

NEURASMUS



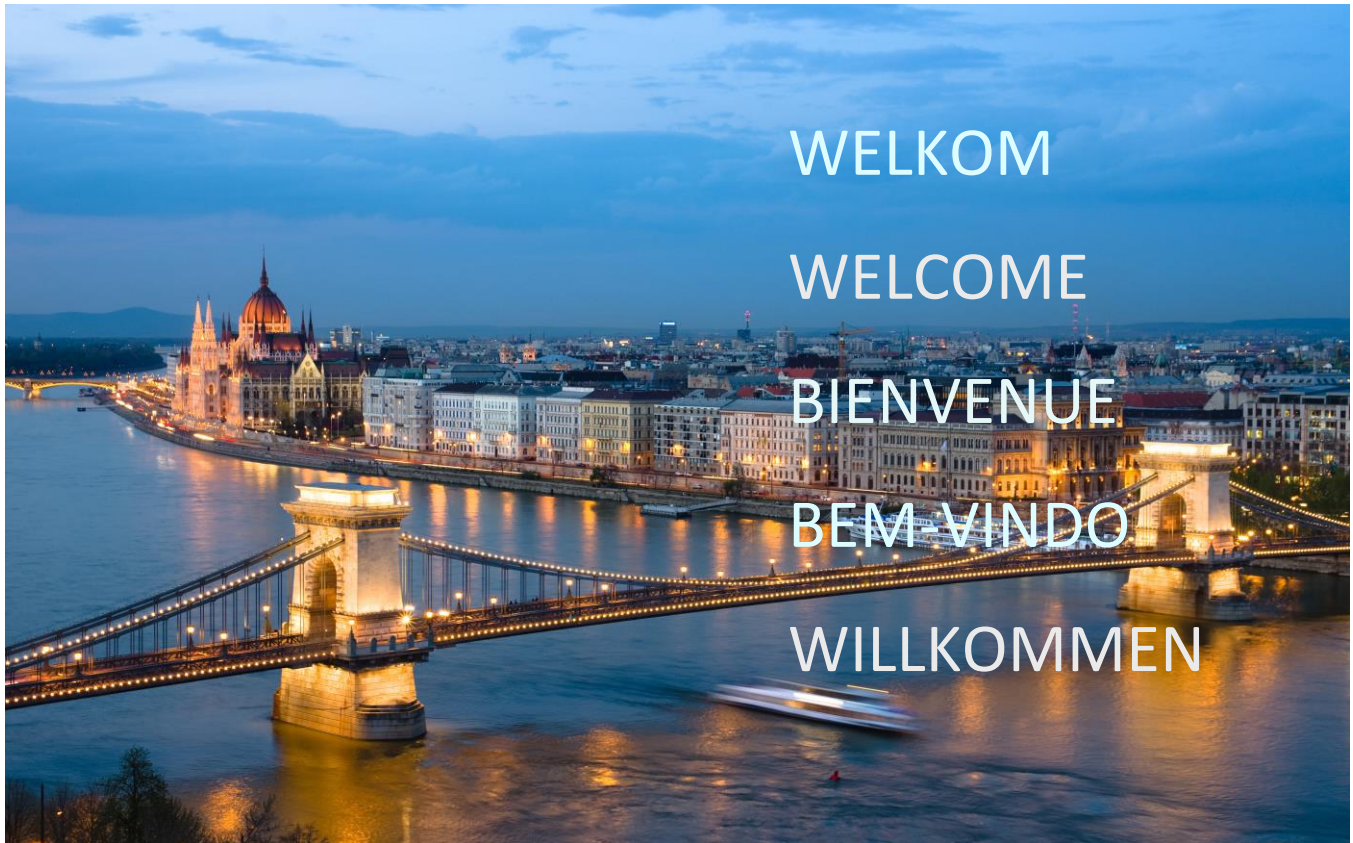
Neurasmus,  
a European Master in Neuroscience

ADVANCED COURSES AND RESEARCH TRAINING



## Neurasmus 5<sup>th</sup> Annual Workshop

July 11<sup>st</sup> – 14<sup>th</sup>, 2016, Budapest



*Venue*



**Address: Boscolo Hotel**  
**Erzsébet krt. 9/11 - 1073 Budapest**  
**Vivaldi Room**  
**Map: Appendix A**





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## DAY 1, July 11<sup>st</sup>



### Master Thesis Presentations and Evaluation

09:00 Registration

09:30 Welcome Introduction

#### 10:00 -11:20 [Master thesis presentation \(part 1\)](#)

*Anna Amelanchik: Dyrk1A-mediated phosphorylation of NMDA receptor GluN2A subunit: the impact on neuronal pathophysiology*

*Julia de Meij: Role of the microglial CB1 receptor in sickness behavior*

*Pilar Elhamoury: A Role for Adult Hippocampal Neurogenesis in Spatial Memory Reconsolidation in Rats*

*Carolina Fernandes Henriques: Role of ER $\alpha$  and ER $\beta$  in the Medial Amygdala in the Regulation of Maternal, Anxiety and Social Behaviors in Female Mice*

11:20 -11:45 Coffee break

#### 11:45 -12:45 [Master thesis presentation \(part 2\)](#)

*Yubin Hu: Investigation of the Association between Tissue-specific Expression Quantitative Trait Loci and the Risk for Schizophrenia*

*Milan Jovanovic: Molecular profiling of metabolic and hormonal regulation of T cell subsets in clinically isolated syndrome*

*Madhura Ketkar: Combined fMRI and eye-tracking based decoding of bistable plaid motion perception*

