

2011

03/01/2011

“Optical Imaging In-vivo: from insects to vertebrates”

Dr. Jorge Ripoll (Foundation for Research and Technology-Hellas, Crete)

01/02/2011

“EBNA1, Virally Encoded DNA Binding Protein Engaging Cellular Host Promoters. A Direct Viral Intervention in Cellular Gene Expression”

Prof. Allon Canaan, (Yale University, USA)

11/03/2011

“Interactions between oligomannosides and the human antibody 2G12 (anti-HIV-1) studied by NMR spectroscopy and theoretical calculations”

Pedro Miguel Enríquez (CIC biomaGUNE)

18/03/2011

“Design and synthesis of biofunctional magnetic/fluorescent glyco-nanoparticles and quantum dots and their applications as specific molecular imaging probes”

Juan Gallo (CIC biomaGUNE)

08/04/2011

“Chemical Biology and Glycomics of Heparan Sulfates: Towards a Systems View”

Prof. Jerry Turnbull (University of Liverpool, UK)

15/04/2011

“MRI Cell Tracking using Magnetic Nanoparticles”

Prof. Jeff Bulte (The Johns Hopkins University School of Medicine, USA)

18/05/2011

“Immunogenic glycans as targets for intervention in schistosomiasis”

Dr. C.H. Hokke (Leiden University Medical Center, The Netherlands)

20/05/2011

“Proteins at soft interfaces: A self-assembly, structure, kinetics and function study”

Aitziber Eleta (CIC biomaGUNE)

17/06/2011

“Phenolic glycosides and carbohydrate-DNA conjugates: basic research and potential therapeutic applications”

Dr. Juan Carlos Morales (Instituto de Investigaciones Químicas, Madrid, CSIC)

20/06/2011

“Minimalistic pseudopeptides: from Nature to no-natural....From non-natural to nature??”

Prof. Santiago V. Luis (Universitat Jaume I, Castellón, Spain)

14/07/2011

“Photoactivable Platinum and Ruthenium Anticancer Complexes”

Dr Luca Salassa (University of Warwick, UK)

13/09/2011

“Molecular Control of Erythrocyte Transbilayer Phospholipid Asymmetry in Health and Disease”

Dr. David Daleke (Indiana University, US)

16/09/2011

“Impedimetric Genosensors and Aptasensors Employing Nanomaterials”

Prof. Manel del Valle (Universitat Autònoma de Barcelona, Spain)

23/09/2011

“Fullerenes for Biological and Materials Sciences”

Prof. Dr. Nazario Martín León (Universidad Complutense de Madrid and IMDEA Nanociencia, Spain)

29/09/2011

“pH-dependent transmembrane peptide insertion: mechanism and uses in tumor targeting and drug delivery”

Dr. Donald Engelman (Yale University, USA)

11/10/2011

“Polysaccharides-decked non-viral vectors for efficient delivery of nucleic acids in vitro and in vivo”

Prof. Kailash C. Gupta (Polymer Research Laboratory, Department of Chemistry, Indian Institute of Technology, India)

20/10/2011

“Strong control through weak bonds: steering the self-organization of soft systems”

Dr. Mirjam Leunissen (AMOLF, The Netherlands)

28/10/2011

“Small animal Optical Tomography fused with PET and CT for multimodal imaging”

Dr. Anikitos Garofalakis (CEA, INSERM, France)

04/11/2011

“Iron oxide nanoparticles for biomedical applications”

Dr. María del Puerto Morales (Instituto de Ciencia de Materiales de Madrid (CSIC), Spain)

08/11/2011

“The physics of nerves, anesthesia and lipid membrane channels”

Dr. Thomas Heimburg (University of Copenhagen, Denmark)

11/11/2011

“Modular organization and glycosylation of the long pentraxin PTX3 dictate its biological function”

Dr. Antonio Inforzato (IRCCS, Italy)

16/11/2011

“Assembly and Physico-chemical Characterization of Supramolecular Polyelectrolyte Nanostructures”

Jagoba Iturri (CIC biomaGUNE)

18/11/2011

“Gold Nanoparticles for Gene Therapy and Photo-thermal Ablation”

Jesús Martínez de la Fuente (University of Zaragoza-Instituto de Nanociencia de Aragón, Spain)

25/11/2011

“Molecular gates”

Prof. Ramón Martínez Máñez (Universidad Politécnica de Valencia, CIBER-BBN, Spain)

01/12/2011

“Shaping lipid membranes in cells”

Dr. Margarita Staykova (Princeton University, USA)

02/12/2011

“In vivo Molecular Imaging, a patient-friendly window on live chemistry”

Prof. Bertrand Tavitian (CEA-DSV-I2BM-SHFJ-LIME, Orsay, France)

16/12/2011 – Christmas Lecture

“Prions: Minimalist pathogenic agents with maximum complexity”

Dr. Jokín Castilla(CIC bioGUNE, Derio, Spain)