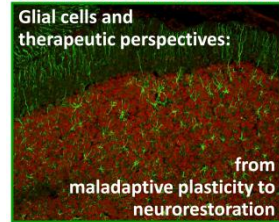




UNIVERSITÀ  
DEGLI STUDI  
FIRENZE

CONVEGNO MONOTEMATICO



2018

Firenze, 29 giugno



SOCIETÀ ITALIANA DI FARMACOLOGIA

CONVEGNO MONOTEMATICO

**“Glial cells and therapeutic perspectives:  
from maladaptive plasticity to neurorestoration”**

Firenze, 29 giugno 2018

Aula Magna del Rettorato, Piazza San Marco 4

ore 9:00 -9:30 Accoglienza partecipanti - Registrazione e Welcome Coffee

ore 9:30-10:00 Saluto Autorità

ore 10:00-10:30 **Claudia Verderio**  
(introduce: Maria Angela Sortino)

**Multimodal microglia modulation of neuronal function via extracellular vesicles: implications in neuroinflammatory diseases**

ore 10:30-12:45 Sessione I: Glial cells, single phenotypes and cell-cell interactions

(moderatori: Mariagrazia Grilli, Anna Pittaluga)

***Astrocyte heterogeneity in health and disease: insight into mechanisms regulating the neurogenic activation of parenchymal astroglia and astrocyte-dependent cerebellar functions***

Buffo A.

***Role of the cross-talk between microglia and oligodendroglial progenitors in cerebral ischemia***

Fumagalli M.

***Role of NPC-astrocyte crosstalk in Down syndrome***

Salvalai M.E.

***The neuron-astrocyte-microglia triad in rodent models of neurodegeneration***

Giovannini M.G.

***Neuroinflammation: Glia, Mast Cells, and Their Interactions***

Zusso M.

***G protein coupled receptor heterodimers on astrocytes: presence and function***

Marcoli M.

***Role of astrocytes in PBMCs migration through an in vitro model of blood brain barrier***

Spampinato S.F.

***CCL5-glutamate cross-talk in astrocyte-neuron communication in mammal CNS***

Pittaluga A.

***Sphingosine 1-phosphate receptor subtype 1 (S1PR1) as a therapeutic target for brain trauma***

Paterniti I.

12.45 -13.45 Pranzo

13.45 -14.15 **Annamaria Vezzani**  
(introduce: Sabatino Maione)

**Innate immunity and inflammation in epilepsy: the pathophysiological role of glial cells**

14.15 -14.30 Saluti del Magnifico Rettore

14.30 -16.45 Sessione II: Therapeutic approaches and cross-talk between peripheral and central glial cells

(moderatori: Emanuela Masini, Salvatore Cuzzocrea)

***Brain plasticity in chronic pain: glial cells as potential pharmacological targets***

Ceruti S.

***Targeting HCAR2 to treat neuropathic pain***

Boccella S.

***Glia and Alzheimer's disease: the pharmacological manipulation as promising tool against pathology progression***

Scuderi C.

***N-palmitoylethanolamide prevents Parkinsonian phenotypes in aged mice***

Crupi R.

***Exosome-shuttled miRNAs derived from mesenchymal stem cells modulate in-vitro the reactive phenotype of amyotrophic lateral sclerosis glial cells***

Milanese M.

***Antibiotic-induced microbiota perturbation causes gut endocannabinoidome changes, hippocampal neuroglial reorganization and depression in mice***

Iannotta M.

***Protease and protease-activated receptors as regulators of peripheral nerve regeneration***

Fabrizi C.

***Schwann cell TRPA1 mediates neuroinflammation that sustains macrophage-dependent neuropathic pain in mice***

De Logu F.

***Parabrachial nucleus astrocytes modulate pain perception: a protective skill***

Di Cesare Mannelli L.

16.45

Conclusioni (C. Ghelardini)

*Con il gentile contributo di:*

