

Center of Biomedical Research Excellence (COBRE) in Structural Biology
1st Annual Symposium on Structural Biology
Astellas Room (3410/3430)
Stephenson Life Sciences Research Center (SLSRC), Norman, OK
May 20, 2013

Registration

8:15 am 3rd floor south, outside of Astellas Room

Welcome/Opening Remarks

8:45 – 9:00 am Ann West, COBRE PI, OU-Norman

Session I (session chair: Paul Cook, OU-Norman)

9:00 – 9:50 am Gregory Petsko, Brandeis University, "Targeting the retromer pathway in endocytosis for new therapeutics for Alzheimer's disease"

9:50 – 10:20 am Dali Liu, Loyola University, "Structural and mechanistic insights of a PLP/GABA-dependent bacterial transcription regulator via a covalent molecular probe"

10:20 – 10:40 am BREAK

Session II (session chair: Paul Sims, OU-Norman)

10:40 – 11:30 am Alex McPherson, University of California, Irvine, "Structure of a small icosahedral virus at atomic resolution"

11:30 – 12:00 pm Emily Scott, University of Kansas, "Structure and function of cytochrome P450 17A1: Prostate cancer drug target"

12:00 – 1:00 pm LUNCH (1st floor north, near Elements Cafe)

Session III (session chair: Liz Karr, OU-Norman)

1:00 – 1:50 pm Dagmar Ringe, Brandeis University, "How Parkinson's disease starts and how it might be stopped"

1:50 – 2:20 pm Junpeng Deng, Oklahoma State University, "Structure-function studies on inflammatory cytokine signaling"

2:20 – 2:40 pm BREAK

Session IV (session chair: Blaine Mooers, OUHSC)

2:40 – 3:10 pm John Tanner, University of Missouri, "Combining X-ray diffraction and small-angle X-ray scattering to study high-hanging fruits of structural biology"

3:10 – 4:00 pm Brian Matthews, University of Oregon, "Structural biology: Getting in on the ground floor"

4:15 pm – 5:45 pm Poster session/refreshments/vendor exhibits/building tours (SLSRC, 1st floor north, near Elements Cafe)

5:45 pm Announcement of Poster Prize Award