



Mojca Frank

Country: Slovenia
Contact e-mail: mojca_frank@yahoo.com
Year of birth: 1978

Main diplomas:

MD: 2005, Faculty of Medicine, University of Ljubljana, Slovenia

Current position and hospital/university:

Young Investigator

Department of Rheumatology, University Medical Centre Ljubljana, Slovenia

Laboratory of Biophysics, Faculty of Electrical Engineering, University of Ljubljana, Slovenia

Position within EULAR/international experience:

EMEUNET member

Areas of Research/Interest:

antiphospholipid syndrome, rheumatoid arthritis, thrombosis, inflammation, phospholipid membranes, microparticles/microvesicles, antibody-antigen-phospholipid membrane interaction, membrane biophysics

Select Publications:

1. **Frank M**, Sodin-Šemrl S, Rozman B, 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.
2. **Frank M**, Manček-Keber M, Kržan 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.
3. **Frank M**, Sodin-Šemrl S, Irman Š, et al. Beta2-glycoprotein I and annexin A5 phospholipid interactions: artificial and cell membranes. *Autoimmun Rev.* 2009; 9(1):5-10.
4. Janša R, Šuštar V, **Frank M**, et al. Number of microvesicles in peripheral blood and ability of plasma to induce adhesion between phospholipid membranes in 19 patients with gastrointestinal diseases. *Blood Cells Mol Dis.* 2008; 41(1):124-32.
5. Urbanija J, Babnik B, **Frank M**, et al. Attachment of beta 2-glycoprotein I to negatively charged liposomes may prevent the release of daughter vesicles from the parent membrane. *Eur Biophys J.* 2008; 37(7):1085-95.