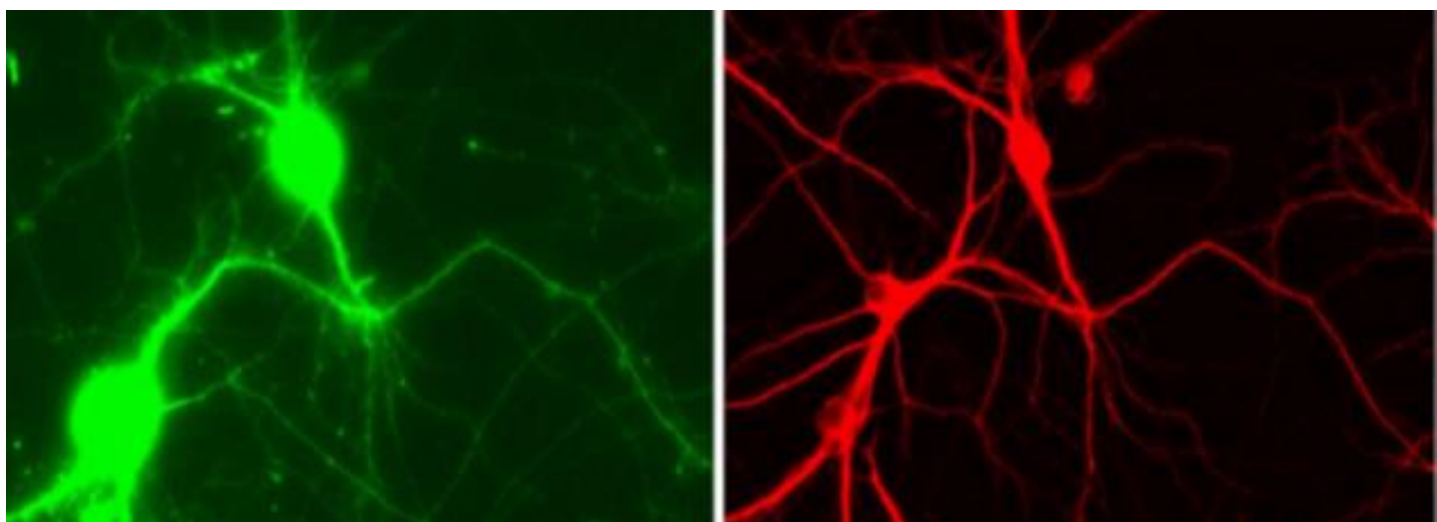




RSC Biotechnology Symposium 2019: Micro/Nanotechnologies for Diagnostics and Therapeutics



12 April 2019
The Chemistry Centre
Burlington House, London
Programme and Application Form

Micro/Nanotechnologies for Diagnostics and Therapeutics

12 April 2018, Burlington House, London

The RSC Biotechnology Group would like to invite you to participate in this exciting one-day symposium, which will showcase the state-of-the-art in using micro/nanotechnologies for diagnostics and therapeutics.

It is an opportunity for the community working in materials science, chemistry, pharmaceuticals, biotechnology and bioengineering to come together with leading nationally and internationally recognised experts to explore the science and technology in the field. We welcome industrial scientists/engineers, academics, early career researchers and PhD students to join us. **Please submit your abstract to Dr Michael Chen (Michael.Chen@ed.ac.uk).**

Draft Programme

09.00 ***Coffee & Registration***

Session I Chair: Michael Chen, Institute for Bioengineering, The University of Edinburgh

09.30 **Andrew Owen**, Institute of Translational Medicine, University of Liverpool, Long-acting injectable medicines: changing the paradigm for treatment of chronic diseases

10.00 **Nguyen Thanh, Department of Physics & Astronomy**, University College London, Plasmonic and magnetic nanoparticles for biomedical applications

10.30 **Giuseppe Mantovani**, School of Pharmacy, University of Nottingham, Nanomedicine for advanced diagnostics (tentative, to be confirmed)

