

6th EMCCS-FENS meeting: A satellite event of the FENS Forum 2014 at Milan

The 6th biannual EMCCS-FENS satellite meeting will be held in Milan on July 3rd and 4th, 2014 immediately before the FENS meeting. This year our program is especially ambitious and includes two days full of exciting science.

When: Meeting will start at 14:30 on July 3th and finish at 18:30 on July 4th.

Venue: Istituto di Ricerche Farmacologiche Mario Negri, via La Masa 19,



Web of the venue: <http://www.marionegri.it/mn/en/index.html?l=en>

Organisers: Riccardo Brambilla (Milano, Italy), Kobi Rozenblum (Haifa, Israel) and Angel Barco (Alicante, Spain)

Contact person:

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The list of confirmed speakers includes:

Ted Abel (Penn University, USA), **Schahram Akbarian** (Mount Sinai School of Medicine, USA), **Claudia Bagni** (VIB-KU Leuven, Belgium), **Erwan Bezard** (CNRS-Université Bordeaux 2, France), **Tiziana Borsello** (IRFMN, Italy), **Timothy Bredy** (QBI-UoQ, Australia), **Mauro Costa Mattioli** (BCM, USA), **Jose A. Esteban** (CBMSO, Spain), **Gilberto Fisone** (KI, Sweden), **Gianluigi Forloni** (IRFMN, Italy), **K. Peter Giese** (King's College London, UK), **Jean-Antoine Girault** (Inserm-UPMC, France), **Eckart Gundelfinger** (LIN, Germany), **Marian Joëls** (UMC Utrecht, Netherlands), **Itamar Kahn** (Technion, Israel), **Hanoch Kaphzan** (HU, Israel), **Eric Klann** (New York University, USA), **Steven Kushner** (Erasmus MC, Netherlands), **Serge Laroche** (CNRS-Université Paris-Sud, France), **Andreas Lüthi** (FMI, Switzerland), **Tom McHugh** (Riken BSI, Japan), **Moshe Szyf** (MacGill University, Canada) and **Ofer Yizhar** (Weizmann Institute, Israel)

(see detailed program below)

Special sessions dedicated to:

- MOLECULAR AND CELLULAR MECHANISMS OF LEARNING AND MEMORY
- BRAIN CIRCUITRY AND OPTOGENETICS
- NEURODEGENERATIVE AND NEURODEVELOPMENTAL DISORDERS
- NEUROEPIGENETICS

An evening Poster session will be held on July 3rd (unfortunately, due to budget restrictions, we had to cancel the wine & cheese).

Poster Session: Poster sessions will be held in the lobby of the meeting venue. Posters will be on display, from 13:00 in July 3rd to 20:00 in the evening of July 4th. Poster boards will have a landscape format, approximately 135 x 95 cm (same dimensions than in FENS).

Attendance to the meeting is free, but **Meeting Registration requires Member/Guest login.**

Please visit our new website: www.emccs.org to register

Meeting sponsors:



Detailed Program:

Thursday, July 3, 2014

14:30 Welcome: Angel Barco (President of EMCCS, UMH- CSIC, Spain)

Session 1: MOLECULAR AND CELLULAR MECHANISMS OF LEARNING AND MEMORY 1. Chair: Angel Barco, UMH- CSIC (Spain)

14:40-15:05

Eric Klann, NYU (USA), "Translational Control in Cognition in the Normal and Diseased Brain"

15:05-15:30

Eckart Gundelfinger, LIN (Germany), "Presynaptic plasticity mechanisms in learning & memory"

15:30-15:55

Peter Giese, KCL (UK), "A novel mechanism underlying long-term memory formation: Generation of multi-innervated dendritic spines"

15:55-16:20

Serge Laroche, CNRS - Université Paris-Sud (France), "A molecular mechanism controlling maturation and selection by learning of adult born hippocampal neurons"

16:20-16:45

Alessandro Papale, San Raffaele Institute (Italy), "KRAS Mediated Enhancement of ERK Signaling during Brain Development Results in Synaptic Plasticity Deficits and Learning Disabilities"

16:45- 17:15 Break

Session 2: MOLECULAR AND CELLULAR MECHANISMS OF LEARNING AND MEMORY 2. Chair: Kobi Rozenblum, Haifa University (Israel)

