252nd ACS National Meeting • Philadelphia, PA
2016 WCC Merck Research Awards Symposium

Sunday, August 21, 2016 • 8:25 am – 12:05 pm
Pennsylvania Convention Center, Room 120C

Cosponsored by ANYL, BIOL, COMP, MEDI, MPPG, ORGN, POLY and PROF
Kelly M. George, Organizer • Amy M. Balija, Organizer, Presiding • Rebecca Ruck, Presiding

8:25 am Introductory Remarks

8:30 am Two-dimensional electronic spectroscopy reveals ultrafast dynamics in photosynthetic bacteria
Sara C. Massey, P. D. Dahlberg, P. Ting, C. Hunter, G. S. Engel
University of Chicago

8:50 am Resurfaced polycationic nanobodies: A potentially general scaffold for intracellularly targeted protein discovery
Virginia J. Bruce, B. McNaughton, M. Lopez-Islas
Colorado State University

9:10 am Reaction-based strategies for imaging biological iron
Allegra Aron, M. C. Heffern, M. N. Vander Wal, C. J. Chang
University of California, Berkeley

9:30 am Elucidating the melting of DNA in the presence of high local oligonucleotide density on the surface of DNA-functionalized nanoparticles
Lam-Kiu Fong, K. L. Kohlstedt, C. A. Mirkin, G. C. Schatz
Northwestern University

9:50 am Self-assembly of brush block copolymers to nanostructured materials
Alice Chang, C. Bates, M. Matsen, R. H. Grubbs
California Institute of Technology

10:10 am Intermission

10:20 am Arresting AIDS and curing Hepatitis C: A career in computer-aided drug design (CADD)
M. (Kate) Holloway
Merck

11:00 am Streamlined synthesis of complex cyclodepsipeptides
Suzanne M. Batiste, J. N. Johnston
Vanderbilt University

11:20 am Nickel-catalyzed activation of Amide C–N bonds
Emma L. Baker, N. K. Garg
University of California, Los Angeles

11:40 am Strategies toward remote C(sp³)-H oxidation of aliphatic amines
Melissa Lee, M. S. Sanford
University of Michigan

12:00 pm Concluding Remarks