

2012

19/01/2012

“Membrane organisation at the immunological synapse of T cells - Fluorescence microscopy studies”

Marek Cebecauer (Heyrovsky Institute, Czech Republic)

26/01/2012

“Alzheimer disease - proposal for early detection via Positron Emission Tomography and for a drug”

Dr. Marcin Balcerzyk (Centro Nacional de Aceleradores, Universidad de Sevilla)

27/01/2012

“Exploring cognitive impairment in mouse models of disease”

Dr. Garikoitz Azkona (Inbiomed Foundation, San Sebastián)

02/02/2012

“Electrophilic fluorinations with high specific radioactivity [^{18}F]F2 at Turku PET Centre”

Olli Eskola (Turku PET Centre, Finland)

06/02/2012

“Nanoparticles and Metallodendrimers as Sensors and Catalysts”

Prof. Didier Astruc (University of Bordeaux I, France)

10/02/2012

“Synthesis of calixarene-based glycoclusters: Influence of the spacer arm on the affinity for lectins”

Dr. Sébastien Vidal (Université Lyon 1, France)

17/02/2012

“The impact of nanoencapsulation for PDT treatment and monitoring of preneoplastic skin lesions”

Dr. Paulo Cesar de Moraes (Universidade de Brasília, Brasil)

29/02/2012

“Paramagnetic Gd-based gold glyconanoparticles as probes for magnetic resonance imaging”

Ainhoa Irure

20/03/2012

“Imaging metabolism - Watching tumours gasp and die with hyperpolarized MRI”

Prof. Kevin Brindle (University of Cambridge, UK)

23/03/2012

“Organometallic Chemistry in Molecular Imaging”

Prof. Nick J. Long (Imperial College London, UK)

24/04/2012

“Positron-Emitting Radiopharmaceuticals - Windows on Cancer”

Prof. Jason S. Lewis (Memorial Sloan-Kettering Hospital, USA)

04/05/2012

“Nanoparticle-functionalized microcapsules for in vitro delivery and sensing”

Dr. Wolfgang J. Parak (Philipps Universität Marburg, Germany)

08/05/2012

“The mystery of anesthesia: why are membrane proteins so sensitive to small solutes?”

Dr. Robert S. Cantor (Dartmouth College, USA)

16/05/2012

“Using glycans to modulate the immune response”

Dr. Juan Jesús García-Vallejo (Vrije Universiteit, Netherlands)

22/05/2012

“Crowding-assisted polymer sensing with a nanopore”

V. Adrian Parsegian (University of Massachusetts Amherst, USA)

14/06/2012

“Elasticity of membranes and rheology of biofluids at the microscale”

Aurora Hernandez-Machado (University of Barcelona)

28/06/2012

“¹¹C-Carbonylations as a tool for radiolabelling - an overview covering radiochemistry and some clinical PET examples”

Prof. Gunnar Antoni (Uppsala University Hospital, Sweden)

18/07/2012

“Compressive mechanics of hyaluronan-rich pericellular matrices - A study on a biomimetic model film, combining atomic force and reflection interference contrast microscopy”

Seetharamaiah Attili

12/09/2012

“Engineering nanoplasmonic colloids for detection and sensing”

Prof. L.M. Liz-Marzán

18/09/2012

“Templation, Cellular Uptake, Biological Fate and Toxicity of Surface Engineer Poly (lactide-co-glycolide) Nanoparticles and Carbon Nanotubes”

Gabriela Romero Uribe

19/09/2012

“Advanced functionality of delivery vehicles and nano/micro-patterned surfaces for biomedical applications”

Dr. Mihaela Delcea (University of Greifswald, Germany)

20/09/2012

“¹⁸F - Radiochemistry”

Prof. Philip Elsinga (University Medical Center Groningen, Netherlands)

09/10/2012

“Of surfaces, ions, lipids, and platelets: Interactions of biological model systems with inorganic oxides”

Dr. Ilya Reviakine

22/10/2012

“Bioanalytical Platforms for Blood Analysis at the Point of Care”

Prof. Lourdes Basabe-Desmots (Ikerbasque Research Professor at CIC microGUNE)

31/10/2012

“Up-Converting Nanoparticles for single-cell thermal sensing”

Prof. Daniel Jaque (Universidad Autónoma de Madrid, Spain)

05/11/2012

“Multicompartmental Particles and Fibers”

Prof. Joerg Lahann (University of Michigan, USA & KIT, Germany)

22/11/2012

“Different Approaches to Biosensing”

Dr. Valery Pavlov

04/12/2012

“Coordination Chemistry and Target-Specific Delivery of Radioactivity”

Prof. Isabel Rego do Santos (Universidade Técnica de Lisboa, Portugal)

10/12/2012

“Neutron and Synchrotron Radiations for Glycosciences”

Serge Pérez, CNRS, Grenoble, France

14/12/2012

“Gold glyco-nanoparticles as multivalent nanocarriers for carbohydrate-antigens”

Fabrizio Chiodo

17/12/2012

“What theoretical modeling provides for our understanding and predicting properties of nanostructures and biomolecules”

Prof. Angel Rubio (UPV/EHU)