

Biomedical Research Seminar Series

Spring 2018 Schedule

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

(Refreshments served at 3:00)

Jan. 19, 2018

Dr. Renato Aguilera

Professor, Department of Biological Sciences, University of Texas at El Paso

Title: From the study of DNases to Anti-Cancer Drug Discovery

Topic: The talk will focus on the discovery and cloning of a novel enzyme and the recent discovery of promising anti-cancer drugs.

Feb. 2, 2018

Dr. Eric Stoffregen

Assistant Professor, Division of Natural Sciences & Mathematics, Lewis-Clark State College

Title: Y chromosome variation and male lethality in *Drosophila* embryos lacking Blm DNA helicase

Topic: We are investigating the essential role that Blm DNA helicase plays during early *Drosophila* development and the impact that Y chromosome sequence variation has on Blm function during this developmental period.

Feb. 16, 2018

Dr. Amy Navratil

Assistant Professor, Department of Zoology & Physiology, University of Wyoming

Title: Knockin' on Fertility's Door: Understanding Gonadotrope Function

Topic: Our work studies the cellular and molecular regulation of gonadotrope cells of the anterior pituitary gland and how these pathways affect fertility in vivo.

Mar. 16, 2018

Dr. Gil Mor

Professor, Department of Obstetrics Gynecology & Reproductive Sciences, Yale University School of Medicine

Title: Unique immunological and microbial regulatory mechanisms during pregnancy

Topic: Each trimester of pregnancy represents a unique inflammatory profile that can be disrupted by external stimuli such as viral infections. To ensure a successful pregnancy the placenta and Type I Interferons modulate maternal immune responses to maintain the status quo of each particular stage.

Apr.13, 2018

Dr. Charlotte Vines

Assistant Professor, Department of Biological Sciences, University of Texas at El Paso

Title: CCR7 induced migration: Signaling pathways and malignancies

Topic: This seminar will focus on the signaling events that control CCR7 directed cell migration during homeostasis and metastatic events.

Apr. 27, 2018

NMSU Faculty Spotlight: Dr. Fangjun Shu

Associate Professor, Department of Mechanical & Aerospace Engineering, New Mexico State University

Title: Fluid Dynamics in Blood-Wetted Medical Devices

Topic: Experimental fluid dynamic algorithms were used to investigate the flow in medical devices, results were analyzed to help in design and operation of the devices.



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