

INTERNATIONAL CONFERENCE

CHIMIA 2016

“NEW TRENDS IN APPLIED CHEMISTRY”



PROGRAM

May 26 – 28, 2016
Constanta, ROMANIA

SPONSOR:

S.C. CONPET S.A. PLOIEȘTI

Foreword for the 6th Conference “Chimia” 2016

The seventh in the cycle “Chimia”, this conference was organized by our department starting with 2000 every three years until 2012, since it is organized every two years.

Chimia 2016 is part of an on-going Conference series which focuses on applied chemistry problems. The conference abstracts are published in the second volume of “International Conference “Chimia”. Book of Abstracts”, a journal with a periodicity of two years (ISSN 2360-3941). The full-text manuscripts can be published in “Ovidius University Annals of Chemistry”, an open access journal indexed in several international databases, like Emerging Sources Citation Index (ESCI), Chemical Abstracts Service (CAS), Directory of Open Access Journals (DOAJ), Index Copernicus (IC) etc.

At this meeting you can present your most recent research achievements and ideas. The organizers intend to create a warm and friendly atmosphere for stimulate the scientific discussions and confrontations.

Chimia 2016 is conducted at the University “Ovidius” of Constanta and Megalos Hotel. Conveniently located, Megalos Hotel offers excellent facilities for conferences. The meeting halls and poster area are designed to facilitate interactions among Conference participants.

Constanta is the second largest city in Romania and the biggest port at the Black Sea, an important cultural and economic centre, worth exploring for its archaeological treasures and the atmosphere of the old town centre. The name of Constanta dates from the Byzantine ruling when Tomis appears in Byzantine and later Italian documents, as Constantia, after an important imperial Roman family.

We wish you all a fruitful conference in Constanta with many new ideas and contacts all over Europe. We look forward to meet each of you at the Chimia 2016!

*Sincerely,
Viorica Popescu
Conference Chairperson
Chimia 2016 Organizing Committee*

CONFERENCE PROGRAM

Thursday, May 26, 2016

8³⁰ – 9³⁰ **Registration**, *Megalos Hotel, Central Hall*

9³⁰ – 10⁰⁰ **Opening ceremony**, *Megalos Hotel, Conference Room*

Welcome addresses

Rector of “*Ovidius*” University of Constanta

Dean of Applied Sciences and Engineering Faculty, Conference
CHIMIA2016 Chairperson

10⁰⁰ – 11²⁰ **Plenary session**, *Megalos Hotel, Conference Room*

PL1. Andrei Medvedovici, *University of Bucharest, RO*

PL2. Eleonora-Mihaela Ungureanu, *Politehnica University of
Bucharest, RO*

11²⁰ – 11⁴⁰ *Coffee break*

11⁴⁰ – 12²⁰ **Plenary session**, *Megalos Hotel, Conference Room*

PL3. Călin Deleanu, “*Costin D. Nenitescu*” *Centre of Organic
Chemistry, Romanian Academy, Bucharest, RO*

12³⁰ – 14³⁰ *Lunch*

14³⁰ – 17⁰⁰ **Oral sessions (A, B and E)**, *Megalos Hotel, Conference Room*

17⁰⁰ – 17¹⁵ *Coffee break*

17¹⁵ – 18³⁰ **Posters session (A and B)**, “*Ovidius*” *University of Constanta,
Central Hall*

Friday, May 27, 2016

9³⁰ – 10⁵⁰ **Plenary session, “Ovidius” University of Constanta, Senate Hall**

PL4. Stefano Girotti, University of Bologna, IT

PL5. Tanase Dobre, Politehnica University of Bucharest, RO

11⁰⁰ -12⁰⁰ **Doctor Honoris Causa Award Ceremony, “Ovidius” University of Constanta, Senate Hall**

12⁰⁰ -14⁰⁰ Lunch

14¹⁵ – 15⁰⁰ **Oral sessions (Section D and F) “Ovidius” University of Constanta, S20 Room**

