

**PATHOLOGY SEMINARS, FALL TERM 2009**  
**FRIDAYS, 1:45-2:45 P.M.**  
**670 ALBANY STREET – LOBBY LEVEL – ROOM #107/108\***  
**REFRESHMENTS AT 1:30 P.M.**

**\* EXCEPTION FOR ROOM LOCATION: L-804 GOTTLEIB CONFERENCE ROOM**

**SEPTEMBER**

**TALK TITLES**

**18 Vernon Tesh, Ph.D.**

Department of Microbial and Molecular Pathogenesis  
College of Medicine  
Texas A&M University System Health Science Center  
[tesh@medicine.tamhsc.edu](mailto:tesh@medicine.tamhsc.edu)

“Shiga Toxins:  
Life & Death Decisions in the ER”

**25 \*David Hill, Ph.D.**

Associate Director  
Center for Cancer Systems Biology (CCSB)  
Dana-Farber Cancer Institute  
Harvard Medical Center  
[david\\_hill@dfci.harvard.edu](mailto:david_hill@dfci.harvard.edu)

“The Human Interactome Project and  
Molecular Network Analysis”

**OCTOBER**

**2 Aditi Gurkar, Ph.D. Candidate**

Department of Pathology – Vaziri Lab  
Boston University School of Medicine  
[agurk001@bu.edu](mailto:agurk001@bu.edu)

“ATM/ATR-mediated Phosphorylation  
of Rad18 is Required for Efficient S-phase  
Progression and Replication Fork Stability”

**9 David Sacks, M.B., Ch.B, F.A.C.P.**

Department of Pathology  
Harvard Medical School  
Brigham and Women’s Hospital  
[dsacks@rics.bwh.harvard.edu](mailto:dsacks@rics.bwh.harvard.edu)

“Calmodulin Signaling in Tumorigenesis”

**16 R. John Collier, Ph.D**

Microbiology & Molecular Genetics  
Harvard Medical School  
[John\\_Collier@hms.harvard.edu](mailto:John_Collier@hms.harvard.edu)

“The Anthrax Toxin Pore: Structure and Activity”

Boston University School of Medicine is accredited by the Accreditation Council for Continuing Medical education to provide continuing medical education for physicians. Boston University School of Medicine designates this educational activity on an hour-for-hour basis in category 1 credit towards the AMA Physician's Recognition Award. Each physician should claim only those credits that he/she actually spent in the activity.

**23 \*Richard Hotchkiss, M.D.**  
Professor of Anesthesia, Medicine, Surgery,  
Molecular Biology and Pharmacology  
Washington University School of Medicine  
[hotch@wustl.edu](mailto:hotch@wustl.edu)

“Mechanisms of Cell Death in Critical Illness –  
Apoptosis, Necrosis, and Autophagy”

**30 Madhu Jagannathan, Ph.D. Candidate**  
Department of Pathology – Nikolajczyk Lab  
Boston University School of Medicine  
[Mjagan1211@bu.edu](mailto:Mjagan1211@bu.edu)

“The Role of Toll-like Receptors in  
Type 2 Diabetes”

## **NOVEMBER**

**6 Alfred Ayala, Ph.D., M.S.**  
Department of Surgery  
Brown University School of Medicine  
[aayala@lifespan.org](mailto:aayala@lifespan.org)

“A Novel Role for the Inhibitory  
Co-receptor, PD-1, in the Innate  
Immune Response to Sepsis”

**13 Kornelia Polyak, M.D., Ph.D.**  
Department of Medical Oncology  
Dana-Farber Cancer Institute  
Harvard Medical School  
[kornelia\\_polyak@dfci.harvard.edu](mailto:kornelia_polyak@dfci.harvard.edu)

“Breast Tumor Evolution”

**20 Zhigang He, Ph.D., B.M.**  
Children’s Hospital  
Harvard Medical School  
[Zhigang.He@childrens.harvard.edu](mailto:Zhigang.He@childrens.harvard.edu)

“Mechanisms of Axon Regeneration”

**27 THANKSGIVING HOLIDAY**

**NO SEMINAR**

## **DECEMBER**

**4 Konstantin Kandror, Ph.D**  
Department of Biochemistry  
Boston University School of Medicine  
[kandror@biochem.bumc.bu.edu](mailto:kandror@biochem.bumc.bu.edu)

“Regulated Traffic of Glucose  
Transporters in Adipocytes and Neurons”

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