



SAPIENZA
UNIVERSITÀ DI ROMA



Miltenyi Biotec

CRiN , Sapienza University of Rome and Miltenyi Biotec are glad to invite you at the event:

Advanced technologies for neuroscience research

February 20th 2020

Chairs: Davide Ragozzino and Silvana Gaetani

CRiN, Dept. of Physiology and Pharmacology «V. Erspamer», Sapienza University of Rome, Italy

10:00 **Lightsheet and clearing technology to acquire image of big samples at unprecedented resolution**

Christian Feulliet, Miltenyi Biotec

10:40 **3D imaging of solvent-cleared brains: a new tool to study the development organization of the neuroendocrine circuits controlling fertility**

Paolo Giacobini INSERM: Lille, FR

11:20 Coffee break

11:40 **Integrated solutions for neuroscience research: Adult brain dissociation and neural cell isolation**

Hui Demuth-Zhang, Miltenyi Biotec

12:20 **Resolving multiple sclerosis: Novel pathogenic implications for autoimmunity and neuroinflammation**

Valerio Chiurciu, IRCCS Fondazione Santa Lucia, Rome, IT

13:00 Lunch break

Afternoon: Practical sessions in parallel groups

	Light sheet microscopy and clearing protocols	Mouse Adult Brain dissociation and flow cytometry analysis	Neural cell separation and cell culture
14:00 – 14:45	GROUP A	GROUP B	GROUP C
15:00 – 15:45	GROUP B	GROUP C	GROUP A
16:00 – 16:45	GROUP C	GROUP A	GROUP B

Free attendance to the event, prior registration at <https://web.uniroma1.it/neuroscienze/sapienza/>

**Meeting venue: Edificio di Farmacologia «V. Erspamer» (CU024)
Sapienza University of Rome – piazzale Aldo Moro 5 – 00185 Roma**

Campus map at the following link: <https://www.uniroma1.it/en/pagina/mappa-della-citta-universitaria>