

8:30 am ***Registration, Poster Setup,
Continental Breakfast***

9:15 am ***Introduction – Dr. Jeffrey Hayes,
BMCB Cluster Director***

9:20 am **Dr. Fred Hagen**
Department of Biochemistry and Biophysics
Role of Protein Glycosylation in *C. elegans* Oocyte and
Early Embryo Development

9:45 am **Irina Chernyakov*** (Dr. Eric Phizicky, advisor)
Department of Biochemistry and Biophysics
A New tRNA Quality Control Pathway

10:10 am **Scott Charette*** (Dr. Dirk Bohmann, advisor)
Department of Microbiology and Immunology
Regulation of the Transcription Factor dFoxo by JNK
Signaling: Implications for Survival and Life-Span Extension

10:35 am ***Coffee Break***

10:50 am **Ryan Bennett** (Dr. Harold Smith, advisor)
Department of Biochemistry and Biophysics
The Hierarchy of Assembly of APOBEC3G Complexes

11:15 am **Jared Benedict** (Dr. David Pearce, advisor)
Department of Biochemistry and Biophysics
Protein Interactions Uncover Clues About the
Neuronal Ceroid Lipofuscinoses

11:40 am **Dr. Elizabeth Grayhack**
Department of Biochemistry and Biophysics
Solving a Roadblock to Crystallography: Overcoming the
Toxicity of Selenomethionine in Yeast

12:00 pm ***Buffet Lunch, Poster Session,
Sponsor Tables***

2:00 pm **Holly Kuzmiak*** (Dr. Lynne Maquat, advisor)
Department of Biochemistry and Biophysics
Characterization of Staufen1 RNA Binding Sites and Staufen1-
Mediated mRNA Decay: A New Posttranscriptional
Regulatory Mechanism in Mammalian Cells

2:25 pm **George Fromm*** (Dr. Michael Bulger, advisor)
Department of Biochemistry and Biophysics
Domains of Histone Hyperacetylation: Determining Their
Role in the Regulation of the Murine Beta Globin Genes

2:50 pm **Dr. Ian Dickerson**
Department of Neurobiology and Anatomy
The CGRP Receptor: Novel Protein-Protein Interactions
Required for G Protein-Coupled Signal Transduction

3:15 pm ***Ice Cream Break***

3:45 pm **Dr. William Bowers**
Department of Neurology
Devising an Integration-Competent HSV Amplicon Vector
Gene Transfer Platform

4:10 pm **Dr. Willis Li**
Department of Biomedical Genetics
Regulation of Heterochromatin by the JAK/STAT Pathway

4:35 pm **Michael DeRan** (Dr. Jiyong Zhao, advisor)
Department of Biochemistry and Biophysics
NPAT Regulates Histone Gene Transcription by Recruitment
of the Histone Acetyl Transferase-Cofactor TRRAP

5:00 pm ***Closing Remarks – Dr. Jeffrey Hayes
Prize Drawing – Must be present to win***

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**Biochemistry, Molecular and
Cell Biology (BMCB) Cluster**

5th Annual

Retreat

Organizers: Jeff Hayes, Keith Nehrke, Yisang Yoon

Thursday, November 9, 2006

8:30 a.m. – 5:00 p.m.

*Casa Larga Vineyards
2287 Turk Hill Road
Fairport, NY 14450*