



**UNIVERSITÀ DEGLI STUDI DI MILANO**

DIPARTIMENTO DI SCIENZE  
FARMACOLOGICHE E BIOMOLECOLARI

*presents*



**Thursday, July 2<sup>nd</sup> 2015**

***Via Balzaretto 9, Milan***

Registration is free, via email at [nextstep6.register@gmail.com](mailto:nextstep6.register@gmail.com)

**Deadline for registration: June 18<sup>th</sup> 2015**



**Thursday July 2<sup>nd</sup> 2015 – SCIENTIFIC PROGRAM**

**8:00 – 8:45** Registration  
**8:45 – 9:00** Opening Prof. Giorgio Racagni, DiSFeB Director  
**9:00 – 10.45** Oral presentations, 1<sup>st</sup> session

<b>Neuroscience Field</b> <i>Chairmen: Davide Lecca, Tanmoy Samaddar</i>	<b>Metabolism Field</b> <i>Chairmen: Alessandra Ferrari, Paola Corsetto</i>
<p><b>9.00 – 9.15 Veronica Begni</b> <i>BDNF modulation in response to stressful life events: role of DNA methylation and miRNAs</i></p> <p><b>9.15 – 9.30 Paolo Tornese</b> <i>Time-dependent modulation of AMPA/NMDA receptor subunits and changes in working memory induced by acute stress</i></p> <p><b>9.30 – 9.45 Luca Castelnovo</b> <i>GABA-A receptor subunits in Schwann cells are cross-regulated in GABA-B null mice</i></p> <p><b>9.45 – 10.00 Daniele Riccio</b> <i>The P2Y<sub>2</sub> purinergic receptor: a new therapeutic target in trigeminal inflammatory pain</i></p> <p><b>10.00 – 10.15 Maria Elena Cicardi</b> <i>The role of the Protein Quality Control system in motoneuronal and muscular models of motor neuron diseases</i></p> <p><b>10.15 – 10.30 Maria Serena Paladini</b> <i>Genome-wide analysis of LPS-induced inflammatory response in the rat ventral hippocampus: modulatory activity of the antidepressant agomelatine</i></p> <p><b>10.30 – 10.45 Giada Amodeo</b> <i>Human adipose-derived stromal cells and their conditioned medium induce a long lasting relief of painful symptoms in STZ-induced diabetic neuropathy</i></p>	<p><b>9.00 – 9.15 Matteo Audano</b> <i>A cytoplasmic RNA binding protein (RBP) controls skeletal muscle differentiation</i></p> <p><b>9.15 – 9.30 Simone Romano</b> <i>Cholesterol and diabetic encephalopathy</i></p> <p><b>9.30 – 9.45 Alessandra Fidone</b> <i>Epigenetics and metabolism: the role of histone modifications in metabolic diseases</i></p> <p><b>9.45 – 10.00 Elena Signoretto</b> <i>Characterization of Dictyostelium discoideum Nramp1 and Nramp2 transporters expressed in Xenopus oocytes</i></p> <p><b>10.00 – 10.15 Federica Lolli</b> <i>Hepatic ERα coordinates metabolic and inflammatory response to nutritional changes in female liver</i></p> <p><b>10.15 – 10.30 Chiara Macchi</b> <i>Glucose and lipid homeostasis during confinement in a 520-day simulated interplanetary mission to Mars</i></p> <p><b>10.30 – 10.45 Chiara Ricci</b> <i>STAT3 inhibition induces PCSK9 in hepatic cell line: possible involvement in hypertriglyceridemia associated with insulin resistance</i></p>

**10:45 – 11.15** Coffee break  
**11.15 – 13.15** Round Table: «50 Shades of Research»  
**13.15 – 14.30** Lunch  
**14.30 – 16.00** Oral presentations, 2<sup>nd</sup> and 3<sup>rd</sup> sessions  
**16.00 – 16.15** Short Break  
**16.15 – 17.30** Oral presentations, 2<sup>nd</sup> and 3<sup>rd</sup> sessions

