

A fluorescence microscopy image of cells, showing a network of red-stained structures and several bright green spots, likely representing specific organelles or molecules within the cells. The background is dark, making the red and green signals stand out.

New Directions in Complex Molecule Delivery

28th November 2007

at

**The Edge Conference Centre
University of Sheffield**

**Organised jointly by
The Polymer Centre
University of Sheffield**

and

**RSC Industrial Affairs Division
Formulation Science and Technology Group**

Image courtesy of Giuseppe Battaglia, University of Sheffield

PROGRAMME AND APPLICATION FORM

New Directions in Complex Molecule Delivery 28 November 2007, University of Sheffield

The challenge of the formulator has always been to deliver formulated materials effectively to the site of action. Never has this been more challenging than today where developments in chemistry, biology and biochemistry have identified new more potent and targeted molecules designed to interact with ever more specific sites. Delivering these, usually, expensive materials effectively requires all of the skills of the formulation scientist utilising a vast palette of tried and tested delivery vehicles and where appropriate developing new and more complex solutions.

In conjunction with the Sheffield University Polymer Centre, the Formulation Science and Technology group of the Royal Society of Chemistry is proud to present a one day symposium on exciting new delivery vehicles and tools to add to the formulators' arsenal. Whether you are interested in the delivery of new medicinal active ingredients, sensory materials such as flavours or fragrances, cosmetic ingredients, pesticides or other complex molecules, then this event should be of interest to you. Some of these topics will be highlighted by our internationally recognised speakers drawn from both academia and industry. This is a unique chance to view a range of technologies pulled together in one location allowing for a cross fertilisation of ideas and opportunities for knowledge transfer.

In addition to the oral session there will also be a poster session and equipment suppliers' exhibition area.

PROGRAMME

- 09.00 **Coffee and registration**
- 10.00 **Chairman's Introduction**
- 10.10 **Frontiers of Drug Delivery**
Prof D S Kohane
Harvard Medical School, Massachusetts General Hospital, USA
- 11.10 **Design and characterization of polymeric water-born nanostructures**
Dr Giuseppe Battaglia
University of Sheffield, The Kroto Research Institute, Sheffield UK
- 11.40 **Targeted Delivery of Emamectin Benzoate**
Dr I Shirley
Syngenta UK, Jealotts Hill International research Station, UK
- 12.20 **Lunch**
- 13.20 **Drug Delivery for the next generation of biological therapeutics**
Dr A Donnelly
AstraZeneca, UK
- 14.20 **New approaches to design nano and micro-systems that can be used in delivery of biotherapeutics**
Dr. S. Stolnik-Trenkic
University of Nottingham, UK
- 15.00 Tea
- 15.20 **Aqueous block copolymer micelles: highly functional nanoparticle building blocks**
Prof S. Biggs, P Mantzana, T Addison, G Bacquey and Prof S. P. Armes
The University of Leeds and The University of Sheffield
- 16.00 **Delivery of Flavors and Fragrances**
Dr D Benczédi
Corporate R&D, Firmenich SA, Geneva, Switzerland
- 16.40 Close of Meeting

Registration Fee - before 14th November 2007

Members of the FSTG, Polymer centre and Polymer IRC	+ £110.00
Non members	+ £150.00
Student members	+ £45.00

Cancellation arrangements: The conference organisers reserve the right to make a charge of £30.00 if a cancellation is made prior to the 14th November 2007. If a cancellation is made after this date then the full registration fee will become payable.

To Register

Please go to <http://www.polymercentre.org.uk/fstg/registration.php>

Please return the registration form by FAX or MAIL to

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