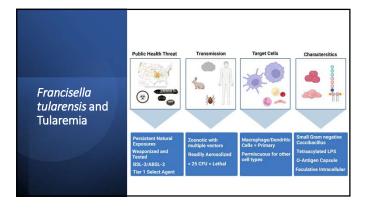
Laboratory of Neurological Infection and Immunity: Prions, West Nile Virus, Lacrosse Virus

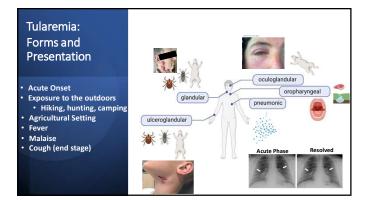
Laboratory of Bacteriology: Yersinia pestis, Coxiella Burnetii, Staphylococcus, Borrelia, Rickettsia, Chlamydia, Francisella tularensis

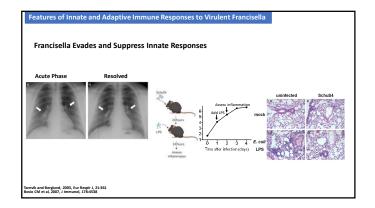




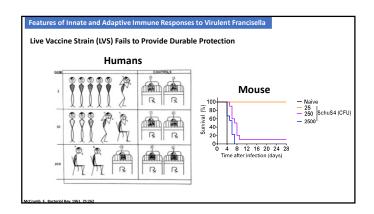




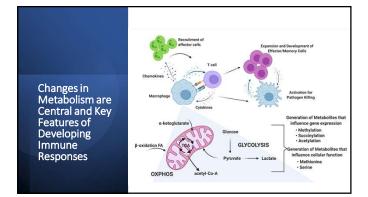




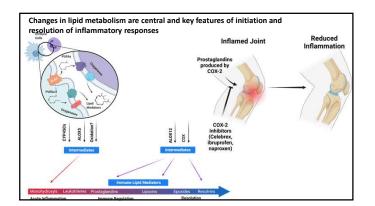














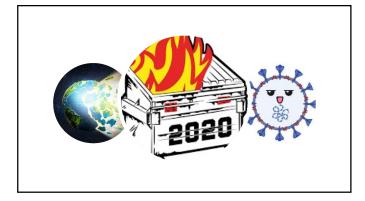
Metabolic Reprogramming of Host Cells by Virulent Francisella tularensis for Optimal Replication and Modulation of Inflammation Elliott V. Wyat, Karina Diaz, Amanda J. Griffin, Jed A. Rasmussen, Debrah D. Crane, Bradley D. Jones and Catharine M. Bosio

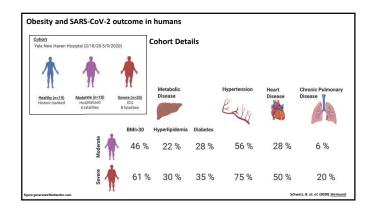
J Immunol 2016: 196:4227-4236; Prepublished online 30 March 2016; doi: 10.4049/jimmunol.1502456 http://www.jimmunol.org/content/196/10/4227

Temporal Manipulation of Mitochondrial Function by Virulen Francisella tularensis To Limit Inflammation and Control Cell Death Formest January,* Bergamin Schwarz,* Entity Hertmann,* Robert Burtyn,* Tara Webrig,* Cat erne M. Bours Non-John College

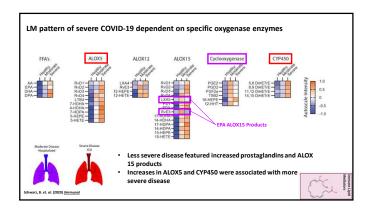
Interferon Gamma Reprograms Host Mitochondrial Metabolism through Inhibition of Complex II To Control Intracellular Bacterial Replication

