

28 October

10.⁰⁰ – 11.⁰⁰ Registration

11.⁰⁰ – 11.³⁰ Visiting sessions

Chairperson: Vardapetyan Hrachik – Russian-Armenian (Slavonic) University

ORAL PRESENTATIONS

11.³⁰-11.⁴⁵

1. MORPHOLOGICAL, ENDOCRINE AND METABOLIC SHIFTS IN PANCREAS AT EXPERIMENTAL CRUSH SYNDROME

Sahakyan K.T., Mkrtychyan G.L.

Yerevan State Medical University after M.Heratsi

11.⁴⁵-12.⁰⁰

2. THE COMBINED BINDING OF REVERSIBLE BINDING LIGANDS TO DNA

Arakelyan V., Hovhannisyanyan G., Vardevanyan P.

Yerevan State University

12.⁰⁰-12.¹⁵

3. PLANT GROWTH REGULATORY ACTIVITY OF NOVEL THIOPYRIDAZINE DERIVATIVES

Karapetyan A.^a, Gomktsyan T.^b, Yengoyan A.^{a,b}

^a*Russian-Armenian (Slavonic) University,*

^b*State Agrarian University of Armenia*

12.¹⁵-12.³⁰

4. SYNTHESIS OF POTENTIALLY BIOACTIVE 5-(5-MERCAPTO-4H-[1,2,4]TRIAZOL-3-YL)-3-ALKYL-4-METHYL-3H-THIAZOLE-2-THIONE DERIVATIVES

Knyazyan A.M.^a, Eliazyan K.A.^b, Pivazyanyan V.A.^b, Yengoyan A.P.^{a,b,*}

^a*Russian-Armenian (Slavonic) University*

^b*State Agrarian University of Armenia*

12.³⁰-13.³⁰ – Poster presentation

13.³⁰-13.⁴⁵

5. TAUTOMER FORMS OF HYPERICIN AND ITS BIOLOGICAL ACTIVITY

Vardapetyan H.R.¹, Hunanyan L.S.¹, Heymann S.²

¹*Russian-Armenian (Slavonic) University, Biomedical faculty,* ²*Institut für Informatik Humboldt-Universität, Germany*

13.⁴⁵-14.⁰⁰

6. INTERACTION OF PODOPHYLLOTOXIN AND ETOPOSIDE WITH DNA

Vardapetyan H., Ryazanova A.

¹*Russian-Armenian (Slavonic) University, H. Emin str.123, Yerevan, 0051, Armenia*

29 October

Chairperson:– Danagulyan Gevorg Russian-Armenian (Slavonic) University

10.⁰⁰-10.¹⁵

1. CHITOSAN-MYRISTATE NANO GEL AS AN ARTIFICIAL CHAPERON PROTECTS NEUROSERPIN FROM MISFOLDING

Mohsenifar A.¹, Sheijani S.S.², Lotfi A.S.³, Ranjbar B.⁴, Allameh A.³, Ghasemi A.³, Hasannia S.^{5,6}, Etemadikia B.³

¹ *Dept. of Toxicology, Tarbiat Modares University, Tehran, Iran;* ² *Dept of Biochemistry, Payam Noor University, Tehran, Iran;* ³ *Dept. of Biochemistry, Tarbiat Modares University, Tehran, Iran;* ⁴ *Dept. of Biophysics, Tarbiat Modares University, Tehran, Iran,* ^{5,6} *Dept. of Biology, Guilan University, Rasht, & NIGEB, Tehran, Iran.*

10.¹⁵-10.³⁰

2. BACTERICIDAL EFFECTS OF MILLIMETER WAVES: OVERVIEW WITH PHENOMENON, MECHANISMS AND TARGETS AND BIOMEDICAL SIGNIFICANCE

Trchounian Armen

Department of Biophysics, Biological Faculty of the Yerevan State University, 1 A. Manoogian Str., 0025 Yerevan, Armenia

10.³⁰-10.⁴⁵

3. RADIOPROTECTIVE EFFECTS OF CU(II) CHELATE

Bajinyan S., Malakyan M., Yeghiazaryan D.,

Aghjoyan H., Vardevanyan L.

