

3rd International school "NANO-2015"
"Nanomaterials and Nanotechnologies in Life Systems.
Safety and Nanomedicine"

Preliminary program

June 24, 2015

12.20-12.30 Coffee Break

**12.30. Section 7. Nanomedicine. & 3rd International school "NANO-2015"
"Nanomaterials and Nanotechnologies in Life Systems. Safety and
Nanomedicine"**

Chairpersons: Prof. Natalia Klyachko and Prof. Elena Markvicheva

12.30 Plenary Lecture

Prof. Tatiana Bronich

*Center for Drug Delivery and Nanomedicine, Medical Center of University of
Nebraska, Omaha, Nebraska, USA*

Soft nanomaterials as platform for drug delivery

13.10-13.40

Prof. Elena Vodovozova

Shemyakin & Ovchinnikov Institute of Bioorganic Chemistry, Moscow, Russia

Липосомы как системы доставки лекарств: история и перспективы

13.40-14.00

Prof. Elena Kudryashova

*Department of Chemical Enzymology, School of Chemistry, Lomonosov Moscow
State University, Moscow Russia*

**Микронизация с применением СКФ технологий как современный
подход создания нанолечарств**

14.00-14.30

Prof. Elena Markvicheva

Shemyakin & Ovchinnikov Institute of Bioorganic Chemistry, Moscow Russia

To be announced

14.30-15.00 Lunch

Poster session

15.00. Chairpersons: Prof. Vladimir Izumrudov and Dr. Elena Zaitseva

15.00-15.20

Dr. Maya Rubtsova

Department of Chemical Enzymology, School of Chemistry, Lomonosov Moscow State University, Moscow Russia

Oligonucleotide microarrays for the identification of genetic determinants of bacterial resistance to antibiotics

15.20-15.40

Prof. Vladimir Izumrudov

School of Chemistry, Lomonosov Moscow State University, Moscow, Russia

Supercharged polycations and (bio)polyelectrolyte complexes

15.40-15.55

Anton Aleksashkin

The Serbsky State Scientific Center for Social and Forensic Psychiatry, Moscow, Russia

Nanocomplexes of superoxide dismutase for the treatment of spinal cord injury

15.55-16.10

Irina Deygen

School of Chemistry, Lomonosov Moscow State University, Moscow, Russia

To be announced

16.10-16.30

Mariya Volokitina

Saint-Petersburg State University, Saint-Petersburg, Russia

Study of enzymatic degradation of PLA and PLA-nanoparticles

16.30-16.45 Coffee Break

Poster Session

16.45-17.05

Nataliya Feoktistova

School of Chemistry, Lomonosov Moscow State University, Moscow, Russia

pNIPAM-based porous thermo-sensitive microgels for drug delivery

17.05-17.20

Maria Efremova

School of Material Sciences, Lomonosov Moscow State University, Moscow, Russia

To be announced

17.20-17.40

Prof. Dmitry Gorin

Saratov State University, Saratov, Russia

To be announced

17.40-18.10

Prof. Yu. Golovin

G.R Derzhavin Tambov State University, Tambov, Russia

School of Chemistry, Lomonosov Moscow State University, Moscow, Russia

**Alternative Low Frequency Magnetic Field Theranostic: Recent Advances,
Safety and Hazards**