

## Cell Cycle and Cancer

*Coordinators:*

**Mariano Barbacid, Marcos Malumbres y Manuel Serrano**

Centro Nacional de Investigaciones Oncológicas (CNIO)  
Melchor Fernández Almagro 3, 28029 Madrid

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*Monday 25 (Auditorium CNIO)*

10:00 Introduction to the cell cycle: molecular basis.

Marcos Malumbres, *Centro Nacional de Investigaciones Oncológicas, Madrid*

12:00 DNA replication

Juan Méndez, *Centro Nacional de Investigaciones Oncológicas, Madrid*

*Tuesday 26 (Seminar's room 3rd floor CNIO)*

10:00 Entry into the cell cycle. Regulation of Cdks

Mariano Barbacid, *Centro Nacional de Investigaciones Oncológicas, Madrid*

12:00 MAPK, signal transduction and the cell cycle

Angel R. Nebreda, *Centro Nacional de Investigaciones Oncológicas, Madrid*

*Wednesday 27 (Seminar's room 2nd floor CNIO)*

10:00 DNA damage response

Oskar Fernández-Capetillo, *Centro Nacional de Investigaciones Oncológicas, Madrid*

12:00 Cell cycle alterations in human tumors (*Seminar's room 3rd floor CNIO*)

Miguel Ángel Piris, *Centro Nacional de Investigaciones Oncológicas, Madrid*

*Thursday 28 (Seminar's room 2nd floor CNIO)*

10:00 Telomeric RNAs

Stefan Schoftner, *Centro Nacional de Investigaciones Oncológicas, Madrid*

12:00 p53 and DNA damage response

Manuel Serrano, *Centro Nacional de Investigaciones Oncológicas, Madrid*

*Friday 29*

10:00 Post-translational control of Claspin in DNA damage checkpoint recovery and apoptosis (*Seminar's room, 2<sup>nd</sup> floor CNIO*)

Raimundo Freire, *Hospital Universitario de Canarias, Tenerife*

12:00 Guarding the genome: the mitotic checkpoint, aneuploidy and tumorigenesis  
(*Auditorium CNIO*)

Don W. Cleveland, *Ludwig Institute for Cancer Research and Department of Cellular and Molecular Medicine, San Diego, USA*

*Monday 3 (Auditorium CNIO)*

10:00 PTEN biology

Rafael Pulido, *Centro de Investigación Príncipe Felipe, Valencia*

12:00 Molecular regulation of mitosis

Guillermo de Cárcer, *Centro Nacional de Investigaciones Oncológicas, Madrid*

*Tuesday 4 (Auditorium CNIO)*

10:00 Structural regulation of mitosis and *Xenopus* models of the cell cycle

Ana Losada, *Centro Nacional de Investigaciones Oncológicas, Madrid*

12:00 Signal transduction, PI3K and the cell cycle

Amancio Carnero, *Centro Nacional de Investigaciones Oncológicas, Madrid*

*Wednesday 5 (Seminar's room, 2<sup>nd</sup> floor CNIO)*

10:00 Myc: proliferation, apoptosis and the cell cycle

Ignacio Moreno de Alborán, *Centro Nacional de Biotecnología, Madrid*

12:00 Genetic analysis of the cell cycle: mouse models

Jesús Paramio, *CIEMAT, Madrid*

*Thursday 6*

10:00 Journal Club (*Auditorium CNIO*)

Presentations by alumni

12:00 Journal Club: (*Seminar's room, 2<sup>nd</sup> floor CNIO*)

Presentations by alumni

*Friday 7*

10:00 Journal Club (*Seminar's room, 2<sup>nd</sup> floor CNIO*)

Presentations by alumni

12:00 Signal transduction by stress-activated MAP kinases (*Auditorium CNIO*)

Roger J. Davis, *Howard Hughes Medical Institute University of Massachusetts Medical School, Worcester, Massachusetts, USA*