



WORLD BIOPHARM FORUM

New Frontiers in Nanomedicine

Closing date for registration is 10th October 2007.

London Hammersmith
Hospital Conference
centre, UK
October 15,16,2007



World BioPharm Forum: New Frontiers in Nanomedicine
Hammersmith hospital Conference Centre, London, UK
15–16 October 2007

Programme Schedule:

DAY 1 15th OCTOBER 2007

- 09:00 Registration
- 09:50 **Welcome and Introduction**
Dr. G. Subramanian
- 10:00 **Keynote lecture: Nanomedicine: hype or gold mine.**
Prof. K. Kostarelos (School of Pharmacy, London)
- Session I.
10:30-13:00 **Structural Chemistry and Biochemistry in Nanomedicine**
Chair: Dr. S. M. Moghimi (Brighton University)
- 10:30 **Polymers in nanomedicine: Chemistry meets biology**
Dr. A. C. Hunter (Brighton University)
- 11:00 **Advances in polymer engineering for nanomedicine**
Prof. D. M. Haddleton (Warwick University)
- 11:30 Coffee break
- 12:00 **De novo self-assembling peptide materials**
Dr. M. G. Rayadnov (Bristol University)
- 12:30 **Photoactive liposomes in tissue engineering**
Prof. Y. Perrie (Aston University)
- 13:00 Lunch
- Session II. Drug Delivery and Targeting
14:15-15:45 *Chair: Prof. Y. Perrie (Aston University)*
- 14:15 **Nanomedicine in Delivery of Macromolecules**
Prof. T. Rabbitts (University of Leeds)
- 14:45 **Nanoparticle approaches for targeted delivery.**
Prof. N. Slater (University of Cambridge)
- 15:15 **Quantum Dot-liposomes hybride for combinatory cancer diagnosis and therapy**
Dr. K. Al-Jamal (School of Pharmacy, London)
- 15:45 Coffee break
- Session III.
16:15-17:45 *Chair: Prof. J. Szebeni (Semmelweis University, Hungary)*
- 16:15 **Keynote lecture: Complement system and nanomaterials**
Prof. R. B. Sim (University of Oxford)
- 16:45 **Complement activation by polymers and polymeric constructs**
Dr. S. M. Moghimi (University of Brighton)
- 17:15 **Mechanisms and approaches for the prevention of adverse immune reactions to nanomedicines**
Prof. J. Szebeni (Semmelweis University, Hungary)
- 17:45 Close of Day 1.
- 18:00-19:00 Wine reception

DAY 2 16th OCTOBER 2007

- Session IV.
10:00-11:00 **Cancer Nanomedicines**
Chair: Prof. J. Dobson
- 10:00 **Antibody-nanoparticle conjugates for targeted theragnosis in cancer.**



Dr. D. Marsh (University college London)

10:30 **Systemic anticancer gene therapy with synthetic vector systems.**
Prof. A. Schatzlein (School of Pharmacy, London)

11:00 *Coffee break*

Session V.
11:30-13:30 **Nanotechnology in Healthcare**
Chair: Prof. A. Schatzlein (School of Pharmacy, London)

11:30 **Nanotechnology: applications in healthcare**
Dr. L. Fass (GEHealthcare)

12:00 **Nanostructural bioactive scaffolds as bonegraft replacements.**
Dr. J. R. Jones (Imperial College, London)

12:30 **Regenerative medicine approaches to treating lung cancer.**
Dr. S. Janes (University College, London)

13:00 **Getting drugs across biological barriers: a role for polymers.**
Prof. I. F. Uchehgbu (School of Pharmacy, London)

13:30 *Lunch*

Session VI.
14:45-17:45 **Nanoscale Analysis and Imaging**
Chair: Prof. Q. Pankhurst (Centre for Nanotechnology, London)

14:45 **Keynote lecture: Applications of magnetic nanoparticles in biology and medicine.**
Prof. J. Dobson (Keele University)

15:15 **Nanoscale optics and spectroscopy for cell imaging.**
Dr. I. Notingher (University of Nottingham)

15:45 **Nanoscale analysis of pharmaceuticals.**
Prof. C. Roberts (University of Nottingham)

16:15 *Coffee break*

16:45 **Intraoperative sensing of magnetic biomarkers.**
Prof. Q. Pankhurst (Centre for Nanotechnology, London)

17:15 **Nanoscale biomarkers for magnetic resonance imaging and targeting of stem cells.**
Dr. M. Lythgoe (University College, London)

17:45 *End of Session*

17:50 **Concluding remarks and close of conference.**
Dr. G. Subramanian

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Please complete the registration form in Block Capitals and email to:

gsub@subramanian.org.uk

Full Name: _____

Job Title: _____

Organisation: _____

Address: _____

Postcode: _____ **Country:** _____

Tel: _____ **Fax:** _____

Email: _____

Registration fees:

Conference with no accommodation: £100

Method of payment:

- Bank Transfer
- Cheque payable to G. Subramanian and post it
22,Frans Hals Court
87,Amsterdam Road
London E14 3UX
UK