

SCR Italy - One Day Meeting
GIOVANI RICERCATORIA CONFRONTO
19 maggio 2023, Chieti

Programma:

9:00 REGISTRAZIONE PARTECIPANTI

10:00 Human amniotic fluid stem cells and recombinant human Nerve Growth Factor to engineer human corneal lenticule: a potential sustained delivery system for posterior ocular diseases treatment - **Letizia Pelusi (Chieti)**

10:20 Characterization of a new source of mesenchymal stromal cells isolated from dog urine - **Giulia Gaspari (Milano)**

10:40 Epithelial-mesenchymal transition: a key driver of amniotic derived stem cells immune response - **Giuseppe Prencipe (Teramo)**

11:00 Study of a protocol for the development of organoids derived from dental pulp stem cells - **Loreto Lancia (L'Aquila)**

11:20 Investigation of the role of non-myogenic mesenchymal cells in FSHD pathophysiology and of the effects of the treatment with human amniotic cell conditioned medium on their in vitro properties - **Flavia Giancalone (Roma)**

1:40 The human amniotic fluid as an appealing source of trophic paracrine factors: from stromal mesenchymal cells to soluble extracellular vesicles - **Maddalena Ghelardoni (Genova)**

12:00 The secretome isolated from mesenchymal stem cells loaded with the paclitaxel shows a significant cytotoxic effect on osteosarcoma cell lines - **Alessia Banche Niclot (Torino)**

12:20 Identification of anti-aging molecular compounds: a new strategy to delay the senescence of Adult Renal Progenitors Cells and improve the anti-aging Klotho protein secretion - **Angela Picerno (Bari)**

12:40 Promotion of fibroblast differentiation towards myofibroblast through hydrogel stiffness modulation - **Francesco Palmieri (Firenze)**

13:00 LIGHT LUNCH

14:00 Nanodelivery of allele-specific siRNAs in human calvarial mesenchymal stromal cells to dampen overactive suture ossification in Crouzon syndrome - **Federica Tiberio (Roma)**

14:20 Oxytocin modulates osteogenic commitment and autophagy in human adipose derived mesenchymal stem cells - **Giovannamaria Petrocelli (Bologna)**

14:40 Multilineage differentiating Stress Enduring (Muse) cells as disease-related model - **Domenico Aprile (Napoli)**

15:00 2D and 3D osteosarcoma (OS) in vitro models using human platelet lysate (HPL) to select cancer stem cells and create an OS profile database - **Elena Marini (Torino)**

15:20 Role of lipid rafts during multilineage differentiation of human dental pulp-derived stem cells - **Jessica Fabrizi (Rieti)**

15:40 Human amniotic fluid stem cells as a proficient source of exosomes for the treatment of Parkinson's disease: a protective effect of intranasally administered exosomes in a unilaterally lesioned 6-ohda mouse model - **Francesco D'Egidio (L'Aquila)**

16:00 Hybrid E/M states: a bridge between stem cell plasticity, tumorigenicity and tissue regeneration - **Angelo Canciello (Teramo)**

16:20 Generation of induced pluripotent stem cells lines to study the cognitive deficits associated with Noonan Syndrome – **Giulia Sbrini (Brescia)**

16:40 In situ detection of microvesicles secreted by human amniotic epithelial cells: new insights from ultrastructural analysis - **Valentina Giansante (Chieti)**

17:00 Chiusura dei lavori ed estrazione premio