15⁰⁰ - 16⁰⁰ **Posters session (Sections C, D and E) “Ovidius” University of Constanta, Central Hall**

16⁰⁰ – 16¹⁵ **Closing ceremony, “Ovidius” University of Constanta, S20 Room**

19⁰⁰ – **Gala Dinner, “Ovidius” University of Constanta**

Saturday May 28, 2016

Alternative program:

10⁰⁰ – 12⁰⁰ **Round table “New trends in applied chemistry”
Ovidius University of Constanta, S20 Room**

10⁰⁰ Social Program – Danube Delta excursion

May 26, 2016

10⁰⁰ – 11²⁰, Megalos Hotel, Conference Room

Chairpersons:

Viorica Popescu, "Ovidius" University of Constanta, RO

Simona Dobrinaș, "Ovidius" University of Constanta, RO

PLENARY LECTURES

PL1. Andrei MEDVEDOVICI

NEW CHEMOMETRIC APPROACH BASED ON LINEAR
REGRESSION FOR HOLISTIC COMPARISON OF
ANALYTICAL DATA

PL2. Eleonora-Mihaela UNGUREANU

MODIFIED ELECTRODES BASED ON AZULENE
DERIVATIVES FOR HEAVY METAL IONS DETECTION

11²⁰ – 11⁴⁰ Coffee break

11⁴⁰ – 12²⁰, Megalos Hotel, Conference Room

PL3. Alina NICOLESCU, Călin DELEANU

BIOMEDICAL APPLICATIONS OF NMR SPECTROSCOPY

ORAL SESSIONS

14³⁰ – 17⁰⁰, Megalos Hotel, Conference Room

Chairpersons:

Stefano GIROTTI, *University of Bologna, IT*

Gabriel Lucian RADU, *Politehnica University of Bucharest, RO*

Section A: Natural and Synthetic Compounds

- OA1.** Simona PATRICHE, Ioana-Otilia GHINEA, Gigi ADAM, Liana Teodora DINICA, Gabriela GURAU, Rodica-Mihaela DINICA
CHARACTERIZATION OF BIOACTIVE COMPOUNDS FROM ROMANIAN *CETRARIA ISLANDICA* SPP.
- OA2.** Ioana CÂRSTEA, Rami DOUKEH, Dorin BOMBOS, Mihaela BOMBOS, Gabriel VASILIEVICI
IMPROVEMENT OF LAVENDER OIL CHARACTERISTICS BY HYDROGENATION
- OA3.** Ioana Adina OANCEA, Gabriela STANCIU, Toma GALAON, Eleonora-Mihaela UNGUREANU
SEPARATION, IDENTIFICATION AND CUANTIFICATION OF SOME COSMETIC EMULSION INGREDIENTS
- OA4.** Mirabela L. IORDACHE, Doina HRITCU, Gianina DODI, Dan DRAGANESCU, Marcel I. POPA
PREPARATION OF HYBRID COATINGS WITH CONTROLLED WETTABILITY: PROCESS PARAMETER STUDY

Section B: Analytical and Environmental Chemistry

- OB1.** Emanuele MORGANTI, Miguel AMORIM, Luca BOLELLI, Elida Nora FERRI, Laura TOSITTI, Erika BRATTICH, Stefano GIROTTI
DEVELOPMENT OF A FAST CHEMILUMINESCENT METHOD FOR TESTING AIR POLLUTION

