

9.00 **Welcome and introduction:** Prof. Paola Viani, Dept. Director

9.30 **TRANSLATIONAL MEDICINE** Chair: Prof. D. Fornasari

Di Biase E. - *"The oligosaccharide of GM1 ganglioside as a new neurotrophic agent: evidence on the development of primary neurons in culture"*

Isailovic N. - *"Regulatory B and T cell modulation by tofacitinib in rheumatoid arthritis"*

Oggionni G. - *"Is autonomic adaptation a component of athlete's heart? Insight from a novel unitary autonomic index for sport"*

10.20 **Immunology and Oncology** Chair: Prof. M. Locati

Oriolo F. - *"The constitutive expression of NKp46 Identifies a new subset of anti-tumor V $\delta$ 1 Intraepithelial T cells resident in human intestine"*

Mazzola M. - *"NIPLB, a new player with NPMc+ in myeloid cells differentiation"*

Spiombi E. - *"MeCP2 is required for functional primary cilia"*

11.10 **Coffee break**

11.25 **Plenary lecture: Prof. Andrea Moro (Scuola Universitaria Superiore di Pavia)**

*"Impossible languages: when linguistics meets the brain"*

12.15 **Lunch and Poster session**

14.15 **METHODS AND TECHNOLOGIES** Chair: Prof. L. Cantù

Todisco M. - *"DNA nanoruler: a novel biotechnological tool to quantify proximity at high resolution"*

Edera P. - *"Delayed creep in Colloidal gels"*

Mollica L.- *"A computational view of dsDNA-RNA triplex recognition by l-RNA aptamers"*

Grilli A.- *"A bioinformatic framework to identify cell subpopulations from bulk gene expression data of cancer samples"*

15.20 **MOLECULAR MECHANISMS OF DISEASES** Chair: Prof. S. Sonnino

Cabitta L.- *"Identification of the antigen recognized by rHIgM22, A remyelination-promoting human monoclonal antibody"*

Casati L.- *"Targeting remodelling bone diseases with nutraceutical compounds: the protective activity of  $\Delta$ -tocotrienol"*

Bestetti I.- *"Identification of novel mechanisms for neurological conditions overlapping Smith-Magenis syndrome"*

Forastieri C.- *"Stress-induced LSD1 and SRF modulation and their potential protective role towards neuropsychiatric disorders"*

Paladini M.S.- *"Stress-induced modulation of the oxidative balance in the rat brain: effect of the antipsychotic lurasidone"*

16.40 **Aperitif & Best Talk and Best Poster awards**