



ASCB
ПИОХБ
2018



Research School
of Chemistry & Applied
Biomedical Sciences
TOMSK POLYTECHNIC UNIVERSITY



4-8 June
Июня

SCHEDULE OF WORK OF THE II INTERNATIONAL SYMPOSIUM
«ADVANCED STUDIES IN THE FIELD
OF CHEMISTRY AND BIOMEDICINE»

ПЛАН-ГРАФИК РАБОТЫ II МЕЖДУНАРОДНОГО СИМПОЗИУМА
«ПЕРСПЕКТИВНЫЕ ИССЛЕДОВАНИЯ
В ОБЛАСТИ ХИМИИ И БИОМЕДИЦИНЫ»

04.06.2018 Monday | 🏠 International Culture Center, 13v Usova Street

👤 Chairman: *Zhdankin Viktor*

9 ⁰⁰ – 9 ³⁰	Registration of participants / Регистрация участников
9 ³⁰ – 10 ⁰⁰	Welcome word / Открытие Симпозиума
10 ⁰⁰ – 11 ⁰⁰	Nenajdenko Valentine «Heterocyclic cirulenes - chemical flowers» <i>Lomonosov Moscow State University</i>
11 ⁰⁰ – 11 ²⁰	Coffee-break / Кофе-брейк
11 ²⁰ - 12 ²⁰	Chehimi Mohamed Mehdi «Diazonium surface chemistry for biomedical and biomimetic polymer grafts» <i>Universite Paris 7- Denis Diderot</i>
12 ²⁰ – 14 ⁰⁰	Lunch break / Обед
14 ⁰⁰ – 15 ⁰⁰	Dyakov Sergey «Optical properties of silicon nanocrystals covered by periodic array of gold nanowires» <i>Skolkovo Institute of Science and Technology</i>
15 ⁰⁰ - 16 ⁰⁰	Shafir Alexandr «High-valent iodine as directing group in aromatic C-H functionalization: towards iterative synthesis of multi-substituted iodoarenes» <i>Institute of Chemical Research of Catalonia</i>
16 ⁰⁰ – 16 ³⁰	Coffee-break / Кофе-брейк
16 ³⁰ – 17 ³⁰	Rodriguez Raul «Seeing and Feeling the Chemistry and Physics of Matter at the Nanoscale» <i>Tomsk Polytechnic University</i>
17 ³⁰ – 18 ³⁰	Vatsadze Sergey Z. «Stereoelectronic Chameleons: The Donor–Acceptor Dichotomy of Functional Groups» <i>Lomonosov Moscow State University</i>

05.06.2018 Tuesday | 🏠 Main building/ Building №1, Room 209

👤 Chairman: *Shafir Alexandr*

9 ⁰⁰ – 10 ⁰⁰	Zhdankin Viktor «New hypervalent iodine reagents» <i>University of Minnesota, Duluth</i>
10 ⁰⁰ – 11 ⁰⁰	Boukherroub Rabah «Functionalized nanostructures for fighting bacterial and virus infections» <i>University of Lille</i>
11 ⁰⁰ – 12 ⁰⁰	Verpoort Francis Walter Cornelius «Novel Zn/Co zeolitic imidazolate framework (ZIF); properties and applications» <i>Wuhan University of Technology</i>
12 ⁰⁰ – 14 ⁰⁰	Lunch break / Обед
14 ⁰⁰ – 15 ³⁰	Официальная встреча со всеми участниками, подписание соглашения между ТПУ и МГУ
15 ³⁰ - ...	Meeting with scientific groups / Встреча с научными группами (место проведение корпуса ТПУ)