- OB2.** Alina-Giorgiana GALON (NEGRU), Romeo Iulian OLARIU, Cecilia ARSENE
ATMOSPHERIC BEHAVIOR AND SIZE DISTRIBUTION OF WATER SOLUBLE ACETATE, FORMATE AND OXALATE IONS IN URBAN AEROSOLS FROM IASI, ROMANIA
- OB3** Georgiana MARDARE (BALUSESCU), Romeo Iulian OLARIU, Cecilia ARSENE
METHOXY PHENOLS AND OTHER STRUCTURAL CONSTITUENTS IN *DATURA INOXIA* SEEDS. MECHANISTIC APPROACHES
- OB4** Antonio RADOI, Iuliana MIHALACHE, Mihaela KUSKO, Eugeniu VASILE
GRAPHENE QUANTUM DOTS: ANALYTICAL CHARACTERISATION AND APPLICATIONS
- OB5** Laura MERCOLINI, Michele PROTTI, Maria C. CATAPANO, Stefano GIROTTI, Anna BARBIERI, Laura SABATINI, Vittorio BOIDO, Vittorio LODI, Francesco S. VIOLANTE
NOVEL BLOOD AND URINE MICROSAMPLING STRATEGIES FOR THE MONITORING OF ALCOHOL CONSUMPTION MARKERS

Section E: Food Chemistry and Engineering

- OE1** Sandra A. V. EREMIA, Ioana VASILESCU, Camelia ALBU, Simona LITESCU, Gabriel-Lucian RADU
DETERMINATION OF DIFFERENT ACTIVE PRINCIPLES FROM RED WINES, OILS, COFFEE AND TEA BY MEANS OF SENSORS/BIOSENSORS

17⁰⁰ – 17¹⁵ Coffee break

POSTERS (I)

17¹⁵ – 18³⁰, “Ovidius” University of Constanta, Central Hall

Chairpersons:

Andrei MEDVEDOVICI, *University of Bucharest, RO*

Silviya NIKOLOVA, *Medical University – Varna, BG*

Section A: Natural and Synthetic Compounds

- PA1.** Mihaela Carmen EREMIA, Irina LUPESCU, Mariana VLADU, Maria PETRESCU, Gabriela SAVOIU, Amalia STEFANIU, Maria SPIRIDON
STUDIES ON POLY-3-HYDROXYOCTANOATE BIOSYNTHESIS BY A CONSORTIUM OF MICROORGANISMS
- PA2.** Andreea Veronica DEDIU, Ioana Otilia GHINEA, Bianca FURDUI, Rodica Mihaela DINICĂ
ENZYMATIC ACTIVITY OF SOME PLANT EXTRACTS BIOCATALYSTS USED IN CLICK CHEMISTRY REACTIONS
- PA3.** Dorina MANTU, Vasilichia ANTOCI, Violeta VASILACHE, Ionel I. MANGALAGIU
SYNTHESIS, STRUCTURE AND BIOLOGICAL ACTIVITY OF SOME AZINE AND AZOLS DERIVATIVES
- PA4.** Adina CĂȚA, Ioana M.C. IENAȘCU, Cristian TĂNASIE, Mariana N. ȘTEFĂNUȚ
EFFECT OF TWO SYNTHETIC ANTIOXIDANTS ON THE STABILITY OF ANTHOCYANINS IN SOME BERRIES EXTRACTS DURING STORAGE
- PA5.** Olimpia DUMITRIU BUZIA, Oana DRAGOSTIN, Claudia S.STEFAN
THE STUDY OF SOME ACTIVE COMPOUNDS IN THE ESSENTIAL OIL OF LAVANDULA ANGUSTIFOLIA

