**1st Pécs-Osijek Ph.D. Symposium**

**10th May, 2019**

**University of Pécs, Medical School, Dean’s Council Room**

**(7624 Pécs, Sziget út 12.)**

**11.00. Introduction, greetings**

**Prof. Dóra Reglődi,** *Vice Dean for Science, University of Pécs, Medical School*

**Prof. Jure Mirat,** *Dean, University of Osijek, Faculty of Medicine Osijek*

**Assoc. Prof. Martina Smolic,** *Vice* *Dean for Postgraduate Study Programs,* *University of Osijek, Faculty of Medicine Osijek*

**11.15. Prof. Tímea Berki, Prof. Péter Németh**

*Department of Immunology and Biotechnology, University of Pécs, Medical School*

History of a 10-year collaboration between Pecs and Osijek

**Session 1.**

**11.30. Tamás** **Gaszner, Mentor: Assoc. Prof. Balázs Gaszner**

*Department of Anatomy, University of Pécs, Medical School*

Epigenetic changes of limbic brain territories in three hit theory of depression

**11.40. Milorad Zjalic Mentor: Prof. Marija Heffer**

*Department of Medical Biology and Genetics,**University of Osijek, Faculty of Medicine*

Effects of changes in glycolipid cell membrane composition on the composition of lipid rafts in SHS-5Y human neuroblastoma cell line

**11.50. Soma Godó, Mentor: Prof. István Ábrahám**

*Institute of* *Physiology, University of Pécs, Medical School*

Rapid effect of estradiol on the surface movement of glutamate receptors in live neurons

**12.00. Marijana Jukic, Mentor: Prof. Ljubica Glavaš – Obrovac**

*Department of Medical Chemistry, Biochemistry and Clinical Chemistry*

*University of Osijek, Faculty of Medicine*

In vitro anticancer evaluation of sulfonyl modified adenine nucleobase derivates

**12.10. István Zoárd Bátai, Mentor: Prof. Erika Pintér**

*Department of Pharmacology and Pharmacotherapy, University of Pécs, Medical School*

Dimethyl trisulfide ameliorates neuropathic pain via TRPA1 and SST4 receptors in mice

**12.20. Lunch break, Poster session**

**Session 2**

**13.30. Prof. Ines Drenjancevic**

*Department of Physiology and Immunology, University of Osijek, Faculty of Medicine*

Collaboration of Faculty of Medicine Osijek, University of Osijek and Faculty of Medicine Pecs, University of Pecs from 2005 till now

**13.45. Antun Sumanovac Mentor: Prof. Robert Selthofer**

*Department of Anatomy and Neuroscience, University of Osijek, Faculty of Medicine*

Dynamic model of cyclic fetal membrane loading in simulated intrauterine conditions

**13.55. Katalin Böröcz, Mentor: Prof. Tímea Berki**

*Department of Immunology and Biotechnology, University of Pécs, Medical School*

Vaccination state in Hungarian population

**14.05. Kata Csekő, Mentor: Prof. Zsuzsanna Helyes**

*Department of Pharmacology and Pharmacotherapy, University of Pécs, Medical School*

Role of neuro-immune interactions in a cigarette smoke-induced chronic airway inflammation mouse model

**14.15. Vera Pluzaric Mentor: Assist. Prof. Stana Tokic**

*University of Osijek, Faculty of Medicine*

Phenotyping and functional role of MAIT and peripheral blood lymphocytes in the development and progression of psoriasis vulgaris

**14.25. Balázs Dániel Fülöp, Mentor: Assoc. Prof. Andrea Tamas**

*Department of Anatromy, University of Pécs, Medical School*

Morphological and functional examination of the auditory system in PACAP-deficient mice

**14.35. Visnja Ikic Mentor: Prof. Slavica Kvolik**

*Department of Anesthesiology, reanimatology and intensive care, University of Osijek,*

*Faculty of Medicine*

Use of extended hemodynamic monitoring in abdominal cancer surgery and impact on patient outcome

**14.45. Discussion**