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Publications Continued:


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Publications Continued:


Presentations:

- Ella Nikulina, PhD, Associate Professor, Department of Basic Medical Sciences, accepted to present abstract “Essential Role of Mu-Opioid Receptors in the Rat Ventral Tegmental Area After Social Stress: Implication for Social Interaction and Amphetamine Cross-Sensitization,” at the European Behavioral Pharmacology Society (EBPS) Biennial Meeting in August, 2017, located in Heraklion, Crete, Greece.

Honors:

- Rebecca Fisher, PhD, Associate Professor, Department of Basic Medical Sciences, received Award for Excellence in Teaching by a Block or Course Director from the Class of 2019, University of Arizona, College of Medicine – Phoenix (Clinical Anatomy Block).

Other:

- Paul Standley, PhD, Professor, Department of Basic Medical Sciences, named scientific chair for inaugural Global Conference on Manual Therapies Research to be held in 2019; named to scientific steering committee for the Fifth Fascia Research Congress to be held in Berlin, 2018. This year’s theme: Connecting Key Issues – How Fascia Research Can Impact Health Outcomes.

- The Department hosted twenty-six scientific presentations as part of the annual Basic Medical Sciences Seminar Series.

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Grants:

- **Deveroux Ferguson, PhD, Assistant Professor, Department of Basic Medical Sciences**, awarded $2.3 Million RO1 grant by the National Institutes of Health (NIH) for his research on the “Pivotal role of SIRT1, a protein-coding gene, in anxiety and depression behaviors in the nucleus accumbens, a key brain reward region”. Dr. Ferguson expects the results will unravel the cell- and circuit-specific contribution of SIRT1 in stress-induced anxiety and depression.

- **Amelia Gallitano, MD, PhD, Associate Professor, Department of Basic Medical Sciences**, awarded $382,482 NIMH R21 grant for her research on “Molecular Mechanisms Underlying the Therapeutic Effect of ECT” Reviewed proposal scored top 2.0 percentile June 2017. This grant examines the role of the immediate early gene Egr3 in regulating the molecular, cellular and behavioral effects of electroconvulsive seizure that are responsible for its therapeutic effect in the treatment of severe mood and psychotic disorders.

- **Melissa Herbst-Kralovetz, PhD, Associate Professor, Department of Basic Medical Sciences**, awarded $100,000 translational research grant by The Mary Kay Foundation for research on “Elucidating the Genital Microbiome and Local Immune Microenvironment in Endometrial Cancer Patients.” Her research is meant to better understand the role of genital bacterial communities in the biology of inflammation and type I endometrial cancer as a means for risk reduction in women.

- **Shenfeng Qiu, MD, PhD, Assistant Professor, Department of Basic Medical Sciences**, in conjunction with Deveroux Ferguson, PhD, Assistant Professor, Department of Basic Medical Sciences, received $422,125 joint co-principal investigators R21 grant from the National Institutes of Health (NIH) for research to “Address the basic neural circuit mechanisms of depression.” This is the first NIH-Funded R21 Grant ever awarded to BMS Department for research on depressive disorders.

- **Frederic Zenhausern, PhD, MBA, Director of the Center for Applied NanoBioscience and Medicine, and Professor, Department of Basic Medical Sciences**, received $943,000 in funding as co-principal investigator on grant awarded to the Wake Forest Institute for Regenerative Medicine. Dr. Zenhausern’s laboratory will provide microfluidic gut microsystem and biodosimetry tools to Wake Forest University scientists. This is the first NASA grant from the Translational Research Institute for Space Health (TRISH) to better understand the health risks astronauts face from the exposure to galactic cosmic ray (GCR) and solar energetic particle (SEP) radiation that occurs from long-duration missions in deep space, and to develop countermeasures to keep astronauts safe.

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