



PHARMACEUTICAL DRUG DISCOVERY: LESSONS FROM OPHTHALMOLOGY

26th of May, 2023
 Vilnius

Conference place:

Martynas Mažvydas national library of Lithuania
 Gediminas av. 51, Vilnius, 3 floor, 305 audience

PROGRAMME OF SCIENCE DAY

10:30 - 11:00	Registration to the conference
11:00 - 11:05	Science Day opening Adj. Prof. Giedrius Kalesnykas, Experimentica Ltd
11:05 - 11:50	Making Models Matter: Building the Bridge for Translational Research Prof. Leonard Levin, McGill University, Canada
	Session I Moderators: Juliette Arnold, Kernius Mickevicius, Ville Jokinen
11:50 - 12:20	The role of vision for quality of life and society Prof. Hannu Uusitalo, Tampere University, Finland
12:20 - 13:00	Ion channels in RPE physiology and therapy development Adj. Prof. Soile Nymark, Tampere University, Finland
13:00 - 13:30	Coffee break and poster session
	Session II Moderators: Justina Urbanaviciute, Austin Brown, Birgitta Lappeteläinen
13:30 - 14:10	Mutation-agnostic treatment options for inherited retinal degenerations by drug repurposing Adj. Prof. Henri Leinonen, University of Eastern Finland, Finland
14:10 - 14:40	Drug discovery from bench to clinic PhD Jeffrey Jamison, Experimentica Ltd, United States
14:40 - 15:10	Coffee break and poster session
	Session III Moderators: Anni Tenhunen, Inesa Lelyte, Nate Pappenhagen
15:10 - 15:20	Refining animal welfare in streptozotocin induced diabetic retinopathy rat model Student Anni Tenhunen
15:20 - 15:30	AAV-mediated expression of human VEGF-A as a novel rat model of diabetic retinopathy Student Inesa Lelyte
15:30 - 15:40	Variations on the Blue Light Damage model of Dry AMD Student Nate Pappenhagen

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15:40 - 15:50	Unraveling the Relationship between Functional and Morphological Read-outs in Preclinical Glaucoma Models Student Kernius Mickevicius
15:50 - 16:00	Involvement of thioredoxin system in laser induced CNV mouse model Student Robertas Cesna
16:00 - 16:05	Science Day closing Adj. Prof. Giedrius Kalesnykas, Experimentica Ltd

Registration to the conference by email justina@experimentica.com till the 15th of May.

The number of places is limited.