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Extracellular Vesicles Theralytic Technologies

Program - EV-TT Symposium

Thursday, 27.10.2022

14:00 - 16:00		
EV-TT Symposium - Part 1 (Auditorium, House C, Ground floor, PMU)		
14:00 - 14:05	Mario Gimona	Brief Welcome and Introduction Note
14:05 - 14:10	Edit Buzas	Value and Prospect of the EV-TT Program
14:10 - 14:30	Eva Grasmann	WP1 - Establishment of a bioreactor technology for MSCs
14:30 - 14:40	Mario Gimona	WP2 - Immortalization of an initial cell line for the production of therapeutically active EVs WP5 - Differential NTA / fluorescence (FL) NTA
14:40 - 15:00	Alexander Popoff	WP4 - ATR-FTIR as tool for EV quality control
15:00 - 15:20	Mario Gimona	WP4 - Tangential flow filtration (TFF) and chromatography (SEC) in the manufacturing train for MSC EVs WP7 – Potency assays part 1: from naive MSC-EVs (in vitro) – CD73 activity
15:20 - 15:40	André Cronemberger Andrade	WP3 - iPS technology and hypoxia as support for the production of therapeutically active EVs WP7 - Potency assays part 2: tbc
15:40 - 16:00	Fausto Gueths Gomes	WP6 - Platelet EVs

16:00 - 16:30

Coffee Break



16:30 - 18:15		EV-TT Symposium - Part 2 <i>(Auditorium, House C, Ground floor, PMU)</i>
16:30 - 17:00	Eva Klinglmayr & Heloisa Da Costa Melo Benirschke	WP8.1 - Isolation and loading of extracellular vesicles from food with active ingredients
17:10 - 17:30	Melanie Schürz	WP8.2 - Analytical characterization of EV-based formulations (quantitative and qualitative) WP8.3 - Uptake into target cells and functional activity in in vitro assays WP9 - Biodistribution, bioavailability and pharmacokinetics in vivo
17:30 - 17:50	Andreas Traweger	WP11 - Application of hUC-MSC-EVs to promote tendon and bone repair – small and large animal studies.
17:50 - 18:10	Mario Gimona	WP10 - Dissemination strategies WP11 - Transfer activities
18:15 - 18:45	Closing Remarks	