

SUMMER SCHOOL

#signaling #disease mechanisms #preclinical models

Organized by the menTOR Doctoral Network
Marie Skłodowska-Curie Actions (MSCA)

MADRID, JUNE 8-10, 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. MEDYOUNF | M. MILAN | S. ORTEGA | M. PENDE
D. VALENZANO | G. VICTORA

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PRELIMINARY PROGRAM

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 unconventional 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

Lluís 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.

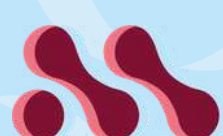
INTERESTED IN JOINING US?



For Inquiries and Registration of external early-career researchers (students & postdocs),
please contact@mentor-program.eu

For program updates, please go to <https://mentor-program.eu/our-events/>

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