

Curriculum vitae (CV)

Personal information	First name, last name	<u>INETA POPĒNA</u>
Education	From 01.10.2013 Faculty of Medicine, University of Latvia, Latvia PhD studies June 2013 <i>Mg. sc. sal.</i> (Pharmacy) Faculty of Medicine, University of Latvia, Latvia June 2011 <i>Bc. sc. sal.</i> (Pharmacy) Faculty of Medicine, University of Latvia, Latvia	
Current employment	Research assistant, Faculty of Medicine, University of Latvia, Latvia PhD student, Faculty of Medicine, University of Latvia, Latvia	
Previous employment	2002-2013 Freelance Translator (English to Latvian). Fields of specialization: Medical (general), Pharmaceuticals (SPCs, PILs and Labelling according to EMA specifications), Clinical Trials, Pharmacology, Chemistry (general), Chemical Safety Data Sheets, Biochemistry, Environment, Public Health and Health Care, Medical Device Operator Manuals, Laboratory Equipment, Biology (general), Microbiology etc. 2000-2002 Latvia Academy of Science/ Technical editor and linguistic specialist 1997-1000 Pharmaceutical wholesale company "Farmserviss"/ Office manager	
Research experience	Ongoing research projects 1. Project No. 1.1.1.1/16/A/047 "Genus <i>Vaccinium</i> berry processing using "green" technologies and innovative, pharmacologically characterized biopharmaceutical products", supported by the European Regional Development Fund. Position: research assistant. 2. Project No. ZD2014/6232 "Cancer-derived exosomes — novel source for identification of gastrointestinal tumour biomarkers and therapeutic targets". Position: research assistant. Past research projects 1. Taiwan-Lithuania-Latvia mutual research collaboration fund grant „Mesenchymal and cancer-like cell interaction with nanoparticles” 2014-2016. Position: research assistant. 2. EEA project administered by Latvia Ministry of Science and Education „Cancer-derived extracellular vesicles: function and clinical applications in prostate cancer”, 2015-2017. Position: lab technician.	

Scientific publications

1. **Popena I.**, Abols A., Saulite L., Pleiko K., Zandberga E., Line A., Riekstina U. *Cancer cell secreted extracellular vesicle effect on macrophage polarization*. Article submitted.
2. L. Saulite, K. Pleiko, **I. Popena**, D. Dapkute, R. Rotomskis, U. Riekstina. *Nanoparticle delivery to metastatic breast cancer cells by nano-engineered mesenchymal stem cells*. Nanomedicine. Article submitted.
3. L. Saulite, D. Dapkute, K. Pleiko, **I. Popena**, S. Steponkiene, R. Rotomskis, U. Riekstina. *Nano-engineered skin mesenchymal stem cells: potential vehicle for tumour targeted quantum dot delivery*. Beilstein Journal of Nanotechnology. Article accepted.
4. **I. Popēna**, K. Jēkabsons, A. Ābols, L. Saulīte, U. Čonka, I. Kozlovskā, E. Zandberga, J. Stefanovičs, V. Ose-Kinklāva, R. Muceniece, A. Linē, U. Riekstiņa. *Uptake and functional effects of cancer cell line-produced exosomes in mesenchymal stem cells*. Acta Universitas Latviensis, 2016
5. **I. Popena**, L. Saulite, V. Parfejevs, U. Beitnere, U. Riekstina. *Prolonged culture of skin-derived mesenchymal stem cells changes their cell cycle and proliferation marker expression*. Biopolym Cell. 2014;30(5 suppl):29

Scientific conferences

1. V. Parfejevs, L. Cappiello, **I. Popēna**, J. Kungs, M. Boroduškis, J. Ancāns, I. Čakstiņa, U. Riekstiņa. *Tehnoloģijas izstrāde laboratorijā kultivētu somatisko cilvēka cilmes šūnu tumorigenitātes riska izvērtēšanai*. The 70th UL Scientific Conference, Section of Medicine, February 2, 2012.
2. M. Vaņina, A. Laizāne, K. Jēkabsons, J. Kurlovičs, **I. Popēna**, B. Jansone, A. Plotniece, K. Pajuste, D. Kaldre, V. Kluša, R. Muceniece. *1,4-dihidropiridīna atvasinājumu ietekme uz vēža šūnu līniju proliferāciju in vitro testos*. The 70th UL Scientific Conference, Section of Medicine, February 2 2012.
3. V. Parfejevs, **I. Popēna**, L. Cappiello, R. Muceniece, U. Riekstiņa. *The Effect of Betulinic Acid on the Cell Cycle of Carcinoma Cell Lines PA-1, A549 and HeLa*. The International Conference of Pharmacology, April 20–21, 2012, Riga
4. J. Namniece, **I. Popēna**, K. Jēkabsons, I. Kozlovskā, D. Butakova, U. Riekstiņa, R. Muceniece. *Peptīda lunasīna ietekme uz interleikīna-10 sekrēciju žurku gliomas C6 šūnu līnijā un interleikīna-10 sekrēciju cilvēka neuroblastomas SH-SY5Y šūnu līnijā*. The 72nd UL Scientific Conference, Section of Medicine, February 14, 2014
5. **I. Popēna**, V. Parfejevs, L. Saulīte, S. Reinika, T. Klinovičs, R. Muceniece, U. Riekstiņa. *Citokīnu sekrēcija neinducētās mezenhimālo cilmes šūnu kultūrās un LPS iekaisuma modelī*. The 72nd UL Scientific Conference, Section of Medicine, February 14, 2014
6. **I. Popēna**, K. Švirksts, K. Jēkabsons, L. Saulīte, M. Grūbe, Shan-hui Hsu, U. Riekstiņa. *Skin-derived mesenchymal stem cells form spheroids on chitosan and increase the SSEA-1 expression*. EMBO conference Stem Cells in Cancer and Regenerative Medicine. Heidelberg, Germany, October 9.-12, 2014.
7. Highlights for relevant mesenchymal stem cell studies by FT-IR spectroscopy / M. Grube, K. Švirksts, **I. Popena**, U. Kalnenieks, S.H. Hsu, U. Riekstina. Baltic Microbiology Congress, Tartu, Estonia, September 2014
8. **I. Popēna**, L. Saulīte, K. Jēkabsons, I. Kozlovskā, A. Ābols, A. Linē, R. Muceniece, U. Riekstiņa. *Audzēja ekstracelulāro vezikulu pētījumi mezenhimālajās cilmes šūnās*. The 74th UL Scientific Conference, Section of Medicine, February, 2016
9. **I. Popēna**, K. Pleiko, U. Čonka, U. Riekstiņa. *Optimization and validation of in vitro monocyte-macrophage differentiation model*. The 74th UL Scientific Conference, Section of Medicine, February, 2016

Awards and scholarships

ESF scholarship “Support for master level studies at the University of Latvia”, Faculty of Medicine,

University of Latvia, 2012-2013
Pedagogical work
Lecture course (practical training part) in Pharmacy study program, Faculty of Medicine, University of Latvia: <ul style="list-style-type: none">- Pharmacy formulations 6 ECTS (credits for the whole course in total) Lecture course, Riga College of Medicine, University of Latvia <ul style="list-style-type: none">- Pharmacology 2 ECTS Supervisor of 10 bachelor thesis in Pharmacy study program, University of Latvia
Participation in scientific bodies
<ol style="list-style-type: none">1. Latvia State Agency of Medicines expert2. Member of the Society of Independent Pharmacists, Latvia