



ISMB Symposium 2008

'At the interface of Structural Biology, Chemical Biology, Bioinformatics, Biophysics and Proteomics'

19 and 20 June 2008

Christopher Ingold Building, UCL, 20 Gordon Street, London

Thursday 19 June (Day 1)

09.30 - 09.35

Opening comments and welcome

Gabriel Waksman, Director of the Institute of Structural and Molecular Biology (ISMB)

Chemical Biology Programme

09.35 - 10.20

Peter Seeberger, ETH Zürich, Switzerland

'Synthetic chemistry as a key tool for glycomics: Understanding fundamental aspects of Malaria and Prion disease'

10.20 - 11.05

Stefan Howorka, Institute of Structural and Molecular Biology, UK

'Chemical tools for the sensing of individual DNA strands'

11.05 - 11.30

Tea and coffee break

11.30 - 12.15

Tom Muir, The Rockefeller University, USA

'Testing the 'Histone Code' hypothesis using synthesis'

12.15 - 14.00

Lunch break

14.00 - 14.05

Afternoon session – opening comments

David Latchman, Master of Birkbeck

Structural Biology Programme

14.05 - 14.50

Stephen Harrison, Harvard University, USA

'Molecular machineries for organizing and reorganizing membranes'

14.50 - 15.35

Neil McDonald, Institute of Structural and Molecular Biology, UK

'Structural biology of the atypical receptor tyrosine kinase RET - in sickness and in health'

15.35 - 16.00

Tea and coffee break

16.00 - 16.45

Marc Baldus, Max Planck Institute for Biophysical Chemistry, Germany

'Molecular inhibition and activation studied in a membrane setting using solid-state NMR'

Biophysics / Proteomics Programme – Part 1

16.45 - 17.30

Ruedi Aebersold, Institute of Molecular Systems Biology, ETH Zürich, Switzerland

'Quantitative proteomics and systems biology'



Institute of Structural and Molecular Biology

A joint institute between Birkbeck and UCL



ISMB Symposium - 19&20 June 2008
www.ismb.lon.ac.uk



ISMB Symposium 2008

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19 and 20 June 2008

Christopher Ingold Auditorium, UCL, Gordon Street, London

Friday 20 June (Day 2)

10.30 – 10.35

Opening comments

Peter Mobbs, Executive Dean of the Faculty of Life Sciences, UCL

Biophysics / Proteomics Programme – Part 2

10.35 - 11.20

Carlos Bustamante, University of California, Berkeley, USA

'Grabbing the cat by the tail: Studies of DNA packaging by single phi29 bacteriophage particles using optical tweezers'

11.20 - 12.05

Peter Rich, Institute of Structural and Molecular Biology, UK

'Vibrational infrared spectroscopy: applications to biological electron and proton transfer'

12.05 - 14.00

Lunch break

Bioinformatics Programme

14.00 - 14.45

Peer Bork, EMBL, Germany

'Predicting biological function at different spatial scales'

14.45 - 15.30

Irilenia Nobeli, Institute of Structural and Molecular Biology, UK

'Small molecules for protein function identification'

15.30 - 16.00

Tea and coffee break

16.00 - 16.45

Michael Sternberg, Imperial College, UK

'Modelling protein structure, function and interactions'

16.45 - 16.50

Concluding remarks

Please note that lunch is not included in the Symposium arrangements but there are many sandwich shops, cafes and restaurants nearby.



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Directions

Location

Christopher Ingold Auditorium
UCL Department of Chemistry
Christopher Ingold Building
20 Gordon Street
London WC1H 0AJ



How to get to UCL

Details of how to get to UCL and a useful **route finder** are available at:
<http://www.ucl.ac.uk/maps/>

