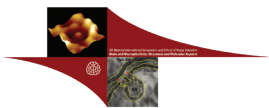


School of Young Scientists

BRAIN & NEUROPLASTICITY: STRUCTURAL & MOLECULAR ASPECTS

May 27-30, 2023
Tbilisi, Georgia

PROGRAM



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SATURDAY, MAY 27, 2023

Ilia State University, T301 Auditorium
3/5 Kakutsa Cholokashvili Avenue 0162

09.00 - 18.00 THEORETICAL PART: LECTURES AND DISCUSSIONS

MOLECULAR MECHANISMS OF POROSOME-MEDIATED SECRETION

Professor Bhanu Jena - Wayne State University, MI; Viron Molecular Medicine Institute, Boston, MA, USA

INSTRUMENTATION TO DETECT CELLULAR NANOMOTION

MD, Sandor Kasas - EPFL, Lausanne, Switzerland

AGRP NEURONS SHAPE THE PERIADOLESCENT BRAIN AND RELATED BEHAVIORS

Professor, Dr. Bence Racz - University of Veterinary Medicine, Hungary

BASIC CONCEPTS IN PHARMACOLOGICAL EXPERIMENTS

Professor Yousef Tizabi - Howard University, USA

ASSESSMENT AND INTERVENTION OF CUE REACTIVITY IN METHAMPHETAMINE ADDICTION WITH VIRTUAL REALITY TECHNOLOGY

Yonghui Li, Institute of Psychology, Chinese Academy of Sciences

DIGITAL 4D MICROSCOPY ROUTE TO ELITARY CARRIER

Professor Pavel Tchelidze - New Vision University, Tbilisi, Georgia; University of Reims, Reims, France

11.30 – 12.00 COFFEE BREAK

13.30 – 14.30 LUNCH

16.30 – 17.00 COFFEE BREAK

MAY 28-30, 2023

Ivane Beritashvili Center of Experimental Biomedicine
14 Gotua Street

PRACTICAL COURSES *The participants will be divided into Groups 1 and II: 10 young scientists in each.*

May 28 BRAIN AND BEHAVIOR

11.00 – 18.00 Dr. Gela Beselia, Dr. Giorgi Lobzhanidze, Nino Pochkhidze – Master of Science
LECTURE (GROUPS I AND II)

Gela Beselia, Ivane Beritashvili Center of Experimental Biomedicine

PRACTICAL PART:

Giorgi Lobzhanidze – Group I

Nino Pochkhidze – Group II

11.30 – 11.50 COFFEE BREAK

13.30 – 14.15 LUNCH

15.50 – 16.10 COFFEE BREAK

May 29 INTRODUCTION TO ELECTRON MICROSCOPY AND ATOMIC FORCE MICROSCOPY

11.00 – 18.00 Prof. Pavel Tchelidze, David Khutsishvili – Master of Science
LECTURE (GROUPS I AND II)

TRANSMISSION ELECTRON MICROSCOPY

Pavel Tchelidze, Carl Zeiss Education and Scientific Center, New Vision University

ATOMIC FORCE MICROSCOPY - David Khutsishvili, Tbilisi Technical University

PRACTICAL PART:

Pavel Tchelidze – Group I

David Khutsishvili – Group II

11.30 – 11.50 COFFEE BREAK

13.30 – 14.15 LUNCH

15.50 – 16.10 COFFEE BREAK

May 30 NEURON: NORM AND PATHOLOGY. STRUCTURAL ASPECTS

11.00 – 18.00 Prof. Mzia Zhvania, Dr. Nino Chkhikvishvili, Nino Pochkhidze – Master of Science
LECTURE (GROUPS I AND II)

NEURON IN NORM AND PATHOLOGY

Mzia Zhvania - Ilia State University, Ivane Beritashvili Center of Experimental Biomedicine,
Tbilisi, Georgia

PRACTICAL PART:

Nino Chkhikvishvili, Nino Pochkhidze – Group I

Mzia Zhvania, Nino Pochkhidze – Group II

11.30 – 11.50 COFFEE BREAK

13.30 – 14.15 LUNCH

15.50 – 16.10 COFFEE BREAK



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