- PA6.** Ioana M.C. IENĂȘCU, Raluca O. POP, Adina CĂȚA, Mariana N. ȘTEFĂNUȚ, Tiberius BALAEȘ, Cristiana V. PETRE
SYNTHESIS AND CHARACTERIZATION OF SOME NOVEL N-(2-BROMO-PHENYL)-2-HYDROXY-BENZAMIDE DERIVATIVES
- PA7.** Ioana M.C. IENĂȘCU, Tiberius BALAEȘ, Cristiana V. PETRE, Adina CĂȚA, Mariana N. ȘTEFĂNUȚ, Cristian TĂNASIE
ANTIFUNGAL ACTIVITY OF SOME N-(2-BROMO-PHENYL)-2-HYDROXY-BENZAMIDE DERIVATIVES
- PA8.** Sanda VELEA, Mihaela BOMBOS, Gabriel VASILIEVICI, Dorin BOMBOS,
MODIFIED LIGNIN DISPERSANT FOR STABILIZING AQUEOUS SLURRY OF DOLOMITE
- PA9.** Ticuța NEGREANU-PÎRJOL, Florentina RONCEA, Antoanela POPESCU, Carmen Elena LUPU, Bogdan-Ștefan NEGREANU-PÎRJOL
COMPARATIVE ANTIOXIDANT ACTIVITIES OF SOME DERMO-COSMETIC FORMULATIONS BASED ON FLUID INDIGENOUS MEDICINAL PLANT EXTRACTS
- PA10.** Florentina Nicoleta RONCEA, Radu George CAZACINCU, Carmen Elena LUPU, Horatiu MIREȘAN, Adrian Cosmin ROSCA, Cristina STOICA, Valeriu IANCU
RESPONSE SURFACE METHODOLOGY FOR OPTIMIZATION OF MELOXICAM ORODISPERSIBLE TABLETS (ODTs)
- PA11.** Anicuta STOICA-GUZUN, Marta STROESCU, Tanase DOBRE, Gabriela ISOPENCU, Sorin Ion JINGA
ANTIMICROBIAL BACTERIAL CELLULOSE COMPOSITES
- PA12.** Alina NICOLESCU, Ana-Maria MACSIM, Cristina STAVARACHE, Florentina GEORGESCU, Emilian GEORGESCU, Calin DELEANU
NEW PYRROLOBENZIMIDAZOLE AND PYRROLOQUINOXALINE DERIVATIVES
- PA13.** Anca BUDAU, Catalin TUGUI, Mihaela BADEA, Anca DUMBRAVĂ, Rodica OLAR,
INSIGHT ON PHYSICO-CHEMICAL AND BIOLOGIC PROPERTIES OF SOME COMPLEXES BEARING TRIAZOLE DERIVATIVES AS LIGANDS

- PA14.** Alina FUDULU, Mihaela BADEA, Rodica OLAR, Anca DUMBRAVĂ, Mariana Carmen CHIFIRIUC
**NEW BIOLOGIC ACTIVE COMPLEXES WITH
IMIDAZOLE DERIVATIVES**

Section B: Analytical and Environmental Chemistry

- PB1.** Ioana LAZAR, Elena DIACU, Magdalena BUJDUVEANU, Eleonora Mihaela UNGUREANU, George Octavian BUICA
**NEW MODIFIED ELECTRODES BASED ON
FUNCTIONALYSED AZULENES FOR HEAVY METAL
IONS DETECTION**
- PB2.** Luiza ARNOLD, Eleonora Mihaela UNGUREANU, Elena DIACU, George BUICA
**MODIFIED ELECTRODES BASED ON (Z)-5-((5-
ISOPROPYL-3,8-DIMETHYLAZULEN-1-YL)-2-
THIOXOIMIDAZOLIDIN-4-ONE FOR HEAVY METAL
IONS**
- PB3.** Catalina ITICESCU, Lucian GEORGESCU, Gabriel MURARIU, Mihaela TIMOFTI, Maria Catalina TOPA, Adrian BURADA
**VARIATION OF WATER QUALITY INDEX (WQI) AND
PHYSIC-CHEMICAL PARAMETERS IN PRUT RIVER
ALONG GALATI COUNTY**
- PB4.** Maria CIOROI, Simona Claudia ȘTEFAN
**PHYSICAL-CHEMICAL STUDY ON DRINKING WATER
FROM GALATI, BRAILA, BUZAU, FOCSANI AND
CORRELATION WITH THE POPULATION HEALTH**
- PB5.** Adina E. CĂȚA, Marius C. DOBRESCU, Ioana M.C. IENAȘCU, Cristian G. VASZILCSIN, Mariana N. ȘTEFĂNUȚ
**A GC-MS METHOD FOR MONITORING OF SOME
PESTICIDES RESIDUES IN MAIZE AND WHEAT
CULTIVATED IN BANAT COUNTY**
- PB6.** Ionela CARAZEANU POPOVICI, Georgeta VOICU, Alina BADANOIU, Anca Iuliana DUMITRU, Madalin ENE
**CHEMICAL ANALYSIS AND MORPHOLOGICAL
CHARACTERIZATION OF USED THREE-WAY
CATALYSTS**
- PB7.** Gabriela STANCIU, Ioana Adina OANCEA, Elisabeta CHIRILA, Elena OANCEA
**ANALYTICAL CHARACTERISATION OF ORIGINAL
EMULSION FOR COSMETIC USE**

