

Symposium 7 | Regenerative & Genomic Medicine

Organizers: A. Portincasa (IT), A. Rizvanov (RU), L. Ferreira (PG)

Day: Thursday June 9, Friday June 10

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08.30-10.30 Session 1 : Novel Therapeutics

Cytochalasin B-induced membrane vesicles from mesenchymal stem cells overexpressing TRAIL activate key components of the apoptotic pathway in breast cancer mouse model

Albert Rizvanov (Kazan Federal University, Russia C.I.S.) 56ASM-0074

The FAPx4-1BB bispecific DARPIn[®] molecule MP0310, enhances daratumumab-mediated anti-myeloma activity

Ilaria Saltarella (University of Bari, Italy) 56ASM-0206

Cross-correction of β -hexosaminidase A deficiency using genetically modified human mesenchymal stem cells in a cell culture of Tay-Sachs disease patient

Alisa Shaimardanova (Kazan Federal University, Russia C.I.S.) 56ASM-0150

Analysis of immune cell activation after interaction with membrane vesicles from genetically modified tumor cells

Zarema Gilazieva (Kazan Federal University, Russia C.I.S.) 56ASM-0091

bFGF regulates adipose-derived stem cells from different fat depots in lean and obese subjects to differentiate into endothelial cells by a specific microRNA signature

Anna Civit-Urgell (IR-HSCSP, Spain) 56ASM-0197

10.30-12.30 Session 2 : Gene Expression and Cell Signalling

The study of tumor spheroids formation after cytochalasin B induced membrane vesicles addition

Zarema Gilazieva (Kazan Federal University, Russia C.I.S.) 56ASM-0073

Analysis of functionality and biodistribution of AAV/Olig001 encoding arylsulfatase A gene in the porcine nervous system

Alisa Shaimardanova (Kazan Federal University, Russia C.I.S.) 56ASM-0152

RESEarch for healthy AGEING – RESETageing – a twinning project

Luís Estronca (University of Coimbra, Portugal) 56ASM-0287

Sex-specific progression from diastolic dysfunction to HFpEF: rational and preliminary results of the HELPFulUP study

Elisa Del Canto (Utrecht Medical Center UMC, Netherlands) 56ASM-0322

Impact of Gestational Exercise during Maternal Obesity in the Offspring Metabolic-Endocrine Environment: Role of Aging

Luís F. Grilo (Center for Neuroscience and Cell Biology, Portugal) 56ASM-0218

14.00-16.00 Session 3: Regenerative Medicine and Surgery

The experimental evaluation of adipose-derived stem cells and stromal vascular fraction in tissue engineering-based treatment of hard-to-heal skin wounds

Massimo Conese (University of Foggia, Italy)

New frontiers of bioengineering in plastic, reconstructive and aesthetic surgery: from the laboratory to the operating room

Domenico Parisi (University of Foggia, Italy)

The prominent role of Adipose Derived Stem Cells (ADSC) in reconstructive surgery in different districts of body: is this the “four seasons technique”?

Nicola Fini (Policlinico “Riuniti” of Foggia, Italy)

A new protocol for release of pseudosyndactyly in recessive dystrophic epidermolysis bullosa using a dermal regeneration template glove: the Foggia experience

Vincenzo Verdura (Policlinico “Riuniti” of Foggia, Italy)

Platelet-Rich Plasma (PRP) as a modulating system in active skin infections: a new protocol

Luigi Annacontini (Policlinico “Riuniti” of Foggia, Italy)

Correlation between atrial cardiomyopathy and predictive biomarkers of cryptogenic stroke in primary and secondary prophylaxis: potential role of endothelial progenitor cell (EPCs) dysfunction

Vanessa Desantis (University of Bari Aldo Moro, Bari, Italy)