

Curriculum vitae (CV)

Personal information	
First name, last name	<u>Kaspars Jēkabsons</u>
Birth data	<u>11.04.1981.</u>
Education	
July 2006	Faculty of Medicine, University of Latvia, Latvia MSc in health science, pharmacist ISCED 740
June 2004	Faculty of Medicine, University of Latvia, Latvia BSc in health science, pharmacist ISCED 640
Current employment	
Researcher, Faculty of Medicine, University of Latvia, Latvia Project administrator, Faculty of Medicine, University of Latvia, Latvia	
Previous employment	
2010-	Researcher, Faculty of Medicine, University of Latvia, Latvia
2008-2010	Assistant, Faculty of Medicine, University of Latvia, Latvia
2007-2008	Administrative director, "Activision Life", Ltd.
2005-2007	Project manager, "Grindex", JSC.
2003-2005	Engineer-chemist, Forensic department of The State Police of Latvia
2001-2003	Pharmacists assistant, "Aptieka Saule", Ltd.
Research experience	
Ongoing research projects	
1. Researcher, Latvian Council of Sciences, Collaboration project No.625 "Cancer-derived exosomes – a source of novel biomarkers and therapeutic targets for gastrointestinal cancers", 2014-2017	
2. Researcher, Markers and natural substances studied in both acute and chronic disease diagnosis and personalized treatment, 2016	
Research projects 2009-2014	
2014	Researcher, Taiwan-Lithuania-Latvia mutual research collaboration fund grant „Mesenchymal and cancer-like cell interaction with nanoparticles”
2014	Researcher, Mortality study of patients of different age groups and a new structure for research in the treatment of neurodegenerative disorders

2010-2012 Researcher, 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"

2009-2010 Assitant, Latvian Science Council Grant No. 09.1037 „Neuropeptide, growth factor and chemokine effect on cell migration, differentiation and functionality in vitro”.

Research papers 2011-2016

1. Muceniece R, Namniece J, Nakurte I, **Jekabsons K**, Riekstina U, Jansone B. Pharmacological research on natural substances in Latvia: Focus on lunasin, betulin, polyphenol and phlorizin. *Pharmacol Res.* 2016 Apr 21. pii: S1043-6618(16)30007-X. doi: 10.1016/j.phrs.2016.03.040.
2. Jansone, B., Dzirkale Z, **Jekabsons, K**, Pilipenko, V, Beitnere, U, Magure, I., Skumbiņš, R., Kletnieks, U, Vanaga, I., Muceniece, R., Kluša, V. Spruce needle polyphenols protect against atorvastatin-induced muscle weakness and do not influence central nervous system functions in rats (Article) *Proceedings of the Latvian Academy of Sciences, Section B: Natural, Exact, and Applied Sciences* Vol 70, Issue 1, 1 February 2016, Pages 13-20
3. Dzirkale, Juris Rumaks, Simons Svirskis, Olga Mazina, Anni Allikalt, Ago Rinke, **Kaspars Jekabsons**, Ruta Muceniece, Vija Klusa Lunasin-induced behavioural effects in mice : focus on the dopaminergic system, *Behavioural Brain Research* ISSN 0166-4328. Vol.256 (2013), p.5-9 URL: <http://www.sciencedirect.com/science/article/pii/S0166432813004713#>
4. **Jekabsons K**, Riekstina U, Parfejevs V, Laizane A, Pavasare M, Lencberga N, Jansone B, Muceniece R. Culture-expanded human dermal stem cells exhibit donor to donor differences in cAMP generation. *Cell Tissue Res.* 2011, 345(2):253-63. URL: <http://www.springerlink.com/content/e716830351k33j52/fulltext.pdf>.
5. Kristine Vrublevska, **Kaspars Jekabsons**, Zinta Rugaja, Irisa Zile, Reinis Svarcbahs, Janis Kurlovics, Kira Afanasjeva, Renate Ligere, Eduardas Tarasevičius, Ruta Muceniece. Antidepressants use in Latvia : national trends, regional differences and pharmacists observations / Bibliogr.: p.103-104 // *Medicina (Kaunas)*. Vol.47, Suppl.2 (2011), p.97-104
6. Kristine Vrublevska, Zane Brauere, **Kaspars Jekabsons**, Irisa Zile, Eduardas Tarasevičius, Ruta Muceniece. Awareness and attitudes of Latvian community pharmacists and pharmacy assistants toward reporting adverse drug reactions, *Medicina (Kaunas)* Vol.47, Suppl.2 (2011), p.85-90

Scientific conferences (2013-2015)

1. Vija Klusa, Zane Dzirkale, Ilva Nakurte, **Kaspars Jekabsons**, Jana Namniece, Juris Rumaks, Ago Rinke, Anni Allikalt, Ruta Muceniece Lunasin molecule: a source for the design of novel antipsychotics Drug discovery conference 2015, Riga, Latvia,

August 25-27, 2015. Abstract book pp. 49.