- PB8.** Maria GIOLFAN, Ileana Cornelia FARCASANU, Liliana LUNGU, Claudia-Valentina POPA
POLYPHENOL CONTENT ANALYSIS OF SOME BIOLOGICAL SAMPLES
- PB9.** Alina NICOLESCU, Mihaela BALAN, Romana VULTURAR, Bianca ANDREAICA-SANDICA, Andrei MIU, Calin DELEANU
PILOT STUDY ON NMR DISCRIMINATION FOR DEPRESSION CONDITIONS IN CHILDREN AND ADOLESCENTS
- PB10.** Alina NICOLESCU, Gabriela Liliana AILIESEI, Mihaela CRISTEA, Ana-Maria MACSIM, Alexandru CIOCÂRLAN, Doina DĂNILĂ, Camelia P. ȘTEFANACHE, Calin DELEANU
NMR CHARACTERIZATION OF THE ARNICA MONTANA PLANT
- PB11.** Bogdan SERBAN, Viorel DUMITRU, Mihai BREZEANU, Octavian BUIU
HUMIDITY CHEMIREISISTIVE SENSOR BASED ON CALCONCARBOXYLIC ACID-DOPED PANI
- PB12** Michele PROTTI, Maria Carmen CATAPANO, Angelo E. SBERNA, Stefano GIROTTI, James RUDGE, Laura MERCOLINI
OVERCOMING BIOSAMPLING ISSUES IN SPORT DRUG TESTING: ANABOLIC STEROIDS IN DRIED URINES

The posters will be displayed on May 26, between 12:00 – 16:00, before the posters session.

May 27, 2014

PLENARY LECTURES

9³⁰– 10⁵⁰, “Ovidius” University of Constanta, Senate Hall

Chairpersons:

Eleonora-Mihaela UNGUREANU, Politehnica University of Bucharest, RO

Calin Deleanu, “Costin D. Nenitescu” Centre of Organic Chemistry,
Romanian Academy, Bucharest, RO

PL4. Stefano GIROTTI, Luca FERRARI, Michele PROTTI, Laura
MERCOLINI, Camelia DRAGHICI

**MASSIVE OPEN ON-LINE COURSES IN OPEN
EDUCATIONAL RESOURCES AND E-LEARNING FOR
TOXICOLOGY COURSES**

PL5. Tanase DOBRE

**FROM WHERE TO WHERE IN CHEMICAL
ENGINEERING? EXAMPLES FROM BIOCELLULOSE
SYNTHESIS AND APPLICATIONS**

10⁵⁰ – 11¹⁰ Coffee break

11¹⁰ -12⁰⁰, “Ovidius” University of Constanta, Senate Hall

Doctor Honoris Causa Award Ceremony

ORAL COMUNICATIONS

14¹⁵ – 15⁰⁰, “Ovidius” University of Constanta, S20 Room

D - Petroleum Technology and Management

OD1. Rami DOUKEH, Gabriel VASILIEVICI, Mihaela BOMBOS, Dorin
BOMBOS, Ion BOLOCAN

**RHENIUM INFLUENCE ON THE PERFORMANCE OF
HYDRODESULFURIZATION CATALYST**

OD2. Anca-Iuliana DUMITRU, Ion BOLOCAN, Dorin BOMBOȘ, Mihaela
BOMBOȘ, Gabriel VASILIEVICI, Rami DOUKEH

