

# Department of Molecular Biosciences

Fall 2005 Seminar Series  
3:30 p.m., Room 1005 Haworth Hall

<http://www.molecularbiosciences.ku.edu/seminars/index.html>

KU



SEPT

September 12



**Charlotte Vines**  
KUMC

*Mol. Genetics & Immunology*  
*G-protein coupled Receptor Regulation*  
*& Signaling in the Immune System*

September 19



**Erik Lundquist**  
Univ. of Kansas

*Dept. Mol. Biosci.*  
*Cytoskeletal Signal Transduction & Axon*  
*Pathfinding in C. Elegans*

September 26



**Steve Benedict**  
Univ. of Kansas

*Dept. Mol. Biosci.*  
*Inter cellular adhesion selectively*  
*influences T cell signaling,*  
*activation, differentiation and homing*

OCT

October 3



**Stephen St. Jeor**

*Univ. of Nevada-Reno*  
*Dept. of Cell & Mol. Biology*  
*Pathogenesis of New World*  
*Hantaviruses*

OCTOBER

October 10



**Chang-An Yu**  
Newmark Lecture  
Oklahoma St. Univ.

*Dept. of Biochemistry & Molecular Biology*  
*Structural & Functional Basis for the*  
*Concerted Oxidation of Ubiquinol by the*  
*Cytochrome bc1 Complex*

October 17



**John Laitly**

*Univ. of Missouri-Kansas City*  
*Dept. of Cell Biology & Biophysics*  
*Molecular Mechanisms of Cell*  
*Signaling and Molecular*  
*Recognition using NMR*

October 24



**Lester Binder**

*Northwestern Univ.*  
*School of Medicine*  
*Dept. of Cell & Mol. Biology*  
*Tangle Evolution in Alzheimer's*  
*disease*

October 31



**Rong Li**

*Stowers Institute for Medical*  
*Research*  
*Mechanisms of Cell Polarization &*  
*Motility*

NOV

November 7



**Roy Jensen**  
UKMC

*Dept. of Pathology &*  
*Laboratory Medicine*  
*Changes in Proteomic*  
*Expression in Cancer*

NOVEMBER

November 14



**Todd Graham**

*Vanderbilt University*  
*Dept. of Biological Sciences*  
*Vesicle Mediated Transport*

November 21



**Brooke McCartney**

*Carnegie Mellon University*  
*Department of Biological Sciences*  
*Developmental Genetics of Signal*  
*Transduction & Cytoskeletal*  
*Organization*

November 28



**Thomas Yankee**  
KUMC

*Dept. of Mol. Genetics & Immunology*  
*Role of Gads adaptor protein in*  
*signaling pathways in T-cell*  
*development and homeostasis*

DECEMBER

December 5



**Neal Waxham**  
University of Texas

*Medical School at Houston*  
*Dept. of Neurobiology & Anatomy*  
*Structure/Function of*  
*Gai modulin Regulated Signaling Molecules*

For more information,  
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Biosciences  
785.864.4631  
or visit our website

<http://www.molecularbiosciences.ku.edu/seminars/index.html>