

Curriculum vitae (CV)

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| Personal information | First name, last name | <u>KRISTINE SALENIECE</u> |
| | Birth data | <u>16.05.1970.</u> |
| Education | | |
| 10.12.2010. University of Latvia Dr. pharm. ISCED 860 | | |
| Current employment | | |
| Since September 2012 Assistant Professor, University of Latvia, Faculty of Medicine | | |
| Previous employment | | |
| 2010 -2012 Lecturer, University of Latvia, Faculty of Medicine | | |
| 2004 - 2010 Teaching assistant, University of Latvia, Faculty of Medicine | | |
| 2002 - 2004 Teacher, University of Latvia, Faculty of Medicine | | |
| Research experience | | |
| 2016 - Researcher in the project No.ZD2016/AZ114 of University of Latvia "Research of biomarkers and natural compounds for diagnosis of acute and chronic disease and personalized treatment I". | | |
| 2014 - 2016 Researcher in the project No.ZD2014/AZ of University of Latvia "Studies of disabling pathology and mortality of patients in different age groups and research of new structures for treatment of neurodegenerative disorders" | | |
| 2010 - 2012 Researcher in the European Social Fund co-financed project 2009/0217/1DP/1.1.1.2.0/09/APIA/VIAA/031 " Neuroimmuno regulatory options in the treatment of neurodegenerative diseases with a new type of privileged structures" | | |
| 2005 - 2008 Assistant in the project of University of Latvia "Studies of potatoes (<i>Solanum tuberosum</i> L.) extract curative properties". | | |
| Recent publications: | | |
| 1. Legzdina L., Nakurte I, Kirhnere I, Namniece J., Krigere L., Saleniece Kr. , Beinarovica I., Muceniece R. Up to 92 % increase of cancer-preventing lunasin in organic spring barley. Agronomy for Sustainable Development. 2014; 34 (4); 783-791 | | |
| 2. Nakurte I., Kirhnere I., Namniece J., Saleniece Kr. , Krigere L., Mekss P., Vicupe Z, Bleidere M., Legzdina L., Muceniece R. Detection of the lunasin peptide in oats (<i>Avena sativa</i> L). Journal of Cereal Science. 2013; 57; 319-324 | | |
| 3. Muceniece R., Saleniece Kr. , Rumaks J., Krigere L., Dzirkale Z., Mezhapuke R., Zharkova O., Klusa V. Betulin binds to gamma-aminobutyric acid receptors and exerts anticonvulsant action in mice. Pharmacol Biochem Behav. 2008; 90; 712-716. | | |

4. Muceniece R., **Saleniece Kr.**, Krigere L., Rumaks J., Dzirkale Z., Mezhapuke R., Kviesis J., Mekss P., Klusa V., Schioth H.B., Dambrova M. Potato (*Solanum tuberosum*) Juice Exerts an Anticonvulsant Effect in Mice through Binding to GABA Receptors. *Planta Med.* 2008 Apr;74(5):491-496

5. Muceniece R, **Saleniece K.**, Riekstina U, Krigere L, Tirzitis G, Ancans J. Betulin binds to melanocortin receptors and antagonizes alpha-melanocyte stimulating hormone induced cAMP generation in mouse melanoma cells. *Cell Biochem Funct.* 2007, 25, 591-596.

Conference:

1. **Saleniece Kr.**, Feldmane G., Muceniece R., Tihanova D., Prindule B., Nakurte I.. Determination of *dsRNA* in Larifan using Ion Exchange Liquid Chromatography. Abstracts Modern aspects and applications of chromatography in education, research and industry (Daugavpils, 16-18 October 2013; P12)

2. **Saleniece Kr.**, Korcagina I., Krigere L., Vrublevska Kr., Muceniece R. Studies on extemporal drug storage and expiration dates. Abstracts 2nd BBBB Conference on Pharmaceutical Sciences (Tartu, 13 - 15 September 2007) *Eur.J. Pharmac.Sci.*, 2007, 32/1S suppl., S24-S25.

3. Vrublevska Kr., Petjkane I., Krigere L., **Saleniece Kr.**, Muceniece R. Experience of the dispensing of plant and sea animal extract-based rheumatoid arthritis drugs. Abstracts 2nd BBBB Conference on Pharmaceutical Sciences (Tartu, 13 - 15 September 2007), *Eur.J. Pharmac.Sci.*, 2007, 32/1S, S33.

4. Krigere L., Jekabsons Kr., **Saleniece Kr.**, Muceniece R. Qualitative and quantitative analysis of the phenazepam tablets 12 years after manufacturing. Abstracts 2nd BBBB Conference on Pharmaceutical Sciences (Tartu, 13 - 15 September 2007) *Eur.J. Pharmac.Sci.*, 2007, 32/1S suppl., S24.

5. Krigere L., **Saleniece Kr.**, Vrublevska Kr., Riekstina U., Muceniece R. Substance P antagonist spantide-I binds to melanocortin receptors and inhibits lipopolysaccharide-induced nitric oxide production in murine macrophage cell line RAW264.7. *Neuropeptides 2007; functions, dysfunctions&therapeutic options.* 19-21 April, Santorini, Greece. Abstract book p.65

Awards and scholarships

n/a

Thesis work led

n/a

Pedagogical work

Pharmacognosy, 4 credit points, University of Latvia

Technology of drug compounding, 6 credit points, University of Latvia

Biosynthesis of active plant compounds, 2 credit points, University of Latvia

Design of dosage forms, 2 credit points, University of Latvia

Participation in scientific bodies

Society of pharmacologists

Institutional positions

The secretary of Promotion Council

The secretary of Final Examination Commission