



WORKSHOP

"GLYCOSYNTHESIS"

Prague, 18th April 2012

Institute of Chemical Technology Prague

Technická 5

166 28 Prague 6, Czech Republic

SUMMARY

This workshop will introduce you to the basic and advanced carbohydrate and glycoconjugate chemistry. We would like to provide an opportunity for young people to meet each other to better interact and to provide an overview about the different research topics in glycochemistry. We hope you will enjoy your time in Prague having inspiring discussions.

Confirmed speakers

Jitka Moravcová. *Institute of Chemical Technology Prague (Prague, Czech Republic)*

Tomas Trnka. *Charles University (Prague, Czech Republic)*

Jan Vesely. *Charles University (Prague, Czech Republic)*

Francesco Peri. *University of Milano-Bicocca (Milan, Italy)*

Olivier Renaudet. *Joseph Fourier University (Grenoble, France)*

Vojtech Spiwok. *Institute of Chemical Technology Prague (Prague, Czech Republic)*

Organizing committee:

Jitka Moravcová (ICTP)
Javier Rojo (CSIC)
David J. Parras Guijarro

Contact and Information

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**"Carbohydrated Multivalent Systems as
Tools to Study Pathogen Interactions
with DC-SIGN"**

8:30 Registration

9:00 Opening by Prof. Jitka Moravcová. Institute of Chemical Technology Prague (Prague, Czech Republic)

Chairperson: Norbert Varga. UNIMI (Milan, Italy)

9:15 Jitka Moravcová. Institute of Chemical Technology Prague (Prague, Czech Republic)

“Sweet sugar chemistry (what goes nicely with sugars and what does not)”

10:15 Coffee break

10:45 Tomas Trnka. Charles University (Prague, Czech Republic)

“The Applicability of anhydrosugars in the synthesis”

Chairperson: John McGeagh. ANTERIO (Mannheim, Germany)

11 :45 Francesco Peri. University of Milano-Bicocca (Milan, Italy)

“Carbohydrate-based synthetic molecules and LPS derivates as chemical tools to study innate immunity”

12:45 Lunch

13:45 Olivier Renaudet. Joseph Fourier University (Grenoble, France)

“Chemoselective assembly of glycocluster and biological applications”

Chairperson: Joanna Luczkowiak. H12O (Madrid, Spain)

14:45 Vojtech Spiwok. Institute of Chemical Technology Prague (Prague, Czech Republic)

“How molecular modelling can inspire synthetic chemist”

15:45 Jan Vesely. Charles University (Prague, Czech Republic)

“Glycoconjugates and *Cryptococcus neoformans* and *Helicobacter pylori*”

16:45 Concluding remarks

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Registration Form

First name:..... Name:.....

Age:..... Nationality:..... Organization.....

Date of birth:..... Place of birth:.....

Address:.....

Postal code:..... Location:..... Country:.....

E-mail:.....

Tel:..... Fax:.....

Include with application the following documents:

- Short curriculum vitae
- A letter of interest

This form and the documents should be sent via e-mail
before March 31st to:

David J. Parras Guijarro, david.parras@iiq.csic.es

The organization will cover the workshop fee (lunches, coffee & tea breaks)

A limit number of stipends will be available for external students

