



*The UB2020 Strategic Strength in Molecular Recognition
in Biological Systems and Bioinformatics*
invites you to a one-day minisymposium entitled:

Infectious Disease and Pathogen Discovery

Monday, October 13, 2008, 8:30 – 5:30 in the Zebro Room, Center of Excellence in Bioinformatics and Life Sciences, Buffalo Niagara Medical Campus, Buffalo NY

Morning Session, Zebro Room **Welcome**

- 8:30** **Michael Gilmore**, C.L. Schepens Professor of Ophthalmology, Harvard Medical School; President and Chief Executive Officer, Ankeny Director of Research, Senior Scientist, Schepens Eye Research Institute: “Antibiotic Resistant Enterococci: What makes a good commensal go bad, and why are they dragging Staph down with them”
- 9:45** **Kenneth Bayles**, Professor and Vice-chair for Research, Dept. of Pathology and Microbiology, University of Nebraska Medical School: “Developmental Control of Cell Death and Lysis During *S. aureus* Biofilm Formation”
- 10:30** **Break**
- 11:00** **W. Ian Lipkin**, John Snow Professor of Epidemiology and Director, Center for Infection and Immunity, Mailman School of Public Health, Professor of Neurology, Professor of Pathology, College of Physicians and Surgeons, Columbia University: “Pathogen Discovery in Acute and Chronic Disease”
- 11:45** **Mira Edgerton**, Professor of Oral Biology, University at Buffalo: “The Role of HOG1 Mapk Pathway and HSP70 in Governing *C. albicans* virulence in oropharyngeal candidiasis”

12:30-1:30 **Lunch, CoE Atrium**

Afternoon Session, Zebro Room

- 1:30** **Philip Rather**, Associate Professor of Microbiology and Immunology, Emory University
“Quorum Sensing and Biofilm Formation in *Acinetobacter baumannii*”
- 2:15** **Ruth Ley**, Assistant Professor of Microbiology, Cornell University
“Gut Microbial Communities in Human Evolution and Disease”
- 3:00** **John Hay**, Professor and Chair of Microbiology and Immunology, University at Buffalo
“New Hantaviruses in Rodents and Insectivores in Far Eastern Siberia”
- 3:35** **Reception, CoE Atrium**

The University at Buffalo is hosting the conference and reception free-of-charge, but registration is required for all events. Register now to save your spot for the symposium by emailing: ub-mrbs@buffalo.edu.

We encourage submission of graduate student and postdoctoral posters for display and discussion during the reception. Please e-mail Steven Gill (srgill@buffalo.edu) to register your poster.

Learn more about UB2020: Molecular Recognition in Biological Systems/Bioinformatics at:
<http://www.buffalo.edu/ub2020/strengths/bioinformatics.html>

Sponsors

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