



Advances in Drug Discovery – Chemistry and Biology

Prague, Czech Republic, September 1st – 5th, 2014

FIRST ANNOUNCEMENT

The summer school is designated to pre and post graduate students and will give an overview in following areas:

- General chemical approaches – medicinal chemistry
- Biochemical approaches – target oriented research
- Structure and *in silico* based drug design
- General principles of commercial drug development cycle



ÚOCHB AV ČR, v.v.i.

The course is organized by the Institute of Chemical Technology, Prague (ICTP www.vscht.cz) and Institute of Organic Chemistry and Biochemistry, ASCR (IOCB www.iocb.cz)

PRELIMINARY PROGRAMME

Monday Sep 1st

Evening - welcome party at the Masaryk Dormitory

Tuesday Sep 2nd

Morning: Opening
General introduction to drug development
Medicinal chemistry of anticancer drugs
Sugar chemistry

Lunch

Antimalarials
Medicinal chemistry of antiviral drugs
Medicinal chemistry of antibiotics
Diagnostics and therapy of asthma
Chiral synthesis

**Detailed program is available
at www.praguesummerschool.cz**

Wednesday Sept 3rd

Morning
Biology of HIV research
Insulin and diabetes research
Biology and treatment of metabolic Syndrome "Theranostics"

Lunch

IOCB facility tour/ICTP facility tour
PRAGUE Guided Tour + Beer Dinner

Thursday Sept 4th

X-ray and structural biology
Structure based and *in silico* drug design
Modern analytical methods in drug development

Lunch

Metabolic transformations
Biotransformation
Biological drugs

Friday Sep 5th

Departure

The registration is now open for specialized course in drug discovery and development at www.praguesummerschool.cz

Registration fee:

300 € before
April 30th

350 € after
April 30th

fee includes:

- Admission to the scientific programme
- Accommodation for 4 nights (September 1 – 5) at Masaryk Dormitory
- Conference materials
- Coffee breaks, lunches
- Welcome party
- Guided tour with dinner at Prague Brewery

Organising Secretariat: Congress Business Travel
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