

A Celebration of Molecular Oncology

September 27, 2019

Impact Hub Barceló, C/ Serrano Anguita, 13, 28004 Madrid (Spain)

Co-Organizers

Mónica López-Barahona, Centro de Estudios Biosanitarios (CEB)
Marcos Malumbres, Spanish National Cancer Research Centre (CNIO)
Marta Puyol, Fundación Científica de la Asociación Española contra el Cáncer (AECC)
Eugenio Santos, Centro de Investigación del Cáncer (CIC)

Programme

9:30-9:45 Reception

9:45-10:00 Welcome and Introduction to the 1st session by Eugenio Santos,
Centro de Investigación del Cáncer (USAL-CSIC), Salamanca

Session I. Cancer, viruses and the discovery of RAS oncogenes

Chair: Eugenio Santos

10:00-10:15 E. Premkumar Reddy, *Icahn School of Medicine at Mount Sinai, NY*
Ras Oncogenes: from Molecular Discovery to Clinical Use

10:15-10:30 Helmut Zarbl, *Rutgers University- School of Public Health, New Jersey*
Chemical Carcinogenesis

10:30-10:45 Simonetta Pulciani, *Istituto Superiore di Sanita, Roma*
Cell and Molecular Biology of Oncogenic Transformation

10:45-11:00 Shulamit Katzav-Shapira, *The Hebrew University, Jerusalem*
Vav and ras finally hook up

11:00-11:15 Manuel Perucho, *SBP, La Jolla, CA*
From RAS oncogenes to mutator genes

11:15-11:35 Coffee break

Session II. A plethora of oncogenes and signaling pathways

Chair: Carlos Cordon-Cardo

11:35-11:45 Introduction by the Chair: Carlos Cordon-Cardo, *Icahn School of
Medicine at Mount Sinai, New York*

- 11:45-12:00 Saraswati Sukumar, Johns Hopkins Hospital, Baltimore, MD
[The long reach of HOX proteins in breast cancer](#)
- 12:00-12:15 Xosé Bustelo, *Centro de Investigación del Cáncer (USAL-CSIC), Salamanca*
[Vav oncogenes](#)
- 12:15-12:30 Dionisio Martín-Zanca, *University of Salamanca*
[Oncogene “D”](#)
- 12:30-12:45 Qiufu Ma, *Dana Farber Cancer Institute, Boston*
[TrkA neurons and the affective dimension of pain](#)
- 12:45-13:00 Inmaculada Silos-Santiago, *Decibel Therapeutics, Inc., Boston*
[On “trk” to treat neuronal dysfunction?](#)
- 13:00-13:15 José Luis Rosa, *University of Barcelona*
[What happened to onc H ?](#)

13:15-14:35 **Lunch**

Session III. RAS-driven cancer

Chair: Marta Puyol

- 14:35-14:45 [Introduction by the Chair](#): Marta Puyol, *Asociación Española contra el Cáncer (AECC), Madrid*
- 14:45-15:00 Alberto J. Schuhmacher, *Inst. Investigación Sanitaria Aragón, Zaragoza*
[Rasopathies: from the lab to the families.](#)
- 15:00-15:15 Jelena Urosevic, *AstraZeneca*
[Title TBA](#)
- 15:15-15:30 Sara Mainardi, *Netherlands Cancer Institute (NKI), Amsterdam*
[How to treat RAS-driven tumors: exploiting RAS vulnerabilities](#)
- 15:30-15:45 Chiara Ambrogio, *Dana Farber Cancer Institute, Boston*
[New advances in Ras biology in lung cancer](#)

15:45-16:10 **Coffee break**

Session IV. Cancer cell proliferation and related therapies

Chair: Marcos Malumbres

- 16:10-16:20 [Introduction by the Chair](#): Marcos Malumbres, *Spanish National Cancer Research Centre (CNIO), Madrid*
- 16:20-16:35 Sushil G. Rane, *Regenerative Biology Section, NIH*
[Cell Cycle and Metabolism](#)

16:35-16:50 Rocío Sotillo, *German Cancer Research Center (DKFZ), Heidelberg*
[Cancer cell proliferation and genomic instability](#)

16:50-17:05 David Santamaría, *Universidad de Bordeaux, France*
[From Ras to the Cell Cycle and Back](#)

17:05-17:20 TBA

17:20-18:10 Closing lecture

Chair: Mariano Esteban, *CNB (UAM-CSIC), Madrid*

Mariano Barbacid, *Spanish National Cancer Research Centre (CNIO)*
[What is next?](#)

18:10-18:30 **Documentary: A life in Molecular Oncology**

18:30-21:00 **Wine and cheese**

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