



# FEBS Advanced Course

*Ligand-Binding Theory and Practice*

**June 24 – July 1, 2018**

*Deadline for applications: April 1, 2018*

**Academy and University Center Nove Hradý, CZ**



**Organizers:**

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**IUBMB Lecturer:**

Enrico Di Cera,

Saint Louis University, USA

**Invited speakers and tutors:**

Alan Cooper, Glasgow, UK

Helge Schnerr, Fremont, USA

Teresa Carlomagno, Hannover, Germany

Martin Cadene, Orléans, France

Alexander Büll, Düsseldorf, Germany

David Witte, Munich, Germany

Andrzej Gorecki, Krakow, Poland

Ondrej Vanek, Prague, CZ

Jannette Carey, New Jersey, USA

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**REGISTRATION**

<https://ligandbinding2018.febsevents.org/>

This course offers basic training in principles of ligand-binding theory, and allows students to analyse their own macromolecular interaction systems using the contemporary advanced methods of surface plasmon resonance, isothermal titration calorimetry, fluorescence spectroscopy, and microscale thermophoresis, guided by experts in the design, execution, and analysis of those experiments. Additional methods are introduced in lectures. The course is intended for students at the graduate or early postdoctoral level.