17:15-17:40

Marian Joëls, UMC Utrecht (The Netherlands) "Stress and the Brain: From Cell to Cognition"

17:40-18:05

Ted Abel, UPenn (USA), "The impact of sleep deprivation on hippocampal function"

18:05-18:30

Steven Kushner, Erasmus MC (The Netherlands), "Defining the lateral amygdala fear memory engram"

18:30-18:55

Mauro Costa Mattioli, BCM (USA), "Translational regulatory mechanism in

synaptic plasticity and cognitive processing”

18:55-19:10

Daisuke Nakayama, University of Tokyo (Japan), “Dissociable requirement for rapid and late Arc/Arg3.1 synthesis in formation and persistence of fear memory”

19:10 - 20:40 Poster Session

Friday, July 4, 2014

Session 3: BRAIN CIRCUITRY AND OPTOGENETICS. Chair: Riccardo Brambilla, San Raffaele Institute (Italy)

09:00-09:25

Andreas Lüthi, FMI (Switzerland), "Neuronal circuit mechanisms for fear and anxiety"

09:25-09:50

Itamar Kahn, Technion (Israel), “Organization and plasticity of the somatosensory cortex in mice revealed by longitudinal intrinsic connectivity and optogenetic fMRI”

09:50-10:15

Tom McHugh, Riken BSI (Japan), “Mapping and Remapping in CA2”

10:15-10:30

PingAn YuanXiang, LIN (Germany), “The synapto-nuclear protein messenger Jacob plays a role in activity-dependent synaptic plasticity”

10:30 - 11:10 Break

Session 4: NEURODEGENERATIVE AND NEURODEVELOPMENTAL DISORDERS 1. Chair: Giancarlo Comi, INSPE-OSR (Milano)

11:10-11:35

Erwan Bezard, CNRS- Université Bordeaux 2 (France), “Why bother using non-human primate models of cognitive disorders in translational research?”

11:35-12:00

Gilberto Fisone, KI (Sweden), “Cognitive dysfunction in experimental Parkinsonism”

12:00-12:25

Tiziana Borsello, IRFMN (Italy), “Mechanisms of synaptic dysfunction in Alzheimer ‘s Disease”

12:25-12:50

José A. Esteban, CSIC Madrid (Spain), "PIP3 signaling at the synapse. Relevance for Alzheimer’s disease"

12:50 - 13:30 General Assembly of EMCCS

13:30- 14:30 Lunch

Session 5: NEURODEGENERATIVE AND NEURODEVELOPMENTAL DISORDERS 2. Chair: Jocelyne Caboche, CNRS-UPMC (France)

14:30-14:55

Gianluigi Forloni, IRFMN (Italy), "Beta amyloid oligomers and inflammation in experimental models of Alzheimer's disease"

14:55-15:20

Claudia Bagni, VIB-KU Leuven (Belgium), "Synaptic dysfunctions: shared pathways in neurodevelopment disorders"

15:20-15:45

Hanoch Kaphzan, HU (Israel), "Novel homeostatic mechanisms in the pathophysiology of Angelman syndrome"

15:45-16:00

Emma Puighermanal, IFG (France), "Role of the ribosomal protein S6 phosphorylation in the mouse brain"

16:00 - 16:40 Break

Session 6: EPIGENETICS. Chair: Andre Fischer, ENI-Goettingen (Germany)

16:40-17:05

Schahram Akbarian, MSSM (USA), "Epigenetic Regulation in the Developing and Diseased Human Brain"

17:05-17:30

Jean-Antoine Girault, Inserm - UPMC (France) "Epigenetic regulations and long term adaptations in identified striatal neurons"

17:30-17:55

Timothy Bredy, QBI-UoQ (Australia), "Tet3-mediated hydroxymethylation is required for rapid behavioral adaptation"

17:55-18:20

Moshe Szyf, McGill (Canada), "DNA methylation registering experimental memory in the genome"

18:20-18:35

Nadif Kasri Nael, Donders Institute for Brain (The Netherlands), "EuHMT1 mediated epigenetic control of homeostatic synaptic plasticity"

18:35-18:45 Concluding remarks: Riccardo Brambilla (San Raffaele Institute, Italy)

