



The 6th International Conference
ECOLOGICAL & ENVIRONMENTAL CHEMISTRY 2017

March 3, 2017

Session E: Young Scientists Research in Ecological & Environmental Chemistry

University of the Academy of Sciences of Moldova (UnASM), Conference Hall 2,
3/2 Academiei Str., Chisinau, Republic of Moldova

EEC-2017 Session/Activity		Location
9:00-9:30	Participants Registration	UnASM Conference Lobby
9:30-9:40	PARTICIPANTS WELCOME: <i>Acad. Maria DUCA, Rector, University of the Academy of Sciences of Moldova, Moldova</i>	
9:40-11:00 PRESENTATIONS	MODERATORS: <i>Dr. Aliona MEREUȚA, University of the Academy of Sciences of Moldova, Moldova</i> <i>Mr. Vladislav BLONSCHI, Moldova State University, Moldova</i>	
9:40-9:50	THE PROBLEM OF RATIONAL MANAGEMENT OF NATURAL RESOURCES OF THE REPUBLIC OF MOLDOVA <i>Ms. Viorica CIOBANU, Moldova State University, Moldova</i>	
9:50-10:00	PHOTOCHEMICAL TRANSFORMATIONS OF CYSTEINE IN NATURAL WATERS <i>Mr. Vladislav BLONSCHI, Moldova State University, Moldova</i>	
10:00-10:10	STUDY OF THE ANTIOXIDANT PROPERTIES OF THE EXTRACTS FROM SECONDARY FOREST PRODUCTS BY CHEMILUMINESCENCE METHOD <i>Mrs. Natalia PETROV, Institute of Chemistry ASM, Moldova</i>	
10:10-10:20	CRYSTAL STRUCTURE OF NEUTRAL 2,3-PYRIDINEDICARBOXYLATE COBALT(III) COMPLEX <i>Mrs. Natalia TARENTI, University of the Academy of Sciences of Moldova, Moldova</i>	
10:20-10:30	DETERMINATION OF ANTIOXIDANT PROPERTIES OF RESVERATROL FROM GRAPE EXTRACTS <i>Ms. Ana ANTOCI, Moldova State University, Moldova</i>	
10:30-10:40	SYNTHESIS, STRUCTURE AND ANTIMICROBIAL ACTIVITY OF SALICYLALDEHYDE 4-(DIMETHYLPHENYL)THIOSEMICARBAZONES AND BIOMETAL COORDINATION COMPOUNDS WITH THESE LIGANDS <i>Mrs. Tatiana ERHAN, Moldova State University, Moldova</i>	
10:40-10:50	DETERMINATION OF CHLORINATED PESTICIDES IN THE RIVER PRUT <i>Mr. Nicolae GROSU, University of the Academy of Sciences of Moldova, Moldova</i>	
10:50-11:00	THE INFLUENCE OF TARTARIC ACID ON CONFORMATION AND STABILITY OF HUMAN SERUM TRASFERRIN <i>Ms. Anastasia MISCO, University of the Academy of Sciences of Moldova, Moldova</i>	
11:00-11:30	Tea/Coffee	UnASM Conference Hall 2



