

**Pernilla Wittung-Stafshede**, Umea University, Sweden, Subgroup Chair

**Biopolymers in Vivo Subgroup 2013 Symposium**

**Saturday, February 2, 2013**

**Philadelphia, Pennsylvania**

**10:00 AM Subgroup Business Meeting**

**1:00 PM, Subgroup Symposium**

1:00 PM, Lila Gierasch, University of Massachusetts

*Opening Remarks*

1:05 PM, Jacqueline Barton, California Institute of Technology (*Keynote Speaker*)

*DNA-mediated Signaling*

1:50 PM, Yousif Shamoo, Rice University

*Small Changes in Enzyme Function can lead to Surprisingly Large in vivo Effects*

2:20 PM, Patricia Clark, Notre Dame University

*New Directions for Vectorial Protein Folding*

2:50 PM, Postdoc Talk: Robert Crawford, Oxford University

*Studies of Internalized Proteins in Living Cells Using Single-Molecule Fluorescence*

3:10 PM, Postdoc Talk: Rudra Kafle, University of Michigan

*In situ Structural Dynamics of Chromosomal DNA*

**3:30 PM, Coffee Break**

4:00 PM, Stefan W. Hell, Max-Planck Insitute, Germany (*Keynote Speaker*)

*Nanoscopy with Focused Light*

4:45 PM, Jie Xiao, Johns Hopkins University

*Structures and Dynamics of the E. coli FTSZ-Ring and its Associated Proteins During Cell Division Revealed by Superresolution Imaging*

5:15 PM, John A.G. Briggs, European Molecular Biology Laboratory, Germany

*Solving Structure in situ using Cryo-Electron Tomography and Correlative Methods*

5:45 PM, Gael McGill, Harvard Medical School & Digizyme Inc.

*Visualizing Molecular Environments Exploring Hollywood's Tools & Techniques*

**7:00 PM, Subgroup Dinner**

*All are welcome, advance registration required.*

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