

**Northeast Regional Life Sciences Core Directors (NERLSCD)**

**2009 Meeting**

(current as of 11-09-09)

**Monday, November 9, 2009**

12:00-5:00 pm **Satellite Meeting of the Laboratory Robotics Interest Group (LRIG)**

3:00-5:00 pm **Core Facility Tours**

6:00-9:00 pm **Opening Reception**

**Tuesday, November 10, 2009**

8:30-8:45 am **Opening Remarks**, George Grills, *Cornell University*

8:45-9:35 am **New Technologies and a New Economy: Stimuli for Leveraging Core Resources**, *Keynote Speaker: Barbara Alving, Director of the National Center for Research Resources, National Institutes of Health (NCRR/NIH)*

9:35-10:15 am **NCRR/NIH Discussion Panel on Support for Life Sciences Core Facility Resources**, *Moderator: Katia Sol-Church, Center for Pediatric Research, NCC-Delaware. Panelists: Barbara Alving, Director of NCRR/NIH, Louise Ramm, Deputy Director of NCRR/NIH, Gregory Farber, Health Scientist Administrator of the Division of Biomedical Technology of NCRR/NIH*

10:15-10:40 am Coffee Break

10:40-11:20 am **Women in Science and Core Laboratories**, Michelle Cilia-Reeve, *USDA-ARS*

11:20 am-12:00 pm **Molecular Diagnostic Laboratories: Their Role in Enhancing Physician Education and Care Delivery**, Vicky Funanage, *Director of Biomedical Research of the Nemours Foundation, A.I. duPont Hospital for Children, University of Delaware.*

12:00-1:00 pm **Lunch**

1:00-2:30 pm **Poster Session**

2:30-3:00 pm Coffee Break

3:00-4:30 pm **Next Generation DNA Sequencing**, *Organizer, Ellen Kittler, University of Massachusetts Medical School. Panelists: Robert Steen, Harvard Medical School, Paul Morrison, Dana Farber Cancer Institute, Deb Grove, Penn State University.*

**Flow Cytometry**, *Organizer: Paul Wallace, Roswell Park Cancer Institute. Panelists: Charles "Hank" Pletcher, University of Pennsylvania, Alice Givan, Dartmouth Hitchcock Medical Center, Peter Lopez, New York University.*

4:45-6:15 pm **Microarrays**, *Co-organizers: Scott Tighe, University of Vermont, Don Baldwin, University of Pennsylvania. Panelist: Agnes Viale, Memorial Sloan-Kettering Cancer Center.*

**Proteomics**, *Organizer: Scott Gerber, Dartmouth Medical School. Panelists: Chris Colangelo, Yale University Medical School, Kelvin Lee, Delaware Biotechnology Institute.*

**Wednesday, November 11, 2009**

8:45-9:35 am **Focusing the Life Sciences on Bioenergy Solutions through the Lens of Nanobiotechnology**, *Keynote Speaker: Larry Walker, Professor of Biological and Environmental Engineering, Director of the Northeast Sun Grant Institute of Excellence, Director of the Biofuels Research Laboratory, Cornell University*

9:35-10:15 am **Discussion Panel on Core Facility Management Models and Best Practices**, *Co-organizers: Tim Hunter, University of Vermont, Susanna Perkins, University of Massachusetts. Panelists: Scottie Adams, Trudeau Institute, Diane Tabarini, Memorial Sloan-Kettering Cancer Center.*

10:15-10:40 am Coffee Break

10:40 am-12:00 pm **Metabolomics**, *Organizer: Ted Thannhauser, USDA-ARS. Panelists: James Bain, Duke University Medical Center, Thomas O'Connell, Hamner Institutes for Health Sciences, Stuart Krasnoff, USDA-ARS.*

**Real-time PCR**, *Organizer: Sheryl White, Univ. of Vermont. Panelists: Sridar Chittur, SUNY Albany, Jennifer Holbrook, Nemours / A.I. duPont Hospital for Children, Beatrice Girard, University of Vermont.*

12:00-1:00 pm **Lunch**

1:00-2:30 pm **Bioinformatics**, *Organizer: Jason Moore, Dartmouth Medical School. Panelists: Jaroslaw Pillardy, Cornell University, James Vincent, University of Vermont.*

**Stem Cells**, *Organizer: Gary Stein, University of Massachusetts. Panelists: Jeffrey Spees, University of Vermont, Matt Mandeville, University of Massachusetts, Kelly Smith, University of Massachusetts.*

2:30-3:00 pm Coffee Break

3:00-4:30 pm **Nanobiotechnology**, *Organizer: Nathan Cady, College of Nanoscale Science and Engineering, University at Albany, State University of New York (SUNY). Panelists: Magnus Bergkvist, SUNY Albany, Antje Baeumner, Cornell University, Benjamin Miller, University of Rochester.*

**Imaging**, *Organizer: Matthew Gounis, University of Massachusetts. Panelists: Mukund Seshadri, Roswell Park Cancer Institute, Mary Rusckowski, University of Massachusetts.*

4:30-5:00 pm **NERLSCD: Current Status & Future Plans**

5:00-5:15 pm **Closing Remarks**, Ted Thannhauser, *USDA-ARS.*