<b>Immunology Field</b> <i>Chairmen: Diletta Scaccabarozzi, Silvia Franchi</i>	<b>Nutraceutical Field</b> <i>Chairmen: Chiara Di Lorenzo, Enrico Sangiovanni</i>
<p><b>14.30 – 14.45 Giulia Dell’Omo</b> <i>The oscillatory expression of ERα as a new drug target for resensitizing hormone-refractory breast cancer</i></p> <p><b>14.45 – 15.00 Angela Papale</b> <i>Molecular mechanisms involved in chemical allergen-induced IL-18 production in a human keratinocyte cell line</i></p> <p><b>15.00 – 15.15 Giovanna Pepe</b> <i>Genome-wide expression analysis of estrogen action in macrophages</i></p>	<p><b>14.30 – 14.45 Monica Marzagalli</b> <i>Vitamin E-derived delta-tocotrienol against melanoma: molecular pathways leading to cell death</i></p> <p><b>14.45 – 15.00 Francesca Colombo</b> <i>Development of novel rapid methods to assess the antioxidant activity associated with food compounds</i></p> <p><b>15.00 – 15.15 Marco Fumagalli</b> <i>Anti-inflammatory activity of different varieties of raisin (Vitis vinifera L.) in human gastric epithelial cells: a comparative study</i></p>
<b>Neuroscience Field</b> <i>Chairmen: Silvia Giatti, Manuela Mellone</i>	<b>Cardiovascular Field</b> <i>Chairmen: Alice Ossoli, Gianpaolo Tibolla</i>
<p><b>15.15 – 15.30 Giusy Coppolino</b> <i>Promoting re-myelination in Multiple Sclerosis via the GPR17 receptor, a new key actor in oligodendrogenesis</i></p> <p><b>15.30 – 15.45 Nathalie Sala</b> <i>Brain area-specific changes in glucose metabolism in rats after acute stress</i></p> <p><b>15.45 – 16.00 Riccardo Cristofani</b> <i>Misfolded proteins toxicity in motor neuron diseases</i></p>	<p><b>15.15 – 15.30 Gloria Balzarotti</b> <i>PI3K-C2b plays a key role in the activation and the proliferation of T lymphocytes: impact on vascular diseases</i></p> <p><b>15.30 – 15.45 Eva Tarantino</b> <i>ASA decreased venous thrombosis by reducing tissue factor in a thromboxane dependent-manner in mouse</i></p> <p><b>15.45 – 16.00 Federica Dellerà</b> <i>Effect of homoarginine on neointima formation in balloon-injured rat carotid arteries</i></p>
<b>Short Break</b>	<b>Short Break</b>
<p><b>16.15 – 16.30 Stefano Musardo</b> <i>Development of innovative tools for Alzheimer’s disease therapy</i></p> <p><b>16.30 – 16.45 Chiara Malpighi</b> <i>Repeated exposure to cocaine alters molecular mechanisms involved in the regulation of cognition in adolescent rats</i></p> <p><b>16.45 – 17.00 Simona Melfi</b> <i>Decrease in NF2 expression induces changes in Schwann cell differentiation</i></p> <p><b>17.00 – 17.15 Natalia Marchetti</b> <i>Interleukin-1beta induces long-term effects on the development of glutamatergic neurons</i></p>	<p><b>16.15 – 16.30 Giulia Ganzetti</b> <i>Effect of a single infusion of Tetractin-ApoA-I on atherosclerosis in rabbits</i></p> <p><b>16.30 – 16.45 Fabio Lucca</b> <i>Role of LpX in the development of renal disease in LCAT deficiency</i></p> <p><b>16.45 – 17.00 Andrea Baragetti</b> <i>Genetic variants affecting Leukocytes Telomere Length and its shortening are associated with cardio-metabolic impairment and cardiovascular prognosis in the general population</i></p> <p><b>17.00 – 17.15 Paola Canzano</b> <i>Impact of chronic kidney disease on the platelet phenotype and the plasma proteomic profile of CAD patients</i></p> <p><b>17.15 – 17.30 Laura Rossetti</b> <i>Hypertension upregulates platelet tissue factor expression in stroke-prone rats</i></p>

**17:30 – 18.00** Closing remarks and Award Ceremony for the best oral presentations  
**18.00** Happy Hour