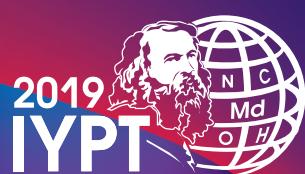




ART SCIENCE  
AND SPORT



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# PROGRAM

# XXI MENDELEEV CONGRESS

# ON GENERAL AND APPLIED

# CHEMISTRY

Saint Petersburg  
9 – 13 September

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# September 13

## SECTIONS 10



Hotel "Park Inn Pribaltiyskaya", hall "Red 10"

*Chair: Garabadzhiev A. V.*

### ORAL LECTURES

09.00–9.15	Trifonov R.E.	SYNTHESIS AND BIOLOGICAL EVALUATION OF NOVEL TETRAZOLE DERIVATIVES
9.15–9.30	Korotaev V.Yu.	3-NITRO-2-TRIFLUORO(TRICHLORO)METHYL-2HCHROMENES IN [3+2]-CYCLOADDITION REACTION WITH AZOMETHINE YLIDES BASED ON ISATIN AND A-AMINO ACIDS: SYNTHESIS OF SPIROCHROMENOPYRROLIDINES AND SPIROCHROMENOPYRROLIZIDINES WITH PRONOUNCED CYTOTOXICITY
9.30–9.45	Sedov Ya.R.	SYNTHIA™ ПРОГРАММНОЕ ОБЕСПЕЧЕНИЕ ДЛЯ ОРГАНИЧЕСКОГО ПЕТРОСИНТЕЗА
9.45–10.00	Nazarov A.A.	SELECTIVE ANTITUMOR METAL-BASED COMPOUNDS WITH TARGETING LIGANDS
10.00–10.15	Khachatryan D.S.	QUINAZOLINE-BASED HYDROXAMIC ACIDS AS HYSTON DEACETYLASE/VGFR2 INHIBITORS
10.15–10.25	Sen Pinar	EFFECT OF THE METALS AND THE NUMBER AND POSITION OF THE SUBSTITUENTS ON THE PHOTO-PHYSICOCHEMICAL AND PHOTODYNAMIC THERAPY ACTIVITIES OF PHTHALOCYANINES
10.25–10.35	Boarskiy V.P.	POTENTIAL OF PALLADIUM ISOCIANIDE COMPLEXES IN DESIGN OF PHARMACOLOGICALLY ACTIVE COMPOUNDS
<b>10-35-11-00</b>		<b>Coffee-coffee-break</b>

*Chair: Garabadzhiev A. V.*

11.00–11.15	Radchenko E.V.	NEURAL NETWORK APPROACHES TO PREDICTION AND ANALYSIS OF PHARMACOKINETIC PROPERTIES AND TOXICITY OF ORGANIC COMPOUNDS
11.15–11.30	Chistyakova T.B.	COMPUTER SYSTEM FOR ANALYZING AND PREDICTING ANTIBIOTIC PROPERTIES BASED ON THEIR STRUCTURE
11.30–11.40	Zefirov N.A.	ISOSTERIC ANALOGUES OF COMBRETASTATIN AND 2-METHOXYESTRADIOL BEARING ADAMANTANE MOIETY
11.40–11.55	Lozinskaya N.A.	SYNTHESIS AND BIOLOGICAL ACTIVITY OF NOVEL 2-OXINDOLE DERIVATIVES
11.55–12.05	Savateev K.V.	NITROAZOLOPYRIMIDINES – ATTRACTIVE STRUCTURES IN MEDICINAL CHEMISTRY
12.05–12.30	Tiurin V.Yu.	THE COMPLEX APPROACH TO ANTIOXIDANT ACTIVITY ASSAY OF POLYFUNCTIONAL COMPOUNDS