

Biomedical Research Seminar Series

Fall 2018 Schedule

Fridays, 3:30 pm in Domenici Hall, Room 109

(Refreshments served at 3:00)

Aug. 31 2018

Dr. Matthew J. Campen

Regents' Professor, Department of Pharmaceutical Sciences, University of New Mexico

Title: Respiratory and Cardiovascular Toxicity Related to Windblown Dusts from Abandoned Uranium Mines on Tribal Lands in the Southwest

Topic: We are studying whether surface uranium mine sites on Navajo Nation and other Pueblos pose a health risk to nearby communities due to wind-related resuspension and inhalation.

Sep. 14, 2018

NMSU Faculty Spotlight: Dr. Erik Yuki

Assistant Professor, Department of Chemistry and Biochemistry, New Mexico State University

Title: Structure and Function of bacterial zinc import, proteins, a potential antimicrobial drug target

Topic: Structural and Functional studies on proteins involved in bacterial zinc homeostasis evaluate these as potential target for novel antibiotics.

Sep. 28, 2018

Dr. Peter McGarvey

Associate Professor, Department of Biochemistry and Molecular & Cellular Biology, Georgetown University Medical Center

Title: TBD

Topic: TBD

Oct. 12, 2018

Dr. Sanford M. Simon

Professor, Department Head of Laboratory of Cellular Biophysics, Rockefeller University, New York

Title: Molecular analysis of the pediatric cancer fibrolamellar hepatocellular carcinoma

Topic: A study of how a molecular alteration in the DNA leads to the development of a usually lethal cancer in adolescents.

Oct. 26, 2018

Dr. Needhi Bhalla

Associate Professor, Department Of Molecular, Cell and Development Biology, University of California, Santa Cruz

Title: A Tale of Two Checkpoints

Topic: Understanding conserved molecular mechanisms that regulate and monitor chromosome behavior in diverse contexts.

Nov. 9, 2018

Dr. Barbara Han

Disease Ecologist, Cary Institute of Ecosystem Studies

Title: Machine learning and the practice of prediction in disease ecology

Topic: This seminar will discuss what 'prediction' means in disease ecology, and give examples of predictive analyses that can be undertaken with the aid of machine learning algorithms.

Nov. 16, 2018

Dr. Vojo Deretic

Professor, Director of Autophagy Inflammation and Metabolism Center, University of New Mexico

Title: Autophagy: from fundamental processes to disease

Topic: This seminar will discuss the fundamentals of autophagy, provide a sampling of latest studies from our laboratories, and introduce to the audience at NMSU the goes and the mission of the newly formed Autophagy, Inflammation and Metabolism (AIM).



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For more information or to meet with the speaker please contact Ryan Ashley at ryashley@nmsu.edu