11.00 **Helen Townley**, Medical Science Division, University of Oxford, Engineered nanoparticles for applications in paediatric cancers'

11:30 *Oral presentations from abstracts*

11:45 *Oral presentations from abstracts*

12.00 ***Lunch & Posters***

Session II Chair: Francis Lister, Cancer Research UK

13.30 **Eleanor Stride**, Institute of Biomedical Engineering, University of Oxford, Engineering Microbubbles for Theranostic Applications

14.00 **Antonis Kanaras**, Institute for Life Sciences, University of Southampton, Colloidal gold nanoparticles for sensing and drug delivery

14:30 **Sebastien Perrier**, Department of Chemistry, University of Warwick, Functional nanoparticles for drug delivery

15:00 *Oral presentations from abstracts*

15.15 ***Coffee***

Session III Chair: Francis Lister, Cancer Research UK

15.45	Poster prize announcements
16.00	<i>Oral presentations from abstracts</i>
16.15	Michael Crichton , School of Engineering and Physical Sciences, Heriot-Watt University, Skin: exploiting this key site for diagnostics and therapeutics
16.45	Eneko Larrañeta , School of Pharmacy, Queen's University Belfast, Microneedles for high-dose drug delivery: addressing global healthcare challenges
17:15	Closing Remarks

Venue and Application

The conference will be held at the Chemistry Centre, Burlington House, Piccadilly, London W1J 0BA
<http://www.rsc.org/AboutUs/Contacts/BH.asp>

Application should be made using the registration form which can be found on this website:

<http://www.homepages.ucl.ac.uk/~ucbepad/RSCNano.html>

The organisers can be contacted at the following email-address: fgalister@gmail.com or michael.chen@ed.ac.uk

A late application fee will apply after **22 March 2019**. Refunds can only be made in respect of cancellations received before 22 March 2019. Substitutions are possible at any time.

Fees

Payment may be made by PayPal using the following buttons. Please include the delegate name in the instruction and send a copy of the payment advice with the application form. The fees include attendance at the sessions, lunch and refreshments. The organisers are not registered for VAT and tax invoices cannot be issued.

	Standard	Late Registration (after 22 March 2019)
	£	£
RSC members	100	120
Non-members	115	135
Student/Post-doc RSC Members	60	70
Student/Post-docs	70	80
Retired RSC members	60	70

Posters

PhD students and early career scientists who would like to present their work as a poster are invited to submit an abstract by March 22nd **2019**. A Poster Application Form is available from Dr Michael Chen (michael.chen@ed.ac.uk). Some of these will be selected by the organising committee for short oral presentations.

Travel Grants

PhD students, post-doctoral fellows and early career scientists in industry who are RSC Members and who present a poster can apply for a personal Travel Grant via a link on the RSC website under FUNDING. (No funds for this purpose are available from the organisers.)

Sponsorship

The organisers are pleased to acknowledge a *Science Meetings Grant* from the Royal Society of Chemistry's *Chemistry and Biology Interface Division* (CBID).

Organisers

Michael Chen (co-Chair), School of Engineering, The University of Edinburgh

Francis Lister (co-Chair), *Cancer Research UK*

under the auspices of The Biotechnology Group of the Royal Society of Chemistry.

The Biotechnology Group is the focal point within the RSC for members who have an academic or industrial interest in the chemical aspects of biotechnology. For more information please visit the website (<http://www.rsc.org/Membership/Networking/InterestGroups/Biotechnology>) and feel free to contact the Chairman, Prof Paul Dalby (p.dalby@ucl.ac.uk), or the Secretary, Dr Colin Bedford (c.t.bedford@ucl.ac.uk).

Title (Calibri 14 bold)

Presenting Author, Other Authors (Calibri 12 italics)

Organisation (Calibri 12)

Address of organisation (Calibri 12)

E-mail address (optional)

Please do/do not consider my abstract for a twenty-minute oral presentation [delete as appropriate]

Abstract text (Calibri 11)