



**USP Workshop on Peptide and Oligonucleotide Therapeutics:
Regulations, Standards and Quality
November 4-5, 2019
USP Headquarters, Rockville, Maryland, USA
~DRAFT AGENDA~ October 21, 2019**

- 11:50 a.m. Networking Lunch**
- 12:45 p.m. Control Strategies and Analytical Test Methods for Peptide-Conjugates**
Thomas Wucherpennig
Bachem
- 1:15 p.m. Phase-Appropriate CMC Development for Synthetic Peptides**
Tanja Huth
Bachem
- 1:40 p.m. Sessions I and II Panel Discussion/Q&A**
- 2:00 p.m. –3:30 p.m. Session III – Novel Approaches for Characterization**
Session Chair: Gerhard Haas
*USP Peptide and Oligonucleotide Therapeutics Workshop Steering Committee, and
Member, USP BIO1 – Peptides and Insulins Expert Committee*
- 2:05 p.m. Computational Modeling of the Structure-Function Relationship in RNA**
Christina Bergonzo
NIST
- 2:30 p.m. Analytical Methods for Oligonucleotide Therapeutics**
Claus Rentel
Ionis Pharmaceuticals, Inc.
- 2:55 p.m. Considerations for Biophysical Characterization in Developing Peptide Biologics**
Ranajoy Majumdar
Eli Lilly and Co.
- 3:20 p.m. Chiral Purity Testing of Amino Acids by Supercritical Fluid Chromatography**
Gareth Murphy
Ipsen
- 3:45 p.m. Panel Discussion/Q&A**
- 4:00 p.m. –5:30 p.m. Networking Reception**