



PROGRAMME  
SEPTEMBER 24-26, 2007

**Innovative Chemokine-based Therapeutic Strategies for Autoimmunity and Chronic Inflammation (INNOCHEM)**

**METHODOLOGICAL APPROACHES TO LEUKOCYTE MIGRATION**

LOCATION: DEPARTMENT OF IMMUNOLOGY & ONCOLOGY  
CENTRO NACIONAL DE BIOTECNOLOGIA/CSIC  
MADRID, SPAIN

**MONDAY - SEPTEMBER 24, 2007**

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08:30	<i>Bus departure from Hotel Chamartin to CNB</i>
09:00-09:30	<i>Arrival of the participants and Breakfast</i>
09:30 – 09:45	Welcome addresses
09:45 – 10:30	<b>Mario Mellado</b> - Centro Nacional de Biotecnologia/CSIC, Madrid, Spain Chemokine receptor dimerization: several facets of a single molecule
10:30 – 11:15	<b>Antonella Viola</b> – Humanitas, Milan, Italy T cell costimulation by chemokine receptors
11:15-11:45	Coffee Break
11:45 – 12:30	<b>Marcus Thelen</b> - Institute for Research in Biomedicine, Bellinzona, Switzerland Application of fluorescence microscopy to monitor chemokine activities <i>in vitro</i> .
12:45 – 14:30	<i>Lunch</i>
15:00 – 18:30	<b>Practical part: Concepts on fluorescence and confocal microscopy. Initiation to FRET and TIRF</b> <b>Bülent Peker</b> - Olympus Life and Material Science Europe, Hamburg, Germany <b>Jaume Boix</b> - Olympus España, S.A. U. Barcelona, Spain
19:00 – 20:00	<i>Dinner</i>
20:00	<i>Bus departure from CNB to Hotel Chamartin</i>



**TUESDAY - SEPTEMBER 25, 2007**

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- 08:30 *Bus departure from Hotel Chamartin to CNB*
- 09:00-09:30 *Arrival of the participants and Breakfast*
- 09:30 – 10:15 **Massimo Locati** – Humanitas, Milan, Italy  
The chemokine decoy receptor D6: mechanism of action and role in vivo
- 10:15 – 11:00 **Paul Proost** - Rega Institute for Medical Research, Leuven, Belgium  
Use of proteomics in chemokine research
- 11:00 – 11:30 Coffee Break
- 11:30 – 12:15 **Mariagrazia Ugucioni** – Institute for Research in Biomedicine, Bellinzona, Switzerland  
*In situ* characterization of chemokine expressing cells
- 12:45 – 14:30 *Lunch*
- 15:00 – 18:30 **Practical part on FRET: FLIM and photobleaching**  
**Peter Kapusta** - PicoQuant GMBH, Berlin, Germany  
**Jaume Boix** - Olympus España, S.A. U., Barcelona, Spain
- 19:00 – 20:00 *Dinner*
- 20:00 *Bus departure from CNB to Hotel Chamartin*

**WEDNESDAY - SEPTEMBER 26, 2007**

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- 08:30 *Bus departure from Hotel Chamartin to CNB*
- 09:00-09:30 *Arrival of the participants and Breakfast*
- 09:30 – 10:15 **Jens Stein** – Theodor Kocher Institute, Bern, Switzerland  
*In vivo* imaging of leukocyte migration: intravital and multiphoton microscopy
- 10:15 – 11:00 **Ruggero Pardi** – Istituto San Raffaele, Milan, Italy  
Integrin signaling in cell proliferation, survival and migration
- 11:00 – 11:30 Coffee Break
- 11:30 – 12:15 **Francisco Sánchez-Madrid** – Hospital de la Princesa, Madrid  
Endothelial adhesive platforms based on tetraspanin microdomains:  
Molecular dynamics and regulatory functions in leukocyte adhesion to endothelium
- 13:00 – 14:30 *Lunch*
- 15:00 – 18:30 **Practical part on TIRF and imaging processing**  
**Bülent Peker** - Olympus Life and Material Science Europe, Hamburg, Germany  
**Jaume Boix** - Olympus España, S.A. U. Barcelona, Spain
- Two-photon microscopy*
- 19:00 *Bus departure from CNB to Hotel Chamartin*
- 21:00 *Bus departure from Hotel Chamartin to Closing dinner*