HYDROCRACKING OF HEAVY COKER GAS OIL OVER

TRIMETALLIC $\gamma\text{Al}_2\text{O}_3$ AND HMS - $\gamma\text{Al}_2\text{O}_3$ SUPPORTED CATALYSTS

F - Open Educational Resources and E-Learning

- OF1.** Silviya NIKOLOVA
UTILIZING E-LEARNING TO BUILD CAPACITY FOR HEALTHCARE PROFESSIONAL EDUCATION IN BULGARIA

POSTERS (II)

15⁰⁰ - 16¹⁵, "Ovidius" University of Constanta, Central Hall

Chairpersons:

Tanase Dobre, Politehnica University of Bucharest, RO
Anca Dumbrava, "Ovidius" University of Constanta, RO

Section C: Physical Chemistry

- PC1.** George-Octavian BUICA, Eleonora-Mihaela UNGUREANU
CHARACTERIZATION OF INTERACTIONS BETWEEN Pb(II) AND Cd(II) IONS AND CHEMICALLY MODIFIED ELECTRODES WITH POLYAZULENE-BASED COMPLEXING FILMS
- PC2.** Amalia STEFANIU, Valeria Gabriela SAVOIU, Irina LUPESCU, Olga IULIAN
COMPUTATIONAL STUDY ON 3D STRUCTURE OF L-ASPARTIC ACID AND L-GLUTAMIC ACID: MOLECULAR DESCRIPTORS AND PROPERTIES
- PC3.** Doinița-Roxana CIOROIU, Oana Cristina PÂRVULESCU, Rodica ANGHEL, Claudia Irina KONCSAG, Tănase DOBRE
RHEOLOGICAL BEHAVIOR OF SUSPENSIONS MADE UP OF ALGAE FROM THE BLACK SEA
- PC4.** Irina NITA, Olga IULIAN, Elis GEACAI, Sibel OSMAN
DISTILLATION CURVES OF GASOLINE + ALCOHOLS BLENDS

- PC5. Irina NITA, Olga IULIAN, Elis GEACAI, Sibel OSMAN
STUDY OF DENSITY AND VISCOSITY VARIATION OF DIESEL FUEL BLENDS WITH *n*-BUTANOL
- PC6. Irina NITA, Olga IULIAN, Sibel OSMAN, Georgiana Raluca STOICA, Alexandra Ramona POPESCU
CORRELATIONS FOR REFRACTIVE INDEX OF DIESEL FUEL+*n*-BUTANOL MIXTURES
- PC7. Claudia Simona STEFAN, Maria CIOROI, Elena Lacramioara LISA, Oana DRAGOSTIN, Olimpia BUZIA
THE GREAT SOLUBILITY OF BENZOIC ACID IN A PURE IONIC LIQUID AND THEIR BINARY AQUEOUS MIXTURES
- PC8. Mariana VOICESCU, Sorana IONESCU, Cristina L. NISTOR
FLUORESCENCE CHARACTERISTICS OF 3, 6-di HYDROXYFLAVONE ON PEG - COATED SILVER NANOPARTICLES
- PC9. Viorica POPESCU, Alina SOCEANU, Simona DOBRINAS, François CONSTANTIN
KINETICS OF CATALASE INACTIVATION
- PC10. Ionela CARAZEANU POPOVICI, Ichinur OMER, Gabriel PRODAN
LEAD REMOVAL FROM AQUEOUS MEDIA USING MICROPOROUS SODIUM TITANOSILICATE SYNTHESIZED BY SOL-GEL METHOD: KINETICS AND ISOTHERM STUDIES

Section D: Petroleum Technology and Management

- PD1. Irina NITA, Claudia LEGANATU
INFLUENCE OF DIESEL FUEL FLOW FROM THE ATMOSPHERIC DISTILLATION COLUMN ON DIESEL FUEL PROPERTIES
- PD2. Timur CHIS
MULTI-OBJECTIV PLANNING OF THE PETROLEUM PRODUCT TRANSPORTATION IN A SINGLE PIPELINE SYSTEM
- PD3. Timur CHIS
OPTIMISATION OF PIPELINE CRUDE OIL NETWORK WITH GENETIC ALGORITHM

