



**82nd International Scientific
Conference of the
University of Latvia 2024**

**International Scientific
Conference on Medicine**

Basic Medical Science & Pharmacy

5 April 2024, 12:00-13:45
2nd floor atrium

Session moderators: Agate Galuza, Vladimirs Piļipenko

12:00 Poster presentations

(each presentation = 4 minutes + 2 minutes for discussion)

1.	Development of in vitro assay for comparing wound dressings in their ability to limit bacterial growth and ensure sterility	Preem Liis, Lorenz Kairi, Randmäe Kelli, Põhako-Palu Kaisa, Laura Männaste, Putrinš Marta , Tenson Tanel, Kogermann Karin
2.	Effect of resveratrol on the function of rat heart mitochondria	Kuršvietienė Lolita , Venslovaitė Dominyka
3.	High endothelial venules in allergic and non-allergic inflammation	Markovs Jurijs, Jurševičs Eduards, Galuza Agate , Lapsiņš Artis
4.	Does mutation in the signal transducer and activator of the transcription 4 gene affect LSCC tumour size?	Pileckaite Erika , Vilkeviciute Alvita, Liutkevicius Vyktas, Liutkeviciene Rasa
5.	Exploring the impact of tooth brushing frequency on saliva microbiota composition	Gladkauskaitė Justė , Stankevičienė Indrė, Pūrienė Alina, Lastauskienė Eglė
6.	A β -related hexapeptides can be used for aggregate dissolution therapy in Alzheimer's disease	Upite Jolanta , Brüning Thomas, Jansone Baiba, Pahnke Jens
7.	Sensitization profiles to house dust mite and storage dust mite allergens in atopic airway diseases: a pilot study	Sakalauskaite Sandra , Gasiuniene Edita, Gradauskiene Brigita
8.	Genomic insights into pituitary adenomas: examining the Ki-67 labeling index and the role of SSTR2, SSTR5, AIP polymorphisms	Gedvilaite Greta , Kriauciuniene Loresa, Tamasauskas Arimantas, Rovite Vita, Mandrika Ilona, Sheng-Nan Wu, Chin-Wei Huang, Poskiene Lina, Makstiene Jurgita, Liutkeviciene Rasa
9.	IL-1 β rs1143623 associations with multiple sclerosis occurrence in Lithuania	Bruzaite Akvile , Gedvilaite Greta, Renata Balnyte, Rasa Liutkeviciene
10.	The expression of Na ⁺ -dependent glucose co-transporters in the epithelial cells of duodenum and terminal ileum in ostriches' chicken	Hussar Piret , Ahlstedt Victoria Isabella, Allmang Cristin, Järveots Tõnu, Dūrītis Ilmārs
11.	Impaired neurological outcomes in mice at multiple timepoints following transient ischemia	Revina Beatrise Luīze , Piļipenko Vladimirs, Jolanta Upīte, Jansone Baiba
12.	Assortment of dietary supplement capsules containing liposomal iron in Lithuania: analysis of excipients and origin countries	Petrauskaitė Eglė , Pudžiuvelytė Lauryna

13.	The effects of commonly used non-opioid analgesics on the formation of advanced glycation end products	Nevojska Anastasija , Muceniece Ruta, Dzirkale Zane
14.	Analysis of antibiotic consumption at the paediatric tertiary-care hospital	Sviestiņa Inese , Urtāne Inga
15.	Evaluation of the efficacy of magnesium as a component of preservative fluid in preserving graft function in an isolated porcine kidney model	Ostrózka-Cieślik Aneta , Dolińska Barbara, Ryszka Florian
16.	Observational study of the prevalence of medication omissions at the time of hospital admission	Venclovaitė Brigita , Minkutė Rima, Briedis Vitalis
17.	Intranasal metformin promotes AMPK and Akt signalling in rats with sporadic Alzheimer's disease	Al-Dawoudi Abdulrahman , Piļipenko Vladimirs