Extracellular vesicles – a novel source of disease biomarkers



Date: Thursday, 7th of December 2017 (8.30-15h)

Location: University of Ljubljana, Faculty of Medicine, Institute of Biochemistry, Vrazov trg 2, Ljubljana

Workshop programme:

8.30 – 8.50	Coffee break
8.50 – 9.00	Opening address:
8.30 – 9.00	Prof. Dr. Ksenija Geršak, Vice Dean of Science and Research (UL, MF)
	Prof. Dr. Ana Plemenitas, Head of the Institute of Biochemistry (UL, MF, IBK)
	1101. Dr. And Flemenicas, fredu of the institute of blochemistry (OL, Wil, Ibk)
Session 1	Extracellular vesicles as novel intercellular communicators in health and disease
9.00 – 9.40	The role of extracellular vesicles in spreading an intercellular stress response
	(Dave Carter, Oxford Brookes University, UK)
9.40 – 10.00	Intracellular localization and release of Nef.GFP from human microglia in culture
	(Matjaž Stenovec, UL, MF, PAFI)
10.00 - 10.20	Mechanism of activation and role of partially oxidized extracellular vesicles in chronic inflammatory
	diseases (<u>Mateja Manček Keber, KI</u>)
10.20 - 10.30	Isolation of fungal extracellular vesicles, the potential host-pathogen messengers
	(<u>Tilen Konte, UL, MF, IBK</u>)
10.30 – 11.10	Coffee break
10.50 11.10	COJJEC DIEUK
Session 2	Extracellular vesicle concentration and size profile as potential biomarkers of disease
11.10 – 11.30	Characterization of extracellular vesicles by Nanoparticle Tracking Analysis and Dynamic Light
30	Scattering (Tom Dennison, LKB, Malvern)
11.30 – 11.50	Characterisation of particles in the exosome sample stained with fluorescence dye PKH26
	(<u>Pia Pužar Dominkuš, IBK</u>)
11.50 - 12.20	Concentration of extracellular vesicles by flow cytometry in patients with Charcot neuroarthropathy
	and mastocytoma (<u>Veronika Kralj Iglič, UL, ZF</u>)
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