A map is also available here:
<http://www.chem.ucl.ac.uk/contact/index.html>

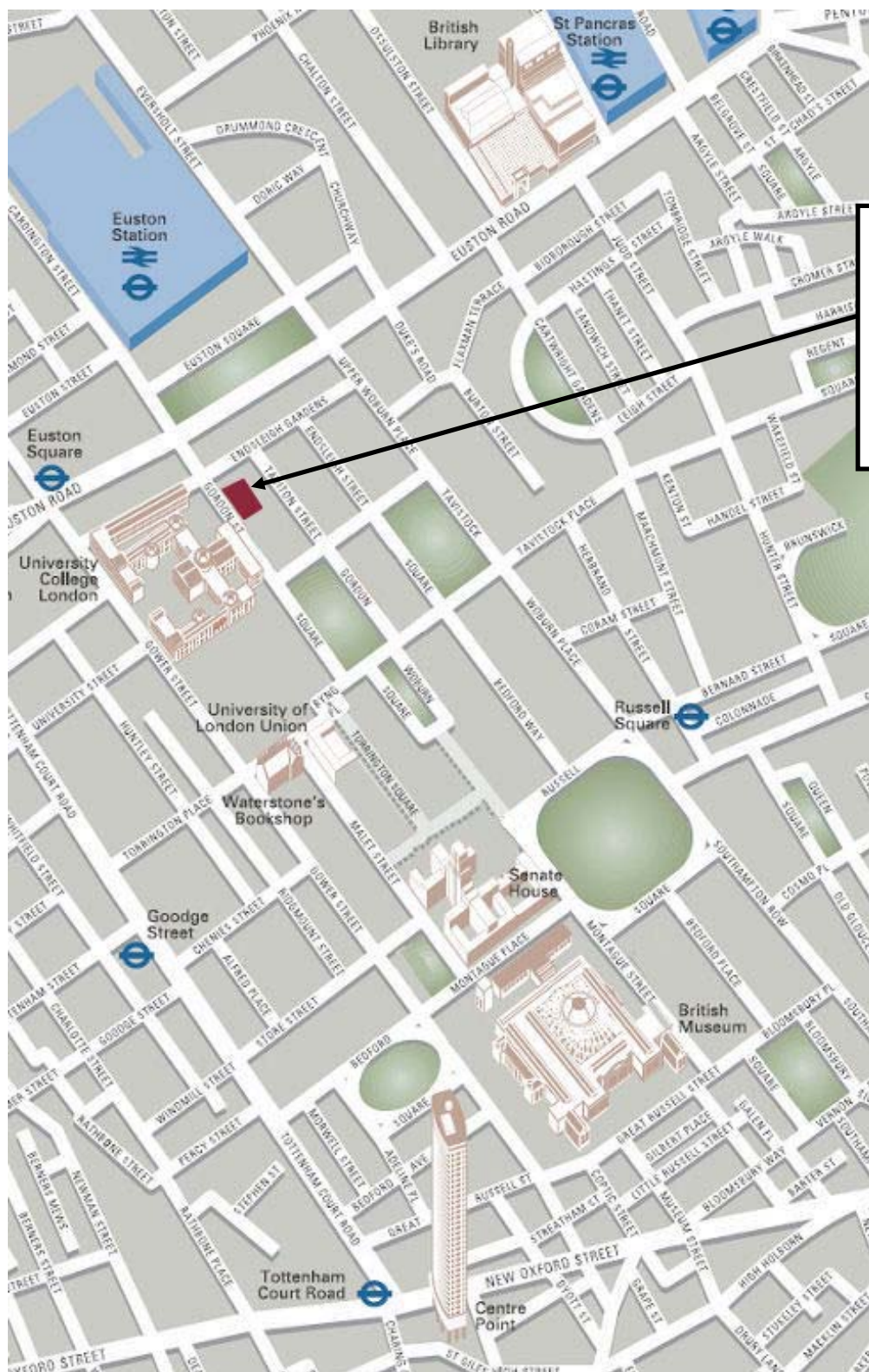
Underground stations – in order of distance from the main College building:

Euston Square | Metropolitan, Circle, and Hammersmith & City lines
Warren Street | Victoria line and Northern line (Charing Cross branch)
Euston | Victoria line and Northern line
Goodge Street | Northern line (Charing Cross branch)
Russel Square | Piccadilly line

For more details, please check the Transport for London website at:
<http://www.tfl.gov.uk/>

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Finding the Christopher Ingold building at UCL



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UCL- Department
of Chemistry**
*20 Gordon Street
London WC1H 0AJ*