

Name: Katja Lakota

Country: Slovenia

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Year of birth: 1978

Mains diplomas:

Date	1.10.1997-29.10.2003
Title of qualification awarded	Master of Pharmacy
Principal subjects/occupational skills covered	Clinical chemistry, Biochemistry, Pharmacology, Pharmaceutical Technology, Pharmaceutical Chemistry, Pharmaceutical Biotechnology, Biopharmaceutics and Pharmacokinetics, Analytical chemistry, Pathologic Physiology, Anatomy and histology, Analysis and Control of Medicinals, Pharmaceutical Biology with Genetics
Name and type of organization providing education and training	University of Ljubljana Faculty of Pharmacy Aškerčeva 7, SI-1000 Ljubljana
Title of master degree thesis	Differentiation of electrophoretically separated [beta]2 glycoprotein I and protein C inhibitor with chemical staining of sugars and immunochemical reaction (advisor: professor Borut Božič, Ph.D.)
Date	1.10.2007- 29.9.2014
Title of qualification awarded	PhD – Biomedicine (Clinical Biochemistry and Laboratory Biomedicine)
Principal courses	Clinical biochemical diagnostics – algorithms and interpretation (modules: Genetic basis of common diseases, Immune-mediated diseases, Malignant diseases), Methods and models of cell and tissue engineering, Quantitative real-time PCR, Molecular aspects of immunological methods
Name and type of organization providing education and training	University of Ljubljana Faculty of Pharmacy Aškerčeva 7, SI-1000 Ljubljana
Title of thesis	The role of serum amyloid A in inflammation and adaptive immunity (advisor: doc. Snezna Sodin-Šemrl Ph.D.)

Current position and hospital/university:

Analyst in laboratory biomedicine, University Medical Center Ljubljana, Slovenia

Position within EULAR/international experience:

Member of EMEUNET since 2012, member of EMEUNET working group since 2016

Role as EMEUNET working group member: subgroup Newsletter

Areas of Research/Interest: Inflammation and acute phase response in atherogenesis; role of adipokines in fibrosis; biomarkers in giant cell arteritis

Keywords: inflammation, acute phase response, scleroderma, autoantibodies,

giant cell arteritis

Representative publications

- MARANGONI, Roberta G., MASUI, Yuri, FANG, Feng, KORMAN, Benjamin, LORD, Gabriel, LEE, Jungwha, LAKOTA, Katja, WEI, Jun, SCHERER, Philipp E., OTVOS, Laszlo, et al. Adiponectin is an endogenous antifibrotic mediator and therapeutic target. *Scientific reports*, ISSN 2045-2322, Jun. 2017, vol. 7, str. 1-1.
- BHATTACHARYYA, Swati, WANG, Wenxia, MORALES-NEBREDA, Luisa, FENG, Gang, WU, Minghua, ZHOU, Xiaodong, LAFYATIS, Robert, LEE, Jungwha, HINCHCLIFF, Monique, LAKOTA, Katja, et al. Tenascin-C drives persistence of organ fibrosis. *Nature communications*, ISSN 2041-1723, Jun. 2016, vol. 7, str. 1-14
- LAKOTA, Katja, CARNS, Mary, PODLUSKY, Sofia, MRAK POLJŠAK, Katjuša, HINCHCLIFF, Monique, LEE, Jungwha, TOMŠIČ, Matija, SODIN-ŠEMRL, Snežna, VARGA, John. Serum amyloid A is a marker for pulmonary involvement in systemic sclerosis. *PloS one*, ISSN 1932-6203, Jan. 2015, vol. 10, iss. 1.
- ANTICO, Giovanni, ALOMAN, Monica, LAKOTA, Katja, MIELE, Lucio, FIORE, Stefano, SODIN-ŠEMRL, Snežna. Uteroglobin, a possible ligand of the lipoxin receptor inhibits serum amyloid A-driven inflammation. *Mediators of inflammation*, ISSN 1466-1861, 2014, vol. 2014
- LAKOTA, Katja, MRAK POLJŠAK, Katjuša, BOŽIČ, Borut, TOMŠIČ, Matija, SODIN-ŠEMRL, Snežna. Serum amyloid A activation of human coronary artery endothelial cells exhibits a neutrophil promoting molecular profile. *Microvascular research*, ISSN 0026-2862, Nov. 2013, vol. 90, str. 55-63.
- ERMAN, Andreja, LAKOTA, Katja, MRAK POLJŠAK, Katjuša, BLANGO, Matthew G., KRIŽAN-HERGOUTH, Veronika, MULVEY, Matthew A., SODIN-ŠEMRL, Snežna, VERANIČ, Peter. Uropathogenic escherichia coli induces serum amyloid A in mice following urinary tract and systemic inoculation. *PloS one*, ISSN 1932-6203, Mar. 2012, vol. 7, iss. 3, str. [1-7], e32933.
- LAKOTA, Katja, WEI, Jun, CARNS, Mary, HINCHCLIFF, Monique, LEE, Jungwha, WHITFIELD, Michael L., SODIN-ŠEMRL, Snežna, VARGA, John. Levels of adiponectin, a marker for PPAR-gamma activity, correlate with skin fibrosis in systemic sclerosis : potential utility as biomarker?. *Arthritis research & therapy*, ISSN 1478-6362. [Online ed.], May 2012, vol. 14, iss. 3. <http://arthritis-research.com/content/pdf/ar3827.pdf>
- LAKOTA, Katja, THALLINGER, Gerhard G., SODIN-ŠEMRL, Snežna, ROZMAN, Blaž, AMBROŽIČ, Aleš, TOMŠIČ, Matija, PRAPROTNIK, Sonja, ČUČNIK, Saša, MRAK POLJŠAK, Katjuša, CERIBELLI, Angela, CAVAZZANA, Ilaria, FRANCESCHINI, Franco, VENCOVSKÝ, Jiří, CZIRJAK, Laszlo, VARJÚ, Cecilia, STEINER, Gunther, ARINGER, Martin, STAMENKOVIČ, Bojana, DISTLER, Oliver, MATUCCI-CERINIC, Marco, KVEDER, Tanja. International cohort study of 73 anti-Ku-positive patients : association of p70/p80 anti-Ku antibodies with joint/bone features and differentiation of disease populations by using principal-components analysis. *Arthritis research & therapy*, ISSN 1478-6362. [Online ed.], 2012, vol. 14, iss. 1
- LAKOTA, Katja, RESNIK, Nataša, MRAK POLJŠAK, Katjuša, SODIN-ŠEMRL, Snežna, VERANIČ, Peter. Colocalization of serum amyloid A with microtubules in human coronary artery endothelial cells. *Journal of Biomedicine and Biotechnology (Online)*, ISSN 1110-7251, 2011, str. [1-8].
- LAKOTA, Katja, THALLINGER, Gerhard G., ČUČNIK, Saša, BOŽIČ, Borut, MRAK POLJŠAK, Katjuša, AMBROŽIČ, Aleš, ROZMAN, Blaž, BLINC, Aleš, TOMŠIČ, Matija, SODIN-ŠEMRL, Snežna. Could antibodies against serum amyloid A function as physiological regulators in humans?. *Autoimmunity*, ISSN 0891-6934, Mar. 2011, vol. 44, issue 2, str. 149-158.

Date of last update of the CV: 27nd Sept 2017