SUMMER SCHOOL

#signaling #disease mechanisms #preclinical models

Organized by the menTOR Doctoral Network

Marie Skłodowska-Curie Actions (MSCA)

MADRID, JUNE 7-11, 2027



INVITED SPEAKERS

Z. ARANY | F. BARRIGA | J. BATEMAN | F. DEL BENE
A. EFEYAN | L. FAJAS | A. FRATICELLI | V. GORBUNOVA
P. KATAJISTO | D. KUREK | F. LORENZO MARTIN
H. MEDYOUF | M. MILAN | S. ORTEGA | M. PENDE
D. VALENZANO | G. VICTORA

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PRELIMINARY PROGRAM

MONDAY, JUNE 7, 2027

Oral presentations by menTOR students (closed to the public)

TUESDAY, JUNE 8, 2027

Afternoon session: Mouse models of human disease I

Mario Pende: Introduction on mTOR pathophysiology of overgrowth syndromes and aging
Gabriel Victora: Immune perturbations in real time in living mice
Zolt Arany: TFEB family members in disease
Francisco Barriga: Large scale chromosomal deletions

WEDNESDAY, JUNE 9, 2027

Morning session: Broadening horizons of animal models

Dario Valenzano: African killifish
Vera Gorbunova: Naked mole rat and other uncoventional animal models
Filippo del Bene: Zebrafish
Marco Milan: Drosophila
Joe Bateman: Drosophila to study mTORopathies

WEDNESDAY, JUNE 9, 2027

Afternoon session: Mouse models of human disease II

Sagrario Ortega: Humanized models
Alejo Fraticelli: Clonal evolution
Lluis Fajas: Cell cycle genes and metabolism
Alejo Efeyan: Nutrient signaling

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PRELIMINARY PROGRAM

THURSDAY, JUNE 10, 2027

Morning session: The future of ex vivo disease modelling

Hind Medyouf: Cancer patient derived organoid based co-cultures
Pekka Katajisto: Intestinal stem cell niche
Dorota Kurek: Organ on a chip
Francisco Lorenzo-Martin: Mini colons

THURSDAY, JUNE 10, 2027

Afternoon session: Poster presentations and other student initiatives.

FRIDAY, JUNE 11, 2027

Guided Cultural Excursion (Location TBD) Private Event
Restricted to menTOR students, PIs, and guest speakers (Closed to the Public)

Please note that the final program will be released in the coming days. Visit the Events page on our website to stay tuned: **https://mentor-program.eu/our-events/**

For any inquiries regarding this event or the menTOR program in general, please contact us at **contact@mentor-program.eu**

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