Mojca Frank

Country: Slovenia

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Year of birth: 1978

Main diplomas:
- MD: 2005, University of Ljubljana, Slovenia
- PhD: 2010, University of Ljubljana, Slovenia, PhD Thesis title: *"Clinical significance of mediated interactions between phospholipid membranes and phospholipid membrane vesiculation"*

Current position and hospital/university:
Postdoctoral Research Fellow, Center of Experimental Rheumatology, University Hospital Zurich, Zurich, Switzerland

Position within EULAR/international experience:
- EMEUNET working group member
- 2011 Articulum Fellowship, Center of Experimental Rheumatology, University Hospital Zurich, Zurich, Switzerland (1 year)

Role as EMEUNET working group member: Subgroups: EMEUNET Visibility, Web Page, Education and EMEUNET Surveys. ACR 2011 Newsletter, Mentoring Survey.

Areas of Research/Interest: Rheumatoid arthritis, cardiovascular disease, activation of synovial fibroblast, epigenetics (microRNA, DNA methylation), microvesicles/ microparticles, microvesicle-mediated intercellular communication

Keywords: RA, synovial fibroblast, microvesicles, DNA methylation, microRNA

Selected Publications:
- Frank M, et al. Effects of low-molecular-weight heparin on adhesion and vesiculation of phospholipid membranes. A possible mechanism for the treatment of hypercoagulability in antiphospholipid syndrome. Ann N Y Acad Sci. 2009; 1173: 874–86.
- Frank M, et al. β2-glycoprotein I and annexin A5 phospholipid interactions: Artificial and cell membranes. Autoimmun Rev. 2009; 9(1): 5–10.
- Frank M, et al. Prevention of microvesiculation by adhesion of buds to the mother cell membrane - a possible anticoagulant effect of healthy donor plasma. Autoimmun Rev. 2008;7(3):240-5.
- Šuštar V, Bedina-Zavec A, Štukelj R, Frank M, et al. Nanoparticles isolated from blood: a reflection of vesiculability of blood cells during the isolation process. International Journal of Nanomedicine 2011 (Accepted).
- Lakota K, Frank M, et al. Acute Phase Proteins and Their Role in Rheumatic Inflammatory Diseases: Emphasis on Serum Amyloid A. In: Veas F (Ed.) Acute Phase Proteins - Regulation and Functions of Acute Phase Proteins. 2011.

Date of last update of the CV: November 2011