06.06.2018 Wednesday | 🏠 International Culture Center, 13v Usova Street

👤 Chairman: *Chehimi Mohamed Mehdi*

9 ⁰⁰ – 10 ⁰⁰	Худошин Андрей Григорьевич «Как научные базы данных помогают повысить эффективность перспективных исследований в области химии и биомедицины? Разработка молекул. Предсказание биоактивности. Доклинические и клинические исследования» Директор направления химико-биологических решений <i>Elsevier S&T в России, Иране и странах СНГ</i>
10 ⁰⁰ – 11 ⁰⁰	Felpein François-Xavier «Synthesis of Natural products using intelligent flow reactors» <i>University of Nantes</i>
11 ⁰⁰ – 11 ¹⁵	Coffee-break / Кофе-брейк
11 ¹⁵ – 12 ¹⁵	Tretyakov Evgeny «Высокоспиновые органические молекулы» <i>N.N. Vorozhtsov Novosibirsk Institute of Organic Chemistry of the Siberian Branch</i>
12 ¹⁵ – 14 ⁰⁰	Lunch break / Обед
14 ⁰⁰ – 15 ⁰⁰	Brazovskii Konstantin «Electrical bioimpedance measurements in biomedical research and clinical practice» <i>Siberian State Medical University</i>
15 ⁰⁰ – 16 ⁰⁰	Cotrut Mihai-Cosmin «Surface functionalization of biomaterials» <i>University Politehnica of Bucharest</i>
16 ⁰⁰ – 16 ³⁰	Pershina Alexandra «Magnetic nanoparticles for tumor imaging and therapy» <i>Siberian State Medical University</i>
17 ⁰⁰ – 19 ³⁰	Excursion for lecturers / Экскурсия для лекторов

07.06.2018 Thursday | 🏠 International Culture Center, 13v Usova Street

👤 Chairman: *Korotkova Elena I.*

9 ⁰⁰ – 10 ⁰⁰	Vladescu Alina «Multifunctional coatings to simultaneously promote osseointegration and prevent infection of dental and orthopaedic implants» <i>Optoelectronics S.A. Bucharest</i>
10 ⁰⁰ – 11 ⁰⁰	Pestryakov Alexey «Catalytic and biological activity of the systems based on silver and gold nanoparticles» <i>Tomsk Polytechnic University</i>
11 ⁰⁰ – 11 ²⁰	Coffee-break / Кофе-брейк
11 ²⁰ – 12 ²⁰	Atochina-Vasserman Elena «Immune cells as target drug delivery vehicles» <i>University of Pennsylvania, School of Medicine</i>
12 ²⁰ – 14 ⁰⁰	Lunch break / Обед
14 ⁰⁰ – 15 ⁰⁰	Shchepetkin Igor «Synthetic ligands of formyl peptide receptors» <i>Montana State University, Department of Microbiology and Immunology</i>
15 ⁰⁰ – 16 ⁰⁰	Gow Andrew «Targeting nitric oxide chemistry for novel therapeutic benefit» <i>Rutgers University, NJ</i>
16 ⁰⁰ – 16 ²⁰	Coffee-break / Кофе-брейк
16 ²⁰ – 17 ²⁰	Volker Deckert «Recent aspects on lateral resolution of near-field microscopy - chemical and electromagnetic considerations» <i>Friedrich Schiller University</i>

08.06.2018 Friday | 🏠 International Culture Center, 13v Usova Street

👤 Chairman: *Konstantin Brazovskii*

9 ⁰⁰ – 11 ⁰⁰	Atochin Dmitriy «Experimental studies of molecular mechanisms of cerebral blood flow regulation» <i>Massachusetts General Hospital, Harvard Medical School, Boston</i>
10 ⁰⁰ – 12 ⁰⁰	Di Martino Antonio «Natural polysaccharides in drug and gene delivery» <i>Tomas Bata University in Zlin</i>
12 ⁰⁰ – 12 ³⁰	Coffee-break / Кофе-брейк
12 ³⁰ – 13 ³⁰	Rodriguez-Zubiri Mireia «Intermolecular hydroamination of non-activated olefins: advances and perspectives» <i>University of Nantes</i>
13 ³⁰ – 14 ³⁰	Lunch break / Обед
14 ⁰⁰ – 15 ⁰⁰	Naik Naren «Fluorescence based optical tomography: Some directions and results» <i>Indian Institute of Technology</i>
15 ⁰⁰ – 16 ⁰⁰	Surmenev Roman «Fabrication and surface modification of biomedical materials, scaffolds and thin films» <i>Tomsk Polytechnic University</i>
16 ⁰⁰ – 16 ³⁰	Закрытие симпозиума / Closing of the symposium