



2023

December

14



# DEVELOPMENT OF THE RESEARCH COMPETENCES FOR STUDENTS AND ACADEMIC STAFF: PRACTICAL EXPERIENCE AND INNOVATIVE RESULTS

LSMU Faculty of Pharmacy, Sukileliu str. 13, 204 A  
Kaunas

## PROGRAMME

11:00 - 13:00

### Development of the Research and Presentation Competences for Students

for students (3 min presentation of main findings using single poster slide + 3 min feedback from the faculty per participant).  
Best abstract/presentation award.

13:00 - 14:00

### Break

14:00 - 15:30

### Development of the Research Competences for the Academic Staff

14:00 - 14:30

Tumor biology - are we asking the right questions?

- *prof. Toivo Maimets*, University of Tartu, Estonia.

14:30 - 14:50

Gene editing and animal models in tumor research

- *prof. Jason Matthews*, Oslo University, Norway.

14:50 - 15:10

Computer aided drug design - *dr. Kristaps Jaudzems*,  
Latvian Institute of Organic Synthesis, Latvia.

15:10 - 15:30

Single cell analysis in translational research - *dr. Aldona Jasukaitiene*,  
Lithuanian University of Health Sciences, Lithuania.

15:30 - 17:30

### Main Results of the Project: AHR Related Regulatory Mechanisms in Cancer

15:30 - 15:50

Targeting AHR increases pancreatic cancer cell susceptibility to chemotherapy - *Darius Stukas*, Lithuanian University of Health Sciences.

15:50 - 16:10

AHR expression and immune dysregulation in pancreatic ductal adenocarcinoma - *Arenida Bartkeviciene*,

Lithuanian University of Health Sciences.

16:10 - 16:30

AHR molecular pathways and regulation in pancreatic cancer

- *dr. Indrek Teino*, University of Tartu.

16:30 - 16:50

Designing the AHR targeting drug prototypes

- *dr. Kristaps Jaudzems*, Latvian Institute of Organic Synthesis, Latvia.

16:50 - 17:10

AHR and PARP7 interaction in pancreatic cancer

- *prof. Jason Matthews*, Oslo University, Norway.

17:10 - 17:30

Closing remarks - Project leader *prof. Zilvinas Dambrauskas*  
and the Head of the Laboratory of Surgical Gastroenterology  
*prof. Antanas Gulbinas*, Lithuanian University of Health Sciences.

### The main organizer:

*Laboratory of Surgical Gastroenterology, Institute of Digestive System Research, Faculty of Medicine, Lithuanian University of Health Sciences.*

### Organizers:

*Centre for Innovative Education - Lithuanian University of Health Sciences.*

*Students' Scientific Society - Lithuanian University of Health Sciences.*

*Kaunas Regional Surgical Society.*

### Project and funding:

*Inhibition of AHR signalling in pancreatic cancer to increase susceptibility to PD-1/PD-L1 inhibitors and chemotherapy via ELAVL1 pathway hLT08-1-ŠMSM-K01-002 (contract No S-BMT-21-9 (LT08-2-LMT-K-01-041)), funded from the funds of financial mechanism of the European Economic Area (EEA) States (Iceland and Liechtenstein) and Norway 2014-2021 (<https://eeagrants.org/>)*