



Satellite symposium «Innovative developments of young scientists in the field of drug design»

Thursday, Sept. 28, 2017

The symposium will take place at the “Small Conference Hall” (“Malyi Zal”)” of the UNICS Cultural and Sports Center (Professor Nuzhin str., 2).

Chairs: **I.R. Gafurov** (Rector of Kazan Federal University), **V.I. Galkin** (Director of A.M. Butlerov Institute of Chemistry, Kazan Federal University).

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10:00 Opening ceremony.

10:30 **Jim-Min Fang** (Taiwan). Phosphonate congeners of Oseltamivir, Zanamivir and Peramivir as effective anti-Influenza drugs. Keynote Lecture.

11:00 **P. N. Solyev** (Moscow) Development of new, less toxic drugs active against both HIV and other coinfections.

11:15 **A.S. Yablokov** (Volgograd) Synthesis of new derivatives of 6-(2,6-dihalobenzyl)pyrimidine-4(3H)-one and evaluation of their biological activity.

11:30 **G.I. Buravchenko** (Moscow) The influence of functional groups on the cytotoxicity of amino-derivatives of 7-chloro-3-phenyl-quinoxaline-2-carbonitrile di-N-oxide.

11:45 Coffee break

12:05 **V. Hapko** (Moscow) Synthesis of tissue-specific ligands for the targeted drug delivery to hepatic cells.

12:20 **M.S. Dzyurkevich** (Kazan) Potent glucokinase activators based on pyridoxine dipharmacophore derivatives.

12:35 **V.S. Dorokhov** (Moscow) Design and stereoselective synthesis of novel phosphodiesterase 4B inhibitors.

12:50 **M.V. Pugachev** (Kazan) Synthesis and antitumor activity of pyridoxine-based stilbene mimetics.

13:05 **E.V. Zaryanova** (Moscow) Oxindole derivatives with antiglaucoma activity.

13:20 **A.G. Iksanova** (Kazan) *In vitro* and *in vivo* biological activity of a pyridine derivative TH-14.

13:35 **Yu.N. Nosova** (Moscow) Pt and Ru complexes with biologically active ligands.

13-50 Lunch

15-00 **A.P. Ilyin** (Khimki, Moscow region) Scientific and Research Institute ChemRar – 30 years in the field of innovative drug discovery. **Presentation of the General Sponsor of the Satellite Symposium, SRI ChemRar.**

15-30 **N.A. Zefirov** (Moscow) Tubuloclustin, its derivatives and analogues: structure-activity relationships.

15:45 **V.G. Klochkov** (Volgograd) Directed *in silico* and *in vitro* search of novel α -glucosidase inhibitors.

16-00 **N.V. Shtyrlin** (Kazan) Synthesis and biological activity of pyridoxine-based quaternary ammonium salts.

16-15 **V.V. Musiyak** (Ekaterinburg) Synthesis and antiviral activity of novel purine and 2-aminopurine conjugates with chiral heterocyclic amines.

16-30 **V.E. Oslovsky** (Moscow) N6-Substituted adenosine derivatives as selective inhibitors of human Enterovirus 71 replication.

16-45 **R.S. Pavelyev** (Kazan) Synthesis and antiadrenergic properties of β -substituted alcohols based on 6-hydroxymethylpyridoxine.

17-00 **S.A. Evteev** (Moscow) Prospects for the use of sulfonates in medicinal chemistry.

17-15 **V. Asati** (India) Design, synthesis and biological evaluation of some derivatives of thiazolin-2,4-dione as potential antitumor drugs.



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