11:30-13:00 PRESENTATIONS	MODERATORS: <i>Dr. Natalia VELIȘCO, University of the Academy of Sciences of Moldova, Moldova</i> <i>Mrs. Irina Gînsari, University of the Academy of Sciences of Moldova, Moldova</i>	
11:30-11:40	OBTAINING AND UTILIZATION OF THE CAPSAICIN AS AN ACTIVE PRINCIPLE IN PREPARATION A PRODUCTS WITH HEATING EFFECT <i>Ms. Elena LUCHIAN, Moldova State University, Moldova</i>	
11:40-11:50	SYNTHESIS AND RESEARCH OF ANTITUBERCULOSIS DRUGS WITH PROLONGED EFFECT OF NATURAL POLYMERS WITH STREPTOMYCIN <i>Ms. Maria LUCHIAN, Moldova State University, Moldova</i>	
11:50-12:00	THE USE OF IMIDAZOLE-BASED DEEP EUTECTIC SOLVENTS IN BIGINELLI REACTION <i>Ms. Natalia NACONECINAIA, University of the Academy of Sciences of Moldova, Moldova</i>	
12:00-12:10	THE STUDY OF TOMATO SEEDS AS A SOURCE OF NATURAL ANTICANCER COMPOUNDS <i>Ms. Alexandra PLATONOVA, Moldova State University, Moldova</i>	
12:10-12:20	DERIVATIVES OF 3-METHYL-5-(METHYLSULFANYL)-4H-1,2,4-TRIAZOL-4-AMINE WITH ANTIMICROBIAL AND ANTIOXADANTIVES PROPERTIES <i>Mrs. Ana RUSNAC, Moldova State University, Moldova</i>	
12:20-12:30	WASTEWATER TREATMENT TECHNOLOGIES OF TEXTILE DYES IN THE PRESENCE OF AUXILIARY AGENTS <i>Ms. Elena VLAS, Moldova State University, Moldova</i>	
12:30-12:40	PHARMACO COSMETIC OBTAINING AND USE OF TRITERPENOIDS ACYCLIC SQUALENE <i>Ms. Mihaela VARZARI, Moldova State University, Moldova</i>	
12:40-12:50	FORMATION OF NITROSAMINES IN LIVING ORGANISMS – IMMINENT DANGER <i>Ms. Marina MUSTUC, Moldova State University, Moldova</i>	
12:50-13:00	ESTIMATE ACCUMULATION OF IRON IN THE UPPER LAKE OF ROSE VALLEY PARK OF THE CHISINAU <i>Ms. Evghenia NEDEALCO, Moldova State University, Moldova</i>	
13:00-14:00	Lunch	UnASM Conference Hall 2
14:00-18:00 WORKSHOP	EXACT SCIENCES IN THE DIALOGUE OF GENERATIONS: CONNEXIONS BETWEEN UNIVERSITIES, ACADEMIA AND BUSINESS COMMUNITY	UnASM Conference Hall
14:00-18:00	MODERATORS: <i>Dr. Aliona MEREUȚA, University of the Academy of Sciences of Moldova, Moldova</i> <i>Dr. Natalia VELIȘCO, University of the Academy of Sciences of Moldova, Moldova</i>	
14:00-15:00	SUCCESSFUL CASES OF PRACTICAL IMPLEMENTATION	
14:00-14:15	THE USE OF ACTIVATED CARBON IN TREATING THE ENVIRONMENT <i>Prof. Victor MUKHIN, Join. Stoct company “ENPO “Neorganica”, Electrostal, Russia</i>	
14:15-14:30	ENOXIL – BIOLOGICALLY ACTIVE NATURAL PRODUCTS <i>Dr. Hab., Mem.cor., Tudor LUPAȘCU, Institute of Chemistry ASM, Moldova</i>	
14:30-14:45	A COMPLEX TREATMENT OF PLASTIC AND MEDICAL INFECTIOUS WASTE <i>Sergey BUZHOR, SRL “UISPAC”</i>	



14:45-15:00	THE PRACTICAL IMPLEMENTATION OF TECHNOLOGY FOR OBTAINING CONTACT FUNGICIDE COPEER AND FERTILYZERS <i>Dr. Aliona MEREUȚA, Î.S. Izomer a AȘM</i>
15:00-17:00	INNOVATIVE IDEAS CONTEST
15:00-15:10	OBTAINING AND USING OF TETRANORLABDANIC COMPOUNDS WITH BIOLOGICAL PROPERTIES <i>Ms. Crina SMIGON, University of the Academy of Sciences of Moldova, Moldova</i>
15:10-15:20	UTILISATION OF PHYTOLAMPS IN AGRICULTURE <i>Mr. Contastantin LOȘMANSCHI, University of the Academy of Sciences of Moldova, Moldova</i>
15:20-15:30	UTILISATION OF ACTIVATED CARBON FOR WATER PURIFICATION <i>Ms. Irina GINSARI, Institute of Chemistry ASM, Moldova</i>
15:30-15:40	COSMECEUTICAL PRODUCTS BASED ON BIOPOLYMER MATERIAL IMMOBILIZED WITH MODIFIED TANNINS <i>Mr. Alexandru GONTA, Institute of Chemistry ASM, Moldova</i>
15:40-15:50	OBTAINING OF ANTI ACNE LOTION WITH NATURAL BIOACTIVE CONSTITUENTS <i>Ms. Irina CALCEV, Moldova State University, Moldova</i>
15:50-16:00	USING THE OINTMENT FOR RHEUMATOID ARTHRITIS <i>Ms. Veronica OBOROC, Moldova State University, Moldova</i>
16:00-16:10	TEXTILE WASTE WATER TREATMENT FROM NATURAL COLORANTS <i>Mrs. Larisa MOCANU, Moldova State University, Moldova</i>
16:10-16:20	USE OF NATURAL ANTIOXIDANT TO INHIBIT NNA FORMATION IN MEAT PRODUCTS <i>Ms. Valeriana VIRLAN, Moldova State University, Moldova</i>
16:20-16:30	METHODS OF STUDENTS FAMILIARISATION WITH EXACT SCIENCES <i>Ms. Aina Idrisova, University of the Academy of Sciences of Moldova, Moldova</i>
16:30-16:40	USE OF CARBON SORBENT FOR SOILS DECONTAMINATION <i>Ms. Elena CULIGHIN, Institute of Chemistry ASM, Moldova</i>
16:40-16:50	OBTAINING OF BIOLOGICAL ACTIVE PRODUCTS FROM WASTE TREATED BY OZONATION <i>Ms. Vlada GÎRBU, Institute of Chemistry ASM, Moldova</i>
16:50-17:00	STIKERS GPS – INNOVATION IN THE WEST UNKNOWN IN MOLDOVA <i>Ms. Ana NASTASIU, University of the Academy of Sciences of Moldova, Moldova</i>
17:00-17:10	Tea/Coffee UnASM Conference Hall 2
17:10-17:40	DISCUSSION BETWEEN BUSINESS REPRESENTATIVES AND WORKSHOP PARTICIPANTS
17:40-18:00	PRIZES AND DIPLOMAS AWARDS
9:00-18:00	Poster session is available during the Session E UnASM Conference Lobby
POSTERS	SYNTHESIS OF ALIPHATIC SYMMETRIC DIPHOSPHONIUM SALTS AND BACTERICIDAL PERFORMANCE OF SELECT PRODUCTS <i>Bin YUAN, Wei HU, Song LV, Jie-yang HUANG, Ke-cheng HUAN, China</i>
	DESIGN AND STRUCTURAL CHARACTERIZATION OF CO(II) AMINOALCOHOL-SUPPORTED ISOBUTYRATE AND ITS 1D COORDINATION POLYMER <i>Dumitru STATI, Victor Ch. KRAVTSOV, Svetlana G. BACA, Moldova</i>