- PD4.** Mihaela BRÂNZEI, Olga Valerica ȚAGA (SĂPUNARU),
Claudia Irina KONCSAG
**INFLUENCE OF AZEOTROPY ON THE
ETHERIFICATION IN SITU OF FCC GASOLINE**
- PD5.** Dorin BOMBOS, Sanda VELEA, Mihaela BOMBOS, Daniela
POPOVICI, Raluca DRAGOMIR, Gabriel VASILIEVICI, Paul
ROSCA
**HYDROGENATION OF FURFURAL DERIVATES FOR
GASOLINE OXIGENATES COMPONENTS**
- PD6.** Sanda GEAMBAȘU, Gheorghe Alexandru RADU
**RESEARCH ON DETERMINING THE PARAMETERS
OF THE COMBUSTION PROCESS TO A C.I.D.I.
ENGINE POWERED BY DIESEL FUEL BLEND WITH
BIODIESEL AND ETHANOL**
- PD7.** Viorel IONESCU
**GEOMETRY OPTIMISATION OF A THERMO-
PHOTOVOLTAIC SYSTEM USING THE FINITE
ELEMENT METHOD**

Section E: Food Chemistry and Engineering

- PE1.** Nicola MARCHETTI, Gianpiero BONETTI, Giuseppe Meca,
Jordi Mañes, Paola TEDESCHI, Annalisa MAIETTI, Caterina
BERGANTIN, Edison VASQUEZ CORALES, Luisa PASTI,
Alberto CAVAZZINI, Vincenzo BRANDOLINI
**INTAKE AND BIOACCESSIBILITY OF LUTEIN AND
 β -CAROTENE FROM NETTLE ENRICHED FOODS**
- PE2.** Emanuele MORGANTI, Luca BOLELLI, Giuseppe NOVELLI,
Chris FREEMAN, Stefano GIROTTI
**ALKALINE WATER BETTER THAN PLAIN WATER ?
A CRITICAL REVIEW**
- PE3.** Gherghina ZINCA, Rodica DINICA, Camelia VIZIREANU
**QUALITATIVE INVESTIGATION OF ALFALFA
SPROUTS**
- PE4.** Stanislava GEORGIEVA, Mona STANCHEVA, Lubomir
MAKEDONSKI, Rositsa STANCHEVA
**INVESTIGATION ABOUT THE PRESENCE OF
ORGANOCHLORINE POLLUTANTS IN MUSSELS
FROM BLACK SEA, BULGARIA**

- PE5.** Albena MERDZHANOVA, Diana A. DOBREVA, Stanislava GEORGIEVA, Mona STANCHEVA
NUTRITIONAL EVALUATION OF AQUACULTURE MUSSEL (*M. GALLOPROVINCIALIS*) FROM BLACK SEA, BULGARIA
- PE6.** Simona DOBRINAS, Semaghiul BIRGHILA, Viorica POPESCU, Alina SOCEANU, Gina MARTIN
THE CORRELATION BETWEEN ANTIOXIDANTS AND MINERAL EXTRACTABILITY OF TEA PLANT INFUSIONS
- PE7.** Antoanela POPESCU, Nicoleta MATEI, Daniela CUCU, Gabriel-Lucian RADU
CONTENTS OF POLYPHENOLS IN NATURAL COMMERCIAL FRUIT JUICE
- PE8.** Alina SOCEANU, Viorica POPESCU, Simona DOBRINAS, Irina RAILEANU
INFLUENCE OF FOOD EMULSIFIERS ON EMULSIONS STABILITY
- PE9.** Anisoara-Arleziana NEAGU
VARIATION OF PHYSICO-CHEMICAL PROPERTIES OF VEGETABLE OILS DURING STORAGE

The posters will be displayed on May 27, between 12:00 – 14:30, before the posters session.