



**First Pavlov State Medical University of St. Petersburg
Biochemistry Department of Scientific Centre**

**6th International Scientific conference on Clinical Biochemistry
April 21-24, 2014, Saint-Petersburg, Russia**



SCIENTIFIC PROGRAM

Conference language: Russian, English

April 21-22 Pre-Conference

April 21-23 Registration

First Pavlov State Medical University of St. Petersburg. 6-8 Lev Tolstoy street, St. Petersburg, Russia, 197022.; **Building 3, second floor**

April 23 Conference on Clinical Biochemistry (Building 2, third floor, Hall of the Scientific Council). There is posters reception since 10 am.

11:00 am Alexandr Zhloba (zhloba@mail.spbnit.ru). Welcome and Opening Remarks

Modern resolution on clinical biochemistry in First Pavlov State Medical University

Zhloba A. Homocysteinylolation score of high-molecular weight plasma proteins

Subbotina T. Fibrinolysis-induced shifts in plasma amino acid profile: possible contribution to vascular metabolism

Alexandrova L. Thiol metabolites shift in endothelial dysfunction

12:00 am – 01:00 pm Poster session

(Posters are available for viewing from 12:00 am to 03:00 pm)

Vinokhodov A., Sharfi Yu.

Content of growth factors TGF- β 1, GM-CSF, VEGF-A with different outcomes of embryo transfer in IVF cycles in patients with chronic endometritis

(St. Petersburg State University; scientific adviser is prof. Gzgzyan A.)

Logacheva T.

The role of PGC1 α in coordinating of mitochondrial-nuclear interaction

(First I.P.Pavlov Medical University; scientific adviser is Alekseevskaya E.)

Lotsman E.

Metabolic function and diagnostic value of trimethyl-lysine

(First I.P.Pavlov Medical University; scientific adviser is prof. Zhloba A.)

Samsonova A.

Metabolic function and diagnostic value of short- and long-chain acyl-carnitine

(First I.P.Pavlov Medical University; scientific adviser is prof. Zhloba A.)

Semenova M., Sabirova L.

The results of immunohistochemical verification of epithelial tumors of the lung

(Kazan State Medical University; scientific adviser is prof. Petrov S.)

Shipaeva K.

Metabolic disturbances of branched chain amino acids

(First I.P.Pavlov Medical University; scientific adviser is prof. Subbotina T.)

Suraj J.

Comparison of two types of LC-MS/MS techniques and their modifications for the improved separation and identification of selected endothelial biomarkers

(Jagiellonian Centre for Experimental Therapeutics, Department of Pharmacokinetics and Physical Pharmacy of Jagiellonian University Collegium Medicum, Department of Biochemistry of Medical University of Gdańsk; scientific adviser is Ph.D. Maria Walczak)

01:00–02:30 pm Young scientists' oral presentations

(7 min for presentation+5 min for answers to questions)

01:00-01:12 pm **Alekseevskaya E.**

The metabolomic and proteomic factors of mitochondrial dysfunction

(First I.P.Pavlov Medical University, V.A. Almazov Federal Medical Research Centre; scientific adviser is prof. Zhloba A.)

01:12-01:24 pm **Novak M.**

The diagnostic value of quantitative evaluation of the nitrogen higher oxides and nitrosothiols depending on the type of biomaterial

(First I.P.Pavlov Medical University; scientific adviser is prof. Subbotina T.)

01:24-01:36 pm **Popova M.**

Determination of voriconazole concentrations in plasma by HPLC analysis with photometric detection

(First I.P.Pavlov Medical University, scientific advisers are prof. Zhloba A., prof Afanas'ev B.)

01:36-01:48 pm **Musiichuk M.**

Products NO-synthase activity and endothelial dysfunction in patients with systemic connective tissue diseases

(First I.P.Pavlov Medical University; scientific adviser is PhD Filippova N.)

01:48-02:00 pm **Shurygina N., Beletskaya I.**

The matrix metalloproteinase-9 in the diagnosis of glaucoma

(First I.P.Pavlov Medical University; scientific adviser is PhD Galkina O.)

02:00-02:12 pm **Orlova T.**

The extractive alkylation of blood plasma's free fatty acids to determine by gas chromatography with mass selective detection

(Research Institute of Hygiene, Toxicology, and Occupational Pathology, St. Petersburg; scientific adviser is PhD Ukolov A.)

02:12-02:24 pm **Sorokoumov P.**

Establishing the correlation between meldonium's and fatty and tricarboxylic acids's concentrations in human plasma

(Research Institute of Hygiene, Toxicology, and Occupational Pathology, St. Petersburg; scientific adviser is prof. Savel'eva E.)

02:30-03:00 pm Coffee Break. Jury Meeting

03:00-03:30 Concluding Remarks. Summing up the Conference

April 24 Post-Conference Courses. There is award ceremony a winner of Young Scientists presentations competition (**Building 30, second floor, lecture hall №7**)

Venue: First Pavlov State Medical University of St. Petersburg.

6/8 Lev Tolstoy street, St. Petersburg, Russia, 197022.

Building 3, second floor – REGISTRATION, Biochemistry Department

Building 2, third floor – Hall of the Scientific Council

Building 33 – Cafe

Building 30, second floor, lecture hall №7– Award ceremony a winner of Young Scientists presentations competition

Metro: Petrogradskaya