BIORATIONAL PRODUCTS IN THE GRAPES PROTECTION IN ORGANIC AND CONVENTIONAL VITICULTURE

Vladimir TODIRAS, Alexei POPA, Moldova

STUDIES ON WIDENING THE SPECTRUM OF ACTION OF ANTIACNE OINTMENT

Liudmila TIMOFTI, Moldova

SYNTHESIS AND CHARACTERISATION OF A NEW PALLADIUM(II) COORDINATION COMPOUND STARTING FROM A NOVEL PHOSPHONATE LIGAND

Olesea CUZAN, Moldova

GREEN TEA CATECHIN EXTRACTION AND THE INHIBITION OF OIL AND COSMETIC CREAM OXIDATION

Constanța COROI, Moldova

CHITOSAN-BASED BIONANOCOMPOSITES FUNCTIONALIZED WITH POLYPHENOL

Alexandru GONTA, Tudor LUPASCU, Moldova

ECOLOGICAL MATERIAL AND TECHNOLOGIES USED IN STOPPING THE XYLOPHAGIC ATTACK ON A XVIII-TH CENTURY ICON

Cosmin Tudor IURCOVSCHI, Marius MUNTEANU, Cristiana MANEA (AMARIEI), Maria Modesta LUPASCU, Irina Crina Anca SANDU, Viorica VASILACHE, Ion SANDU, Romania

WASTEWATER TREATMENT OF TEXTILE DYE RED ACTIVE IN PRESENCE OF AUXILIARY AGENTS

Marina NICA-BARDIER, Moldova

CLEAN TECHNOLOGIES – A GUARANTEE FOR THE FUTURE OF THE PLANET

Anastasia ROTARI, Moldova

TERPENE OZONOLYSIS IN GREEN SOLVENTS

Vladilena GÎRBU, Elena PRUTEANU, Nicon UNGUR, Alic BARBĂ, Veaceslav KULCIŢKI, Moldova

MICROWAVE ASSISTED SYNTHESIS OF SOME NEW TETRANORLABDANE COMPOUNDS AND THEIR BIOLOGICAL ACTIVITY

Crina SMIGON, Lidia LUNGU, Aculina ARICU, Nicoleta VORNICU, Moldova

CARBONACEOUS ADSORBENTS FOR REMOVAL OF POLLUTANTS FROM WATER

Irina GINSARI, Moldova

ELABORATION OF AN ANTIACNEIC LOTION BASED ON NATURAL BIOACTIVE CONSTITUENTS

Irina CALCEV, Moldova

OBTAINING TECHNOLOGY OF THE RHEUMATOID ARTHRITIS OINTMENT

Veronica OBOROC, Moldova State University, Moldova

THE CATALYTIC OXIDATION OF BIS-MPA

Larisa MOCANU, Maria GONȚA, Gheorghe DUCA, Moldova

THE ELABORATION OF INHIBITION METHODS IN THE FORMATION PROCESSES OF N-NITROSOAMINES IN THE MEAT PRODUCTS

Valeriana VIRLAN, Moldova

STUDY OF ADSORPTION OF ORGANIC POLLUTANTS ON CARBONACEOUS SORBENTS

Elena CULIGHIN, Tudor LUPASCU, Moldova

