



University of Lisbon



Cardiff University

FIRST ANNOUNCEMENT

ESF Summer School in Nanomedicine

Vale Hotel, Hensol, near Cardiff : 10th-15th June 2007

Webpage: <http://nanoschool.cardiff.ac.uk>

Email : nanoschool@cardiff.ac.uk

Background and Aims

The ESF Forward Look Report on Nanomedicine (2005; www.esf.org) recommended the need to establish Pan-European conferences and training that was truly interdisciplinary and covered the broad field of Nanomedicine. A first and highly successful ESF Research Conference on Nanomedicine was recently held at Sant Feliu de Guixols, Spain, 15th-20th September 2006. This will be followed by the first ESF Summer School in Nanomedicine that will take place in South Wales in the summer of 2007. The Summer School will be a biennial event to be held at different locations throughout Europe. In 2009 it will be hosted by the University of Lisbon

This Summer School will provide state of the art training across the sub-disciplines of Nanomedicine. The lectures will introduce Nanomedicine at a level that will be accessible to PhD students, Postdoctoral Fellows and others new to the field particularly early career academics, industrialists and medical doctors.



Topics to be covered include

- Nanomedicine - Current status
- Specific clinical applications
- Synthesis, fabrication and characterisation of nanomaterials and devices
- Theory, Modelling and Informatics
- Diagnostics, Biosensors & Surgical Tools
- Molecular & Patient Imaging
- Nanopharmaceuticals
- Tissue engineering & Regeneration
- Nanotoxicology & Cellular Fate
- Regulation of Nanomedicines, Diagnostics & Devices
- Ethical Issues and Societal Issues

Leading European Experts in each of the sub-disciplines will teach a carefully integrated programme, and the faculty will be available all week for informal tutorials and discussions. Presentational material will be available to delegates.

Who should attend: The ESF Summer School in Nanomedicine will be accessible to participants with diverse backgrounds (including Chemistry, Physics, Engineering, Biology, Pharmaceutical Sciences, Medicine-Ethics and also Theory, Modelling and Informatics) and with an interest in this newly emerging interdisciplinary field. The course will be specifically tailored to early career researchers and medical doctors and will provide a forum for international networking and exchange in this important new field.

Registration Package and Deadlines: The registration package will include hotel accommodation at the Vale Hotel Resort (www.vale-hotel.com) from Sunday 10th June to Friday 15th June 2007, all meals and access to the Health Club facilities. A number of grants to support attendance will be available.

Summer School Faculty so far confirmed

Saghir Akhtar (UK)
 Stefaan De Smedt (B)
 Ruth Duncan (UK)
 Rogerio Gaspar (PT)
 Mauro Giacca (IT)
 Peter Griffiths (UK)
 Mark Gumbleton (UK)
 Arwyn Jones (UK)
 Harm-Anton Klok (CH)
 Karsten Mäder (DE)
 Andrew McCaskie (UK)
 Hans Oberleithner (De)
 Fernando Palacio (Es)
 Nick Pigeon (UK)
 Helmut Ringsdorf (De)
 Vicki Stone (UK)
 Ijeoma Uchegbu (UK)
 Maria Jesus Vicent (Es)

Registration Package before 10th March 2007: Single Occupancy Room **£ 900** Double Occupancy Room **£750**

Further Information and Registration Procedures see the 2007 Summer School in Nanomedicine website at <http://nanoschool.cardiff.ac.uk>

You may also contact the local organiser, Dr Mark Gumbleton, via email at nanoschool@cardiff.ac.uk