

Scientific Symposium "*Targeting tumor angiogenesis with antibody-based technologies*"

Date: Monday, June 8 2015

Venue: Centro Nacional de Biotecnología (CNB-CSIC). Address: Darwin 3, Campus Cantoblanco, Universidad Autónoma de Madrid (UAM). Madrid, Spain. (<http://www.cnb.csic.es/index.php/en/>).

Preliminary Program

9:00. Registration

9:20-09:30 Welcome by organizers

Session I: Targets in pathological angiogenesis.

Chairperson: Alicia García Arroyo (Centro Nacional de Investigaciones Cardiovasculares, CNIC)

09:30-10:00. Kairbaan Hodivala-Dilke (Barts Cancer Institute, UK) "*New ways to think about tumour blood vessels*"

10:00-10:30. Mariona Graupera (Catalan Institute of Oncology IDIBELL, Spain) "*Targeting PI3K signalling as a novel anti-angiogenic approach*"

10:30-11:00. Rui Benedito (CNIC, Spain) "*Targeting and understanding angiogenesis with genetics, inhibitors and antibodies: Pros and Cons*"

11:00-11:30. Coffee break.

Session II. Antibodies for tumor imaging.

Chairperson: Jorge Martínez-Torrecuadrada (Centro Nacional de Investigaciones Oncológicas, CNIO)

11:30-12:00. Paul van Bergen en Henegouwen (Utrecht University). "*Nanobodies and fluorescence*".

12:00-12:30. Tony Lahoutte (VUB) "*Radionuclide imaging using nanobodies*"

12:30-13:00. Kristof Zarschler (Helmholtz-Zentrum Dresden-Rossendorf) "*Single-domain antibodies for specific nanoparticle targeting of the EGF-receptor*"

13:00-14:30. Lunch

Session III. Antibody-based tumor targeting technologies.

Chairperson: Serge Muyldermans (Vrije Universiteit Brussels, VUB)

14:30-15:00. Oriol Casanovas (IDIBELL) "*Hypoxia-independent malignization after anti-angiogenic therapies*"

15:00-15:30. Michele De Palma (Swiss Institute for Experimental Cancer Research, ISREC). "*Co-targeting angiogenesis and immune cells*"

15:30-16:00. Karine Breckpot (VUB) "*Nanobody-mediated targeting of antigen-presenting cells: induction of immunity or tolerance?*"

16:00-16:30. Coffee break

16:30-17:00. Jan Gettemans (Ghent University) "*Chaperone nanobodies shield against furin/MT1-MMP mediated degradation of mutant gelsolin*"

17:00-17:30. Dario Neri (ETH Zürich) "*Targeting the tumor sub-endothelial extracellular matrix with armed antibodies: from the bench to the clinic*"

17:30-17:40 Concluding remarks by organizers and end of the meeting.

Scientific Organizers

Luis Ángel Fernández (CNB-CSIC)

Alicia García Arroyo (CNIC)

Jorge Martínez Torrecuadrada (Centro Nacional de Investigaciones Oncológicas, CNIO)

Serge Muyldermans (VUB)

Antonio Rodríguez Márquez (UAM)

Laura Sanz Alcober (Fundación Hospital Universitario Puerta de Hierro)

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Registration: <http://www.angiobodies.com/congreso2015.asp>