<table>
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<th>DATES (MONDAYS)</th>
<th>INVITED SPEAKERS</th>
<th>PRIMARY RESEARCH FOCUS (LECTURE TITLE TO BE ANNOUNCED)</th>
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| September 12    | Renping Zhou, PhD Professor and Chair  
Department of Chemical Biology  
Rutgers Ernest Mario School of Pharmacy | Studies the molecular mechanisms of cell differentiation; function of growth factors and their receptors in the nervous system during embryonic development and carcinogenesis; and involvement of growth factors in Parkinson's Disease. |
| September 26    | Alexey G. Ryazanov, PhD Professor  
Department of Pharmacology  
Rutgers Robert Wood Johnson Medical School | Studies how Alpha-kinases play an important role in the control of protein synthesis, cell growth and differentiation. His laboratory recently discovered a new class of protein kinases—alpha-kinases. |
| October 10      | Paul Breslin, PhD Professor  
Department of Nutritional Sciences  
Rutgers School of Environmental and Biological Sciences | Studies the genetic basis of human oral perception and its impact on nutrient intake. The primary focus of his work is on taste perception with an emphasis on taste discrimination, taste enhancement and suppression, and taste localization. |
| October 24      | Vikas Nanda, PhD Associate Professor  
Department of Biochemistry  
Rutgers Robert Wood Johnson Medical School | Studies protein evolution and folding, computational de novo design of proteins and biomimetics. Projects include: (1) Learning Tolerance from Proteins and (2) Design of Heterochiral Proteins. |
| November 7      | Michael Matise, PhD Associate Professor  
Department of Neuroscience and Cell Biology  
Rutgers Robert Wood Johnson Medical School | Studies elucidating the role of the Hedgehog (Hh) pathway in central nervous systems (CNS) development. Hh is a secreted protein that, in both vertebrates and invertebrates, controls patterning and cell type specification in a wide variety of tissues in embryos and adults. |
| November 21     | Shridar Ganesan, PhD Associate Professor  
Department of Medicine and Pharmacology  
Rutgers Robert Wood Johnson Medical School | Studies genomic classification of cancer and the role of DNA repair abnormalities in the pathogenesis of cancer, with a special focus on the role of BRCA1 loss in breast and ovarian cancer. |
| December 5      | Teresa Wood, PhD, Professor and Rena Warshow Endowed Chair in Multiple Sclerosis  
Department of Neurology  
Rutgers New Jersey Medical School | Studies how growth factors and signaling pathways interact to promote growth, survival and differentiation of breast epithelial and neural progenitor cells. |
| December 19     | Lori A. White, PhD Associate Professor  
Department of Biochemistry and Microbiology  
Rutgers School of Environmental and Biological Sciences | Investigates the molecular mechanisms of xenobiotic exposure and to link these molecular changes to xenobiotic-included pathologies. |
| January 9       | Pranela Rameshwar, PhD Professor  
Department of Medicine  
Rutgers New Jersey Medical School | Studies methods for transdifferentiating mesenchymal stem cells (MSCs) into different types of neurons so that they can be used as a readily obtainable source of cells for transplantation. |
| January 23      | Sara Campbell, PhD Assistant Professor  
Department of Exercise Science and Sport Studies  
Rutgers School of Arts and Sciences | Research interests include exercise and cholesterol metabolism, functional food/nutritional supplements, and chronic disease and obesity. |

Seminar Time: 4:00 – 5:00 pm  
Location: CHI 89 French Street, Conference Room 3101  
Hosted by: Arnold B. Rabson, MD, Director  
For additional information please contact:  
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