

Belgian Biophysical Society

Summer school on Glycobiology

4-6 June 2008

*Registration via: [www.biophysics.be](http://www.biophysics.be)*

**Wednesday, June 4**

**Thursday, June 5**

**Friday, June 6**

**General topics**

**Glycan recognition, glycosylation and glycation Glycobiology and Disease**

9.30-10:00 Welcome and coffee

Welcome and coffee

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10:00-11:00 **General view on Glycobiology**  
**Johannes Vliegthart**  
Division Bioorganic Chemistry  
Bijvoet Center, Utrecht University, NL

**Structure-function relation of glycan-mediated bacterial adhesion**  
**Julie Bouckaert**  
Structural Biology Brussels  
Vrije Universiteit Brussel and VIB, BE

**Pathogen recognition by glycan-binding receptors**  
**Kurt Drickamer**  
Division of Molecular Biosciences  
Imperial College London, UK

11:00-11:20 Pause - Coffee

Pause - Coffee

Pause - Coffee

11:20-12:20 **NMR and protein carbohydrate interactions**  
**Thomas Peters**  
Center for Structural and Cell Biology in Medicine  
University of Lübeck, GE

**Glycan and lectin mediated virus entry in macrophages**  
**Peter Delpitte**  
Department of Virology, Parasitology and Immunology  
Ghent University, BE

**Glycolipids in mycobacteria**  
**Yann Guérardel**  
Unité de Glycobiologie Structurale et Fonctionnelle  
Université des Sciences et Technologies de Lille, FR

13.00-14.00 Lunch and DPI demonstration 1 Farfield Scientific

Lunch and DPI demonstration 2 Farfield Scientific

Lunch and DPI demonstration 3 Farfield Scientific

14:00-15:00 **Biophysical methods to study protein-glycan interactions**  
**Remy Loris**  
Structural Biology Brussels  
Vrije Universiteit Brussel and VIB, BE

**Humanization of Pichia N-glycosylation: integrated engineering and case studies**  
**Pieter Jacobs**  
VIB Department for Molecular Biomedical Research,  
Ghent University and VIB, BE

**Glycan arrays and mass spectrometry**  
**Manfred Wuhrer**  
Biomolecular Mass Spectrometry Unit  
Leiden University Medical Center, NL

15:00-15:20 Pause - Refreshments

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15:20-16:20 **A role of N-glycans in protein folding**  
**Jürgen Gent**  
Cellular Protein Chemistry  
Utrecht University, NL

**Protein glycation and deglycation**  
**Emile Van Schaftingen**  
Metabolic Research Group  
UCL-ICP, BE

**GlycoHepatoTest: clinical chemistry optimisation and validation**  
**Nico Callewaert**  
VIB Department for Molecular Biomedical Research,  
Ghent University and VIB, BE

16.20-17.30

Reception and Closure

## Location

**Vrije Universiteit Brussel, Pleinlaan 2, B-1050 Brussels**  
**Welcome, coffee and first lecture (10:00-11:00) in building D, room D.2.01**  
**Other lectures in building E, room E.0.06**

## Itinerary

### By plane

Brussels Airport (Zaventem) is the largest airport in Belgium. Most international flights arrive here. From Brussels Airport you can reach our campus by train or by bus (bus 12). A taxi from the airport will cost you aprox. 29,- €.

Other airports in Belgium are :

- Ostend-Bruges (Jetair, TUI Airlines Belgium, ...), Liege (Thomas Cook, TUI Airlines Belgium, ..), Antwerp (VLM, ...) and Brussels South - Charleroi (Ryanair, ...)

### By train

Our campus is located next to the railway station "Etterbeek". Consult the timetables of the Belgian National Railroad Company. (NMBS)

### By subway

Subway stations "Petillion" and "Delta" are closest to the Campus (+/- 15 minutes walk).

### By tram or bus

- Tram 23 (Heyzel - Churchill) and get off at 'Lansiers' or at 'Etterbeek NMBS'
- Tram 25 (Rogier - Boondaal ) get off at "Lansiers" or at "Etterbeek NMBS"
- Tram 24 (Schaarbeek-Vanderkindere) get off at "Lanciers" or "Etterbeek NMS"
- Bus 34 (Transvaal - Beurs) - get off at 'Arsenaal'
- Bus 71 (Delta - De Brouckère) - get off at "Fraiseur"
- Bus 95 (Heiligenborre - Beurs) - get off at "Etterbeek NMBS"
- Bus 12 (Airport Express Line) goes straight from Brussels Airport to the city centre.

### By car

- From France / Luxemburg / Namen: E411
- From UK / Ostend (Oostende) / Brugge / Gent: E40
- From Netherlands / Antwerpen / Mechelen: A12 or E19
- From Germany / Aken / Luik / Leuven: E40

For detailed directions, please consult Google Maps or Mappy.com.

A system of electrical bollards is in use at Campus Etterbeek to limit parking and traffic nuisance. The system works on the basis of number plate recognition. This means that cars with a registered number plate are able to get on and off the campus without any problem. People whose number plate is not immediately recognised can register via the intercom.