12:45 LUNCH

#### 14:00-15:00 [Master thesis presentation \(part 3\)](#)

*Wei Liang: Dual-modality Image-based Classifiers for Early Detection of Alzheimer's Disease*

*Marta Filipa de Oliveira Ferreira das Neves Nabais : The effect of glia-secreted proteins on the survival and morphology of purified cortical inhibitory interneurons in vitro*

*Natalia Ochocka : Stress-Induced Cellular Senescence in the Brain and its Influence on Cognitive Functions*

15:00-15:20 Coffee break



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15:20-16:20 [Master thesis presentation \(part 4\)](#)

Ömer Faruk Öztürk: **Targeting BK<sub>Ca</sub> channels for the correction of neocortical connectivity defects in Fragile X Syndrome**

M. Sadman Sakib: **Role Of Non-Canonical Histone Variant H2A.Z In Cognitive Function**

Sahana Srinivasan: **Exploring mitochondrial dynamics and oxidative stress in Huntington's-derived stem cell models**

16:30-17:10 [Master thesis presentation \(part 5\)](#)

Allyson Treviño García: **Clarifying the Mechanism of Action of Trehalose on Alleviating Machado-Joseph Disease**

Kanishka Waghmare: **Electrophysiological study of functional properties of neurons in primary visual cortex in PSD-95 KO/KD mice.**

## Neurasmus social



19:00 *Dinner: Vár: Speiz restaurant*  
(<http://www.speiz.hu>)  
Address: 1014 Budapest, Hess András tér 6.



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## DAY 2, July 12<sup>nd</sup>

(Program for alumni starts at 13:30)



### Neurasmus Program Evaluation

09:15 – 11:15 Parallel Sessions

#### Session 1: Board of Education Meeting (Verdi Room)

General Discussion: Program evaluation

#### Session 2: Student Board Meeting (Vivaldi Room)

Discussion: 2nd year curriculum (9:15 – 10:15)

Guided discussion: 5 suggestions to improve the curriculum (10:15 – 11.15)

11:15 Coffee Break

11:30 – 12:30 Debriefing Session (Vivaldi Room)

#### Neurasmus Evaluation / Quality Assessment Workshop

With Students, BoE member

12:30 LUNCH

13:30-14:00 Neuroethics talk

With: John Noel M. Viaña, PhD student in Society and Culture (Neuroethics),  
University of Tasmania, Australia

14:00- 18:00 Parallel Sessions

#### Session 1: Board of Education Meeting (Verdi Room)

#### Session 2: Neurasa Career Workshop: professional career coaching session (Vivaldi Room)

15:30 – 16:00 Coffee Break



19:00 Dinner: Restaurant Spiler Shanghai

([http://spilerbp.hu/shanghai/en/secret-bar\\_](http://spilerbp.hu/shanghai/en/secret-bar_))

Address: 1075 Budapest, Király utca 13. / Gozdsu udvar

We thank  
you  
for your  
participation !



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DAY 3, July 13<sup>th</sup>



### Neurasmus Scientific Workshops

#### Scientific Workshop I: "How to be a PI one day?"

9:00 -9:45 István Katona, Institute of Experimental Medicine, Hungarian Academy of Sciences, Budapest, Hungary

*A cannabis research lab based on grassroots movement*

9:45 -10:30 Norbert Hájos, Institute of Experimental Medicine, Hungarian Academy of Sciences, Budapest, Hungary

*Leading a lab: armored with Janus-faced optimism*

10:30: 11:00 Coffee Break

#### 11:00 -12:00 Scientific Talk

László Acsády, Institute of Experimental Medicine, Hungarian Academy of Sciences, Budapest, Hungary  
*What's the buzz about thalamus? What keeps us going?*

12:00 LUNCH

#### Scientific Workshop II: "Why do we need basic research?"

13:15-14:45 **Part 1:**

Introduction: Katalin Toth

Ed Ruthazer, McGill University, Montreal, Canada

*What the frog's eye tells the human's brain*

14:45 Coffee Break

15:00-16:30 **Part 2:**

Jaideep Bains, University of Calgary, Calgary, Canada

*Choice is an illusion - the subconscious control of behavioural patterns*

Anita Kamondi, National Institute of Neurosciences, Budapest, Hungary

*Flipping the coin...*

16:30-17:30 Discussion



19:00 *Dinner: Monk's Bistrot*

*(<http://english.monks.hu>)*

*Address: 1052 Budapest Piarista köz 1.*



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## DAY 4, July 14<sup>th</sup>



### Neurasmus Social and Closing ceremony

**9:00 -13:00 Sightseeing tour with bus** with several stops

Stops include: Parliament, the Castle, Heroes Square, etc.

Start of the tour: Boscolo Hotel

(Please, be at the hotel in time, the bus will leave at 9:00)

End of the tour: Deák Ferenc tér



### 13:00 – 14:00 LUNCH on own

Please see Appendix B for suggestions close to Deák Ferenc tér

### 14:00 -16:30 Visit to Memento Park

This park celebrates the fall of communism. Sculptures depicting glorious images of communist symbols and leaders were integral part of Budapest's architecture for almost 50 years. They have been removed after 1989 and transported to this park. The park stands to remind us how leaders and ideologies can and sometimes do go horribly wrong.



Bus pick up and drop off : Deák Ferenc tér (Next to the Hop off –Hop on bus station)

### 19:00 – 22:00 Dinner cruise on the Danube

Pick up and drop off: Pest side, close to Margit híd (Margit Bridge)

Please, see Appendix C for map.

Closest stop with public transport: Tram No. 2 or No. 4-6, Jászai

Mari tér



*20:30 Graduation ceremony*