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**PhD Program in  
BIOMEDICAL SCIENCES  
PROGRESS REPORT A.A. 2014-2015  
Vallisneri Building, Aula Magna - October 2-5-6-7, 2015**

**Friday 2th October 2015 - Aula F Piano rialzato**

9:30 am      Alessandra Gasparini      Neurodevelopmental disorders overview: same disease, different perspectives

**Monday 5th October 2015 - Aula Magna**

2:00 pm      Roberta Angioni      Mesenchymal Stem Cells immunosuppressive role: The role of endothelium

2:30 pm      Salvatore Antonucci      Mitochondrial oxidative stress in the diabetic cardiomyopathy

3:00 pm      Marco Carraro      Analysis of genetic variants shaping human phenotypes

3:30 pm      Giulia Di Marco      Role of mitokATP in skeletal muscle

4:00 pm      Simona Feno      Physiological role of the MCU dominant-negative subunit, MCUb

**Tuesday 6th October 2015 - Aula Magna**

2:00 pm      Martina Baraldo      The role of Raptor in adult skeletal muscle

2:30 pm      Alessandra Geffner Smith      Tetanus and Botulinum Neurotoxins Entry into Nerve Terminals: a Structural Biology Approach

3:00 pm      Valentina Prando      Role of the mitochondrial protein Opa1 in the regulation of the function and survival of cardiac sympathetic neurons (cSN)

3:30 pm      Maria Linda Requeie      Neuron-Astrocyte signalling in basal ganglia

4:00 pm      Giulia Rigotto      Study of mitochondria physiology in transgenic mouse models of Alzheimer's Disease

**Wednesday 7th October 2015 - Aula Magna**

2:30 pm      Giulia Zanetti      Thioredoxin and its reductase are present on synaptic vesicles, and their inhibition prevents the paralysis induced by botulinum neurotoxins

3:00 pm      Alice Rossi      Effects of presenilin 2 mutations associated with familial Alzheimer's disease on cell functionality

3:30 pm      Antonio Campo      miRNA-dependent modulation of MCU in the heart

4:00 pm      Faculty Council