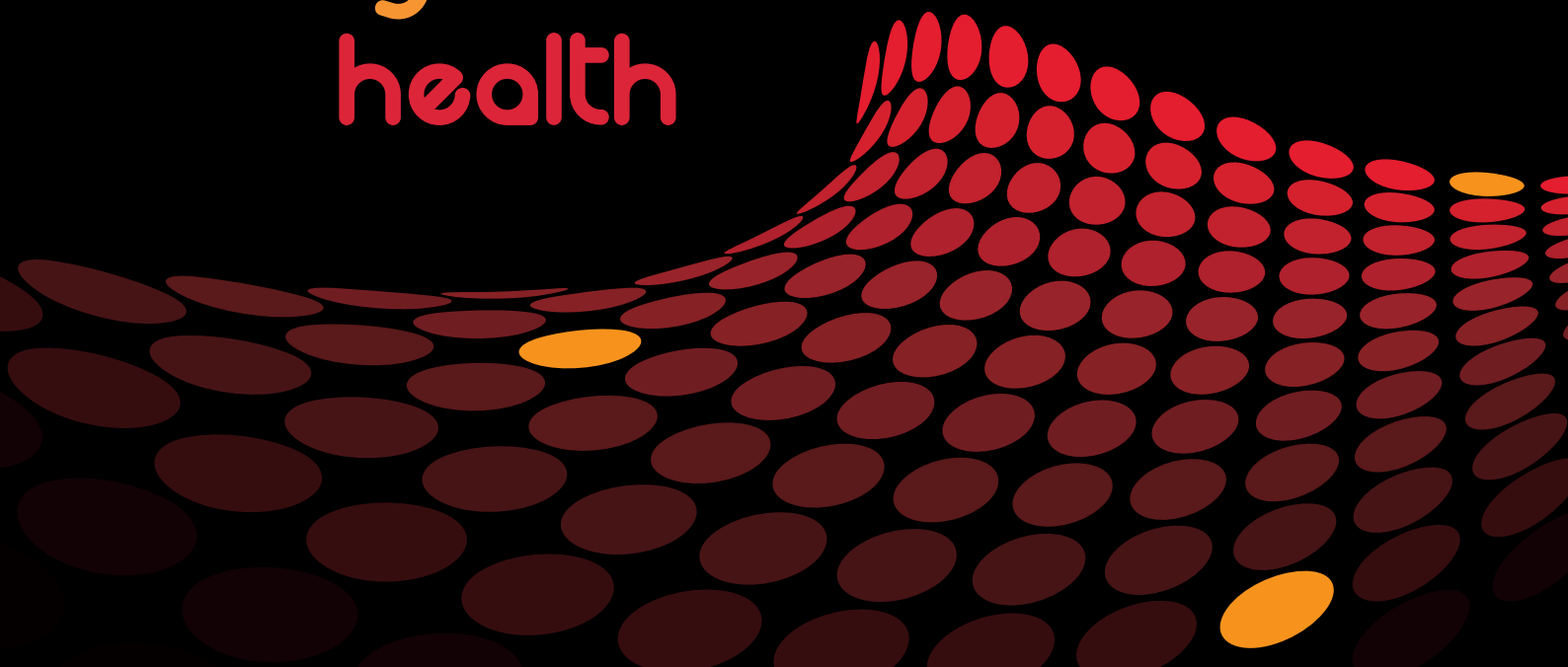


**ICFO** Barcelona May 30|31, 2011





Monday, May 30    Light for Neurology and Neurosciences

09.30	Registration and Welcome coffee
10.00	Welcome Address
Morning Session: Photonics in Neurology and Neuroscience	
10.05	Session 1: Opportunities and Challenges for Diffuse Optics in the Clinic John Detre (University of Pennsylvania, USA)
10.50	Session 2: Shedding light on the human body: the use of near infrared spectroscopy to monitor tissue oxygenation, haemodynamics and metabolism Clare Elizabeth Elwell (University College London, UK)
11.35	COFFEE BREAK, POSTER SESSION & SPONSOR EXHIBITION
12.10	Session 3: Energetics of Brain Activation and the Role of Optics David Boas (Massachusetts General Hospital, USA)
12.55	Session 4: In vivo imaging of axon degeneration Thomas Misgeld (Technical University of Munich, Germany)
12.40	NETWORKING LUNCH & SPONSORS EXHIBITION
Afternoon Session: Advanced Imaging in Neurology and Neurosciences	
15.00	Session 5: 2-Photon in vivo imaging of laser-mediated microlesions in the adult brain Vincenzo DePaola (Imperial College London, UK)
15.45	Session 6: Sub-diffraction organization of post synaptic molecules in live neurons using high-density single molecule imaging Jean-Baptiste Sibarita (CNRS, France)
16.30	Session 7: Imaging Beyond the Diffraction Limit Peter Drent (Nikon Instruments Europe, The Netherlands)
17.00	European Release of the N-STORM Super-resolution Microscope System by Nikon
	COFFEE BREAK & SPONSORS EXHIBITION
	Visit to the Super-resolution Light Microscopy & Nanoscopy (SLN) Lab (part 1)
	Visit to the Nikon Center of Excellence in STORM
19.30	Poster session
	L4H EVENT DINNER

Tuesday, May 31    Light for Oncology

Morning Session: Photonics in Oncology	
09.30	Session 1: Nanoplasmonics on Phospholipid Membranes Jochen Feldmann (Ludwig Maximilian University of Munich, Germany)
10.15	Session 2: Plasmon nano-optics: Taming light and heat at the nanoscale for Oncology Romain Quidant (ICFO, Spain)
11.00	COFFEE BREAK, POSTER SESSION & SPONSOR EXHIBITION
11.35	Session 3: Monitoring Tumor Resistance to Pharmacological Targeting of Angiogenesis in Cancer Oriol Casanovas (Catalan Institute of Oncology – IDIBELL, Spain)
12.20	Session 4: In Vivo Cancer Therapy Monitoring with Diffuse Optics Regine Choe (University of Rochester, USA)
13.05	NETWORKING LUNCH & PRESS & MEDIA
Afternoon Session: Photonics in Oncology	
14.45	Session 5: Tumor-initiating cells in glioblastoma. Targeting the root of cancer Joan Seoane Suárez (Vall d'Hebron Institute of Oncology, Spain)
15.30	Session 6: Infrared multiphoton microscopy to monitor tumor invasion and experimental therapy in vivo Bettina Weigelin Radboud (Radboud University Nijmegen Medical Centre, The Netherlands)
16.15	Session 7: To be announced Adela Ben-Yakar (University of Texas, USA)
17.00	COFFEE BREAK & SPONSORS EXHIBITION
	Visit to the Super-resolution Light Microscopy & Nanoscopy (SLN) Lab (part 2)
	Visit to the Nikon Center of Excellence in STORM
	Poster session





For more information please contact  
[L4H@icfo.es](mailto:L4H@icfo.es) or visit [www.light4health-icfo.es](http://www.light4health-icfo.es)