2. Raimonds Skumbiņš, Baiba Jansone, Zane Dzirkale, **Kaspars Jēkabsons**, Vladimirs Piļipenko, Ingrīda Māgure, Jana Namniece, Ulrika Beitnere, Elga Poppela, Uģis Klētnieks, Ilona Vanaga, Ruta Muceniece, Vija Kluša Polyprenols and their influence on muscle strength and CNS functions Drug Discovery Conference, August, 27-29, 2015, Riga, Latvia : Abstract Book Riga : Latvian Institute of Organic Synthesis, 2015. P.73 : OP53
3. **Kaspars Jekabsons**, Liga Saulite, Ilva Nakurte, Arturs Abols, Aija Line, Ruta Muceniece, Una Riekstina. Hypoxic colorectal cancer-derived exosome influence on mesenchymal stem cell functionality. Drug Discovery conference, InnovaBalt, 2015, Riga, 28-29.Aug., 2015.
4. **Kaspars Jekabsons**, Ilva Nakurte, Arturs Abols, Liga Saulite, Jana Namniece, Ruta Muceniece, Aija Line, Una Riekstina. Uptake of hypoxic colorectal cancer-derived exosomes by mesenchymal stem cells and monocytes. Frontiers in Stem cells&cancer, Heidelberg, Germany, March 29-31, 2015.
5. Ilva Nakurte, **Kaspars Jēkabsons**, Una Riekstina, Arturs Abols, Liga Saulite, Matiss Otersbergs, Aija Line, Ruta Muceniece. Protein analysis of exosomes. 58th Scientific Conference for students of physics and natural science. Open readings 2015, Vilnius, Lithuania, 2015, March 24-27.
6. Baiba Jansone, Zane Dzirkale, **Kaspars Jekabsons**, Vladimirs Pilipenko, Ulrika Beitnere, Raimonds Skumbins, Zita Freiberga, Elga Poppela, Uģis Kletnieks, Ilona Vanaga, Karlis Kletnieks, Ruta Muceniece, Vija Klusa Polyprenols isolated from Picea abies L. spruce needles influence atorvastatin-mediated muscle strength weakness in Wistar female rats Chinese Journal of Pharmacology and Toxicology : Special Issue of the IUPHAR Conference on the Pharmacology of Natural and Traditional Medicine 2015, July 22-24, 2015, Singapore Singapore, 2015 Vol. 29 (2015), Suppl 1, p. 113 , ISSN 1000-3002.
7. Popena I, Svirkst K, **Jekabsons K**, Saulite L, Grube M, Hsu SH, Riekstina U. Skin-derived mesenchymal stem cells form spheroids on chitosan and increase SSEA-1 expression. EMBO conference Stem Cells in Cancer and Regenerative Medicine. Heidelberg, Germany, October 9.-12, 2014.
8. Z. Dzirkale, **K. Jekabsons**, J. Namniece, I. Nakurte, S. Svirskis, J. Rumaks, R. Muceniece, V. Klusa Biologically active seed peptide lunasin and its influence on the CNS World Congress of Pharmacy&Pharmaceutical Sciences : 73rd International Congress of FIP, Aug 31 – Sept 5, 2013. Dublin, 2013. Poster No.NPR-P-16.

Awards and scholarships

J.Priedkaln`s medical neuroscience scholarship, 2013

Thesis work led

Pedagogical work
Lecture courses in Pharmacy study program, Faculty of Medicine, University of Latvia: <ul style="list-style-type: none">• Informatics. Data bases 6 ECTS• Professional work regulating normative. Professional ethics 3 ECTS Supervisor of 12 bachelor thesis in Pharmacy and Biology study programs, University of Latvia
Participation in scientific bodies
<ol style="list-style-type: none">1. Member of Pharmacology Society, Latvia (2010. -)2. Member of Australian Neuroscience Society (2010-2011)
Institutional positions