How to reach Istituto di Ricerche Farmacologiche "Mario Negri"

Via La Masa, 19
20156 Milano
Tel.: 02390141
Fax: 023546277
E-mail: mnegri@marionegri.it
Website: www.marionegri.it

By Train:

Urban train (Ferrovie Nord Milano, <http://www.trenord.it/EN/>), from Milano Cadorna Station (connected to Metro lines 1 and 2) to Milano Bovisa-Politecnico Station. The ticket from Milano Cadorna Station is the regular ATM (<http://www.atm.it/en/Pages/default.aspx>) urban fare (€1,50, validity for 90 min on any public transportation) and the journey is 10 min. From the Bovisa station it takes 5 min (500 m) to reach the Institute.

Alternatively, if you are at the Milano Centrale Station, you can take the Malpensa Express Train (Platform 3), leaving every 30 min (urban fare €1,50) and get off at the Milano Bovisa-Politecnico Station. Make sure that the train stops at the Milano Bovisa Station (some Malpensa Express trains do not).

By Plane:

From Milano Malpensa Airport, take the Malpensa Express (€11) and get off at Milano Bovisa-Politecnico Station. Make sure that the train stops at the Milano Bovisa Station (some Malpensa Express trains do not).

From Milano Linate Airport, take the Bus 73 (or 73X, urban fare €1,50) and get off at the end station (Piazza San Babila), take using the same ticket the metro line 1 (red) and stop at the Cadorna station. From there continue by train (always use the same ATM ticket) to Bovisa-Politecnico.

By Car:

From the Centre of Milan:

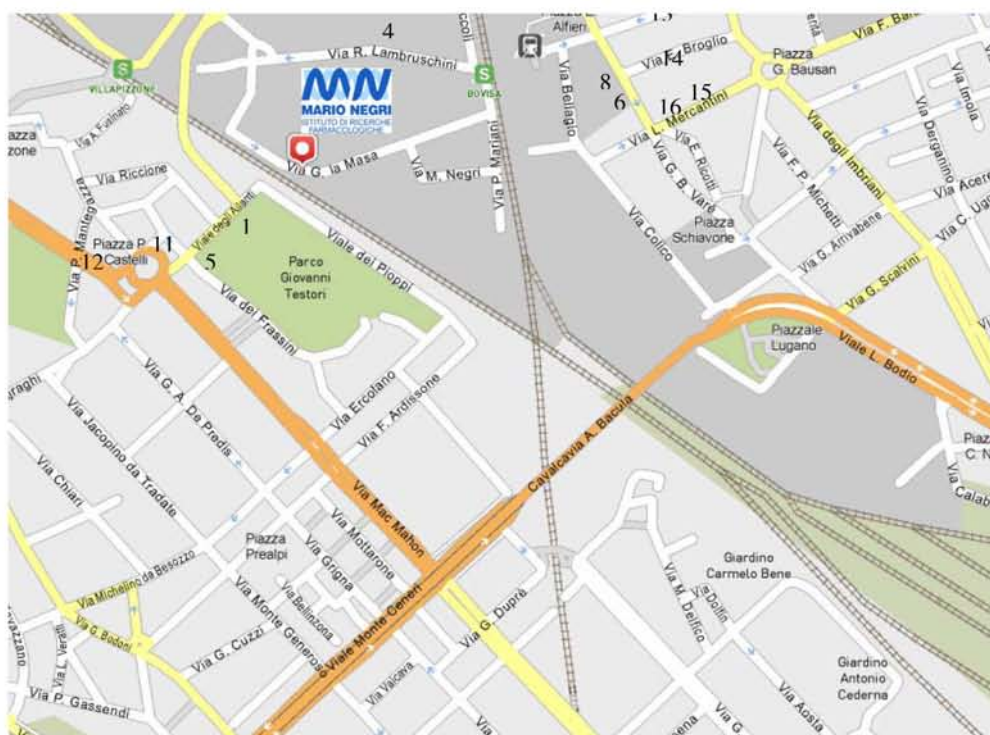
- go down Via MacMahon till P.zza Pompeo Castelli
- turn right into Via degli Ailanti
- follow the tunnel and then turn right into Via Giampietrino
- follow the sign to **Istituto Mario Negri**