Scientific Centre of Radiation Medicine and Burns, Yerevan, Armenia

10.⁴⁵-11.⁰⁰

4. INVESTIGATION OF THE INTERACTION OF HYPERICIN WITH ALBUMIN

Vardapetyan H., Martirosyan A., Tiratsuyan S*,

Hovhannisyanyan A.

*Russian-Armenian (Slavonic) University, Biomedical faculty, *Yerevan State University*

11.00-12.30 – Poster presentation

12.³⁰-12.⁴⁵

5. GENETIC IDENTIFICATION, MORPHOLOGICAL, ECOLOGICAL AND PHYSIOLOGICAL CHARACTERISTICS OF MEDICINAL MUSHROOM *GANODERMA LUCIDUM* (CURT.: FR.) KARST. COLLECTIONS

Badalyan S.M.¹, Gharibyan N.G.¹, Iotti M.², Zambonelli A.²

¹*Laboratory of Fungal Biology and Biotechnology, Faculty of Biology, Yerevan State University, 1 A. Manoogian St., 0025, Yerevan, Armenia*

²*Dipartimento di Protezione e Valorizzazione Agroalimentare, University of Bologna, via Fanin 46, 40127 Bologna, Italy*

12.⁴⁵-13.⁰⁰

6. MEDICINAL MUSHROOMS AS A POTENTIAL SOURCE TO DEVELOP HEALTH ENHANCING BIOTECH-PRODUCTS

Badalyan S.M., Gharibyan N.G.

Laboratory of Fungal Biology and Biotechnology, Faculty of Biology, Yerevan State University, 1 A. Manoogian St., 0025, Yerevan, Armenia

30 October

Chairperson: Boyajyan Anna – Institute of
Molecular Biology NAS RA

10.⁰⁰-10.¹⁵

**1. COMPLEMENT SYSTEM ABNORMALITIES
IN DISEASED CONDITIONS
CHARACTERIZED BY ALTERED IMMUNE
RESPONSE**

Boyajyan A., Sim R.*, Hakobyan S., Arakelyan A.,
Khoyetsyan A., Mkrtychyan G., Hovsepyan M.,
Ayvazyan V., Hovhannisyan L., Hovsepyan T.
Institute of Molecular Biology NAS RA, Armenia
*Oxford University, UK

10.¹⁵-10.³⁰

**2. COMPLEMENT MBL-MASP COMPLEXES
IN SCHIZOPHRENIA: A NEW VIEW ON OLD
DATA**

Mayilyan K.R.^{a,b}

^a *Institute of Molecular Biology, Armenian NAS, 7
Hasratyan St., Yerevan 375014, Armenia;*

^b *MRC Immunochemistry Unit, Department of
Biochemistry, Oxford University, South Parks Rd,
Oxford OX1 3QU, UK*

10.³⁰-10.⁴⁵

**3. PICORNAVIRUSES IN THE CULTURE OF
*Paramecium caudatum***

Karalyan Z.A., Ramazyan N.V., Voskanyan H.E.
*Laboratory of Cellular Biology, Institute of
Molecular Biology NAS RA, Yerevan, Armenia*

11.⁰⁰-11.¹⁵

**4. LEVANTINE VIPER'S (*Macrovipera lebetina
obtusata*) VENOM FRACTION PURIFICATION
FOR ANTITOXIC PREPARATIONS
DEVELOPMENT**

Babayan B.G.¹, Voskanyan A.V.²

¹*Russian-Armenian (Slavonic) University*

²*Orbeli Institute of Physiology of NAS RA*



DAAD

Russian-Armenian (Slavonic) University
State Committee of Science of Armenia
Deutscher Akademischer Austauschdienst

**International Conference
“Biotechnology and health”-4
& DAAD Alumni seminar**



Yerevan Armenia October 28-30, 2010



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Closing of Seminar