



## Peptide Synthesis Training Class

### Agenda:

- 9:30            Opening and introduction  
                 Training agenda  
                 Training class goals
- 9:45            Peptide Synthesis – Theory of Chemistry and Instrumentation
- Introduction
  - Techniques
  - Chemistry
  - Monitoring
  - Instrumentation
- 11:30           Coffee break
- 11:45           Instrument hardware, part I:
- Introduction
  - Operation principle
  - Instrument parts and functions
- 12:45           Lunch break
- 13:30           Instrument hardware, part II:
- Maintenance procedures
  - Flow Tests
- 15:00           Monitoring options
- Monitoring algorithms
  - Basic monitoring
  - Conditional monitoring
- 16:00           Coffee break
- 16:15           Setting up a synthesis
- 17:30           **End of day 1**

- 9:00 Introduction to 433A SynthAssist™ software, part I
- 10:30 Coffee break
- 10:45 433A SynthAssist™ software, part II
- 12:00 433A SynthAssist™ software exercises
- 13:00 Lunch break
- 13:45 Instrument software: 433A control panel
- 14:30 Coffee break
- 14:45 Advanced topics and optional accessories:
- UV monitoring kit
  - 3 mL reaction vessel kit
  - Special operations
    - Capping
    - Add Times
    - Toggle Functions
    - Conversion of Chemistry set ups: from Fmoc to Boc and back
  - Special and customized applications
  - Discussion and questions
- 16:00 **End of training**