

The University of Michigan Medical School  
Graduate Program in Molecular and Cellular Pathology

*presents*

8<sup>th</sup> Annual Pathology Research Symposium  
November 6, 2009  
Biomedical Science Research Building

- 11:50 a.m. Introduction by Elizabeth Townsend, B.A., Doctoral Candidate, Molecular & Cellular Pathology, in BSRB Seminar Rooms A, B, and C
- Departmental talks chaired by Ray M. Joe, B.S., and Scott McDonnell, B.S., Doctoral Pre-Candidates in Molecular & Cellular Pathology
- 11:55 p.m. Gregory R. Dressler, Ph.D., Professor of Pathology  
*The role of PTIP and histone H3K4 methylation in development and differentiation*
- 12:20 p.m. John Prensner, B.A., Doctoral Candidate, Molecular & Cellular Pathology and Medical Scientist Training Program  
(Laboratory of Arul M. Chinnaiyan, M.D., Ph.D.)  
*Epigenetic regulation of transcript isoforms in prostate cancer*
- 12:35 p.m. Steven L. Kunkel, Ph.D., Senior Associate Dean for Research, Endowed Professor of Pathology Research and Co-Director, Division of Sponsored Programs  
*Epigenetic regulation of the immune cell phenotype*
- 1:00 p.m. Matthew Smith, B.S., Doctoral Candidate, Molecular & Cellular Pathology  
(Laboratory of Jason E. Gestwicki, Ph.D.)  
*Exploring the role of molecular chaperones in the formation of aggresomes*
- 1:15 p.m. Poster Session and Reception in BSRB Seminar Rooms & Upper Atrium
- 2:25 p.m. Thomas E. Wilson, M.D., Ph.D., Associate Professor of Pathology  
*Genome resequencing for investigating alterations of the human and yeast genomes*
- 2:50 p.m. Matthew Van Beek, B.S., Doctoral Candidate, Molecular & Cellular Pathology  
(Laboratory of Peter C. Lucas, M.D., Ph.D.)  
*A novel pathway for obesity-induced insulin resistance*
- 3:05 p.m. Zaneta Nikolovska-Coleska, Ph.D., Assistant Professor of Pathology  
*Targeting apoptosis pathways in cancer therapy: novel selective small-molecule inhibitors of Mcl-1 protein*
- 3:30 p.m. Bryan Petersen, B.A., Doctoral Candidate, Molecular & Cellular Pathology and Medical Scientist Training Program  
(Laboratory of Nicholas W. Lukacs, Ph.D.)  
*IL-25 (IL-17E) in allergic asthma*
- 3:45 p.m. Break

3:55 p.m. Introduction of Keynote Speaker by Elizabeth Spehalski, B.S., Doctoral Candidate in Molecular & Cellular Pathology in BSRB Auditorium

**Frederick W. Alt, Ph.D.**

Charles A. Janeway Professor of Pediatrics and Professor of Genetics,  
Harvard Medical School

Investigator, Howard Hughes Medical Institute, Children's Hospital Boston

Scientific Director, Program in Cellular & Molecular Medicine,

Children's Hospital Boston

Scientific Director, Immune Disease Institute at Harvard Medical School

Senior Research Associate, Children's Hospital Boston

*“DNA end joining, Translocations, and Lymphoma”*