

# NESACS Process Chemistry Symposium

Thursday, October 12th, 2017 | 8:00 am - 6:00 pm

Merck Boston Auditorium

33 Avenue Louis Pasteur

Boston, MA 02115

## Agenda

8:00 AM Breakfast

### Morning Session

Session Chair: Scott Plummer (Novartis)

8:30 AM **Welcome and Introductory Remarks**

Katherine Lee (NESACS)

8:40 AM **Corinna Schindler (University of Michigan)**

*Iron(III)-Catalyzed Carbonyl-Olefin Metathesis*

9:40 AM **Timothy Curran (Vertex)**

*Preparation of an Important  $\beta$ -Amino Acid Synthone*

10:10 AM **Break**

10:30 AM **Jamie McCabe Dunn (Merck)**

*Accessing Novel Phosphoramidate Prodrugs via the Protecting-Group Free Selective 3'-Functionalization of Nucleosides*

11:00 AM **Stephen Buchwald (MIT)**

*Asymmetric Hydrofunctionalization Processes for Organic Synthesis*

12:00 **Lunch**

## **Afternoon Session**

Session Chair: Matthew Maddess (Merck)

**1:30 PM Jim Yang (Biogen)**

*Sulfurization Agents as Capping Reagents for Phosphorothioate Oligonucleotide Synthesis*

**2:30 PM Sarah Reisman (California Institute of Technology)**

*Necessity is the Mother of Invention: Natural Products and the Chemistry They Inspire*

**3:00 PM Break**

**3:20 PM Steven Mennen (Amgen)**

*Integration of Discovery and Process Development to Deliver a High Complexity BACE Inhibitor*

**3:50 PM Richmond Sarpong (University of California, Berkeley)**

*Strategies and Methods for Chemical Synthesis Inspired by Complex Natural Products*

**4:50 PM Concluding remarks**

LC Campeau (Merck) and Steven Mennen (Amgen)

**5 PM Reception**