

GLOBAL PARTNERSHIPS FUND UK-KOREA LIFE SCIENCES FOCAL POINT PROGRAMME

2nd UK-KOREA International Symposium Nanomedicine & Molecular Imaging

1st November 2012 9:00am - 5:00pm UCL School of Pharmacy Mapelthorpe Lecture Theatre

Organized by







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Nanomedicine and Molecular Imaging project

This is a project awarded to the Nanomedicine Lab at the UCL School of Pharmacy in the context of the Life Sciences Focal Point Programme, by the Department of Business Innovation and Skills (BIS) and the British Embassy in Seoul, South Korea. With this project BIS seeks to strengthen the collaboration between UCL and the Seoul National University (SNU) aiming to form a UK-KOREA network for Nanomedicine.

2nd UK-KOREA INTERNATIONAL SYMPOSIUM ON NANOMEDICINE AND MOLECULAR IMAGING

This is the second Symposium of the series. The first took place at Seoul National University on February 2012. The aim of this Symposium is to present the latest findings in the area of Nanomedicine and Molecular Imaging between Korean and European researchers.

Programme

08:30 - 09:00 Morning coffee

Session I - Imaging Tools for Nanomedicine

09:00 - 09:10

Welcome and presentation of the UK- KOREA project in "Nanomedicine and Molecular Imaging" Kostas Kostarelos - UK Team Coordinator UCL School of Pharmacy, UK

09:10 - 09:50

In vivo molecular imaging for translational research Keon Wook Kang - Korean Team Coordinator Department of Nuclear Medicine & Cancer Research Institute, Seoul National University College of Medicine, Seoul, Republic of Korea

09:50 - 10:30

Illuminating biomedical discovery with advanced photonic imaging Vasilis Ntziachristos Institute for Biological and Medical Imaging Helmholtz Zentrum München & Technical University of Munich, Germany

10:30 - 11:10

The use of microSPECT/CT imaging as a screening tool in drug and radiopharmaceutical development Jane Sosabowski Centre for Molecular Oncology, Barts Cancer Institute, UK

11:10 - 11:30 Coffee break

Session II - Polymer-based Nanomedicine

11:30 - 12:10

Nanostructured conjugated polymers for diagnostic applications

Dong June Ahn Department of Chemical & Biological Engineering, Korea University, Seoul, Republic of Korea

12:10 - 12:50

Designing delivery systems via molecular bionics Giuseppe Battaglia

The Krebs Institute, The Centre for Membrane Interactions and Dynamics & Department of Biomedical Science, University of Sheffield, UK

12:50 - 13:30

A new theranostic nano hydrogel to treat the ischemic lesions Hwan-Jeong Jeong Department of Nuclear Medicine, Chonbuk National University Medical School and Hospital, Jeonju, Jeonbuk, Republic of Korea

13:30 - 14:30

Lunch break

Session III - Nanomaterials and Nanotoxicity

14:30 - 15:10

Biomedical applications of magnetic nanoparticles Quentin Pankhurst

Institute of Biomedical Engineering, University College London, London, UK

15:10 - 15:50

Biomedical applications of graphene derivatives Dal-Hee Min Department of Chemistry, Seoul National University, Seoul, Republic of Korea

15:50 - 16:30

Structure-Toxicity Relationships for Metal Oxide Nanoparticle–Induced Lung Inflammation

Wan-Seob Cho Department of Medicinal Biotechnology, College of Natural Resources and Life Science, Dong-A University, Republic of Korea

16:30 - 17:00

Coffee and discussion for future collaborations

17:00 Symposium closure

The symposium is OPEN. Registration not required. Access info: http://www.ucl.ac.uk/pharmacy/contact-us/

For more information please contact us in Tel: ++44 207 7535956 Email: info@nanomedicinelab.com