

TOR DE FRANCE - Program



22 May 2018



12:00 - 13:50 *Arrival and check-in*

13:50 - 14:00 *Meeting opening remarks (Mario Pende)*

Session 1: Signal Transduction and Pharmacology (Chair: Raul V. Durán)

- 14:00 - 14:45** Keynote lecture: **Michael N. Hall** Switzerland
mTOR signaling in growth and metabolism
Biozentrum, University of Basel, Switzerland
- 14:45 - 14:55** **Svetlana Dokudovskaya** Paris, France
SEA you later alli-GATOR – a dynamic regulator of the TORC1 pathway in yeast
- 14:55 - 15:05** **Julien Averous** Clermont-Ferrand, France
GCN2 contributes to mTORC1 inhibition by leucine deprivation through an ATF4 independent mechanism
- 15:05 - 15:15** **Bojana Stefanovska** Paris, France
A new mTOR-independent effect of rapamycin: transcriptional regulation of TRIB3
- 15:15 - 15:25** **Marie-Julie Nokin** Bordeaux, France
A novel mechanism of mTOR inhibition displacing phosphatidic acid induces enhanced cytotoxicity specifically in cancer cells
- 15:25 - 15:35** **Martina Bonucci** Paris, France
Identification of growth signals causing kidney cyst formation by selectively controlling the orientation but not the rate of cell division
- 15:35 - 15:45** **Raul V. Duran** Bordeaux, France
Glutamoptosis: a mTORC1-dependent cell death mechanism during nutritional imbalance

15:55 - 16:15 *Coffee break*

Session 2: Diseases (Chair: Stéphanie Baulac)

- 16:15 - 17:00** Keynote lecture: **Guillaume Canaud** France
PIK3CA-Related Overgrowth Spectrum
Institut Necker Enfants Malades, Paris Descartes University, France
- 17:00 - 17:10** **Daniela Cota** Bordeaux, France
mTORC1 signaling orchestrates bidirectional control of food intake by hypothalamic POMC neurons
- 17:10 - 17:20** **Natacha Entz-Werle** Strasbourg, France
Inhibition of mTor associated with HIF1 inhibitor in children with a refractory cancer: good tolerance and promising results in brain
- 17:20 - 17:30** **Emmanuelle Logette** Hindisheim, France
mTOR in the Tuberous Sclerosis Complex (TSC): the patient's side

- 17:30 – 17:40 Talha Rashid** Paris, France
Lipin 1 deficiency in skeletal muscle causes sarcoplasmic reticulum stress and a mitochondrial myopathy responsive to fibrates and chaperons
- 17:40 – 17:50 Karine Dumas** Nice, France
REDD1 deficiency protects from high fat diet induced metabolic diseases
- 17:50 – 18:00 Jozef Bossowski** Nice, France
Low protein diet induces IRE1alpha-dependent anticancer immunosurveillance
- 18:00 – 18:10 Theo Ribierre** Paris, France
Somatic mosaic inactivation of Depdc5 in the developing mouse brain cortex causes epilepsy and focal cortical dysplasia
- 18:10 – 18:20 Stéphane Pyronnet** Toulouse, France
Is the mTORC1 substrate 4E-BP1 a therapeutic target for pancreatic cancer
- 18:20 – 18:30 Stéphanie Baulac** Paris, France
GATOR1/mTORC1 encoding genes: major culprits in focal epilepsies

18:30 – 20:00 Poster session

20:00 – Night Networking activities



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8:00 – 9:30 Breakfast and check-out

Session 3 - Genetic models (Chair: Svetlana Dokudovskaya)

- 9:30 – 10:15** Keynote lecture: **Pierre Leopold** Nice, France
Orchestrating the nutrient response during Drosophila development
Institute of Biology Valrose, Nice, France
- 10:15 – 10:25** **Christian Meyer** Paris, France
The plant TOR signalling pathway
- 10:25 – 10:35** **Benoit Menand** Marseille, France
Discovery of new components of the plant TOR signaling pathway using a pharmacogenetic approach
- 10:35 – 10:45** **Mikhail Schepetilnikov** Strasbourg, France
Mechanism of TOR activation by Rho-like plant GTPase ROP2
- 10:45 – 10:55** **Roberta Rapone** Paris, France
Unusual cytoplasmic role of the "histone" lysine methyltransferase SETDB1
- 10:55 – 11:05** **Jacques Montagne** Gif-sur-Yvette, France
Nutrient activation of S6Kinase provides competence for starvation-induced autophagy

11:05 – 11:30 Coffee Break

Session 4: Output targets (Chair: Mario Pende)

- 11:30 – 12:15** Keynote lecture: **Brendan Manning** Boston, USA
The mTOR network: signal integration and metabolic regulation
Harvard T. H. Chan School of Public Health, Boston, US
- 12:15 – 12:25** **Mickaël Ohanna** Nice, France
Pivotal role of NAMPT in the switch of melanoma cells toward an invasive and drug-resistant phenotype
- 12:25 – 12:35** **Jing Li** Nice, France
Patterns of drug selection reveal shared molecular targets over short and long evolutionary timescales
- 12:35 – 12:45** **Yinxing Ma** Paris, France
Tumor suppressor NPRL2 from GATOR1 complex induces ROS production and DNA damage response
- 12:45 – 12:55** **Ning Liang** Paris, France
YAP and TEAD4 regulate transcription and respiration in mitochondria
- 12:55 – 13:05** **Antoine Marçais** Lyon, France
High mTOR activity is a hallmark of reactive Natural Killer cells and amplifies early signaling through activating receptors
- 13:05 – 13:30** *Concluding remarks and awards*
- 13:30 – 15:00** *Lunch + Networking activities*