

Biomedical Research Seminar Series

Spring 2019 Schedule

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

Refreshments served at 3:00 pm

Feb. 8, 2019

Dr. Rajkumar Lakshmanaswamy

Dean and Professor of Graduate School of Biomedical Sciences, Director of Center of Emphasis in Cancer, Dept. of Biomedical Sciences & Paul L. Foster School of Medicine, Texas Tech University Health Sciences Center El Paso

Title: TBA

Topic: TBA

Feb. 22, 2019

Dr. Thomas Makris

Associate Professor, Department of Chemistry & Biochemistry, University of South Carolina

Title: Emerging Roles for Metalloenzymes in Natural Product Biosynthesis

Topic: This lecture will focus on the molecular mechanisms of several newly identified heme and non-heme iron enzymes involved in the synthesis of hydrocarbons, virulence factors, and pharmacophores.

March 8, 2019

NMSU Faculty Spotlight: Dr. Jennifer Curtiss

Associate Professor, Associate Department Head, Department of Biology, New Mexico State University

Title: Using fruit flies to probe the conserved roles of M13 peptidases in animal lipid and carbohydrate metabolism

Topic: The Curtiss lab is using the powerful molecular genetic techniques available in the model organism *Drosophila melanogaster* to probe the conserved roles of the M13 family of zinc metalloendopeptidases in regulating cross-talk among metabolic organs (e.g. brain, gut, etc.) in the context of lipid and carbohydrate metabolism.

March 22, 2019

Dr. Sean Limesand

Professor, School of Animal and Comparative Biomedical Sciences, University of Arizona

Title: Catecholamines Regulate Fetal Adaptation during Placental Insufficiency

Topic: Intrauterine growth restriction (IUGR) of the placenta and fetus affects approximately 8% of all pregnancies and is associated with short- and long-term metabolic complications.

April 12, 2019

Dr. Wendy Barrington

Assistant Professor, Psychosocial & Community Health, University of Washington

Title: TBA

Topic: TBA



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