From the Motorway (connection among Laghi, Torino and Bergamo-Venezia motorways):

- take the exit Milano Certosa; continue onto Viale Certosa;
- take the right into Via Ludovico di Breme;
- take the right into Via Pier Francesco Mola;
- take the right into Via Varesina;
- take the left into Via C. Ajraghi;
- continue to P.zza Pompeo Castelli
- turn right into Via degli Ailanti
- follow the tunnel and then turn right into Via Giampietrino
- follow the sign to **Istituto Mario Negri**

• *Free admittance in the Institute Parking Place. However, to get out you need a token to be obtained from the Institute reception.*

Restaurants and bars around the meeting location



RISTORANTI

- 1) RISTORANTE PIZZERIA CICCIOBELLO
3, V. AILANTI
20156 MILANO (MI)
TEL: 02 36588664
DISTANZA: 230 MT.
- 2) IL NOSTROMO TRATTORIA PIZZERIA
70, V. VAREGINA
20156 MILANO (MI)
TEL: 02 39214127
DISTANZA: 790 MT.
- 3) LA FORCHETTA DEL NONNO
85, V. BOVISASCA
20157 MILANO (MI)
TEL: 388 9351079
DISTANZA: 870 MT.
- 4) BISTRO TRIENNALE BOVISA
31, VIA R. LAMBRUSCHINI
20156 MILANO (MI)
TEL: 02 36577828
DISTANZA: 250 MT.
- 5) CICCIOBELLO RISTORANTE NIENTE MALE
3, VIA DEGLI AILANTI
20156 MILANO (MI)
TEL: 02 36588384
DISTANZA: 270 MT.
- 6) RISTORANTE NAXOS
30, VIA VARE' GIOVANNI BATTISTA
20158 MILANO (MI)
TEL: 02 375656
DISTANZA: 570 MT.
- 7) SANTAMARTA BISTROT
27, VIA DON G. ANDREOLI
20158 MILANO (MI)
TEL: 02 39320249
DISTANZA: 580 MT.
- 8) TRATTORIA CHIESA VECCHIA
9, VIA VARE' GIOVANNI BATTISTA
20158 MILANO (MI)
TEL: 02 39310515
DISTANZA: 630 MT.
- 9) TRATTORIA SPERANZA
114, VIA CANDIANI GIUSEPPE
20158 MILANO (MI)
TEL: 02 39310055
DISTANZA: 650 MT.
- 10) OSTERIA LA RINGHIERA
11, VIA ANDREOLI
20158 MILANO (MI)
TEL: 02 39317927
DISTANZA: 680 MT.

BAR

- 11) GREEN BAR
16, PIAZZA CASTELLI POMPEO
20156 Milano (MI)
tel: 02 33001368
DISTANZA: 290 MT.
- 12) BAR BARA CASTELLI
2, VIA CONSOLE MARCELLO MARCO CLAUDIO
20156 Milano (MI)
tel: 02 33001275
distanza: 400 mt.
- 13) BAR TABACCHI IL PASSANTE
131, VIA CANDIANI GIUSEPPE
20158 Milano (MI)
tel: 02 39310040
DISTANZA: 680 MT.
- 14) SUSANNA ANTONINO BAR
1, VIA BROGLIO EMILIO
20158 Milano (MI)
tel: 02 39310723
DISTANZA: 720 MT.
- 15) BAR TRATTORIA LICIA
9, VIA MERCANTINI LUIGI
20158 Milano (MI)
tel: 02 39323766
DISTANZA: 730 MT.
- 16) MARCHIONE GIOVANNI BAR
24, VIA MERCANTINI LUIGI
20158 Milano (MI)
tel: 02 39310305
DISTANZA: 730 MT.
- 17) BAR CAFFETTERIA VAREGINA 35
35, VIA VAREGINA
20156 Milano (MI)
tel: 02 324438
DISTANZA: 790 MT.
- 18) GAO SHUJIANG BAR
64, VIA VAREGINA
20156 Milano (MI)
tel: 02 39211662
DISTANZA: 790 MT.
- 19) BAR WHITE BEAR SAS
3, VIA ANDREOLI DON GIUSEPPE
20158 Milano (MI)
tel: 02 39310528
DISTANZA: 810 MT.