



GOBIERNO  
DE ESPAÑA

MINISTERIO  
DE CIENCIA, INNOVACIÓN  
Y UNIVERSIDADES



## Biology for the 21st Century May 20, 2019

Centro Nacional de Biotecnología (CNB)  
C/ Darwin 3, Madrid 28049

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10:00 WELCOME TO THE CNB

10:20-10:40 **Opening ceremony**

*Fernando Rojo*, CNB Director

*Rosa Menéndez*, CSIC President

*Ángeles Heras*, Secretary of State for Universities, Research, Development & Innovation

### SCIENTIFIC SESSION I

10:45-11:30 **The Fundamental Role of Chromatin Loop Extrusion in Antibody Diversification.** *Frederick Alt*, Boston Children's Hospital, Harvard Medical School, Boston, MA, USA. Introduced by Ignacio Moreno de Alborán.

11:30-12:15 **Aging and Organ Regeneration.** *Juan Carlos Izpisua*, Salk Institute for Biological Studies, CA, USA. Introduced by Antonio Bernad.

12:15-12:30 COFFEE BREAK

### SCIENTIFIC SESSION II

12:30-13:15 **IL-23 + bugs + X = colitis.** *Sergio Lira*, Icahn School of Medicine at Mount Sinai, NY, USA. Introduced by Santos Mañes

13:15-14:00 **Does the Immune System Think?** *Tak Mak*, The Campbell Family Institute for Breast Cancer Research, Toronto, Canada. Introduced by Ana Cuenda.

14:00-15:00 LUNCH BREAK

### SCIENTIFIC SESSION III

15:00-15:45 **An Experiment on Graduate Education.** *Antonio Coutinho*, Instituto Gulbenkian de Ciência, Portugal. Introduced by Pablo Pereira.

### SESSION IV - BEHIND THE BENCH: FRIENDS & COLLEAGUES

Chair *Isabél Mérida*, with the participation of:

16:00 Marisa Toribio

16:10 Ana Carrera

16:20 Mariano Esteban

16:30 Cathy Mark

16:40 Peter Klatt

16:50 Manolo Serrano

17:00 José Manuel Labastida

17:10 Mario Mellado

17:45 MEETING CLOSURE by *Carlos Martínez Alonso*