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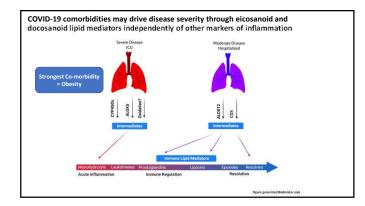


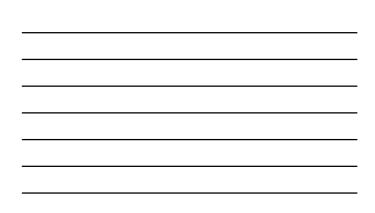


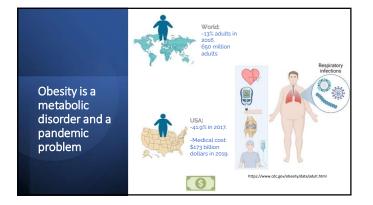




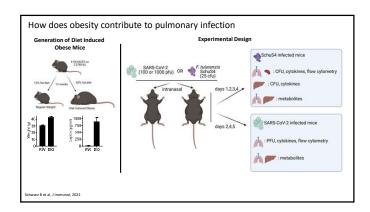




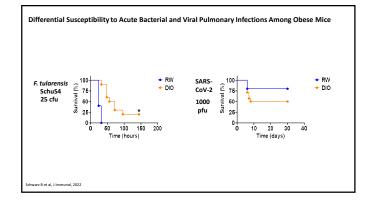


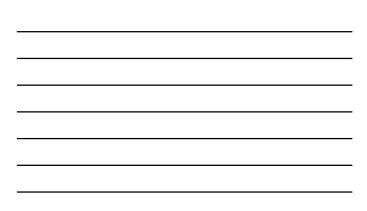


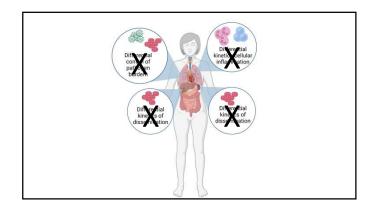




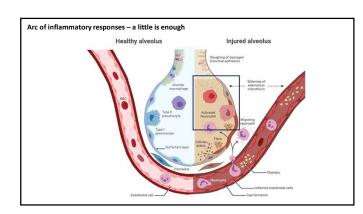




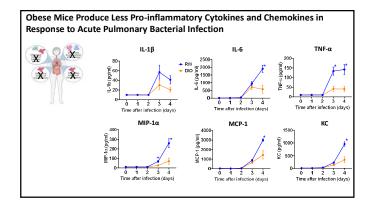


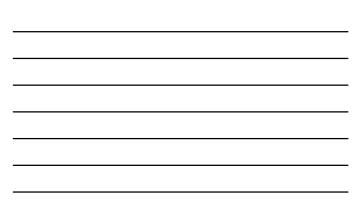


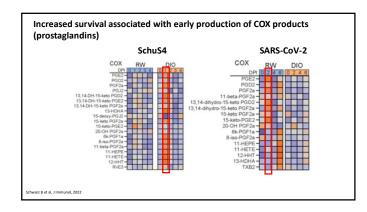




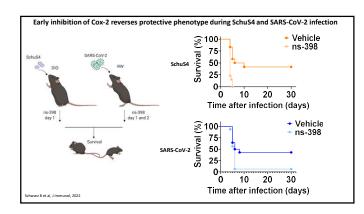




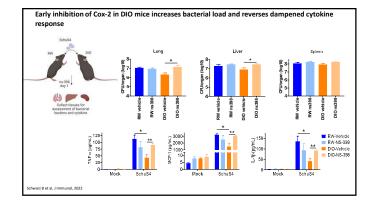


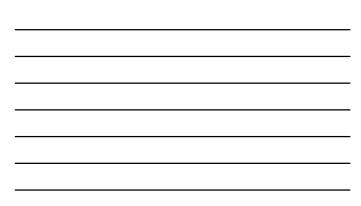












Does the obesity advantage extend to other bacterial infection?

