



1st INTERNATIONAL U.O.C. – B.EN.A. – CONFERENCE
„The Sustainability of Pharmaceutical, Medical and Ecological Education and Research
– SPHAMEER – 2013”

„Ovidius” University of Constanța, Romania
Faculty of Pharmacy and Faculty of Natural Sciences and Agricultural Sciences
Balkan Environmental Association -B.EN.A.
International Center of Pharmaceutical and Medical Education and Research – PHAMED
International Center for Ecological Management of Wetlands and Protected Areas
European Environmental Association (EEA)
Natural Sciences Museum Complex -Dolphinarium of Constanța, Romania
Metropolitan Municipality of Constanța, Romania

UNDER ROMANIAN ACADEMY AUSPICES

PROGRAM

1st INTERNATIONAL U.O.C. – B.EN.A. - CONFERENCE
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June 20-23, 2013
Constanța, Romania



Ovidius University Press

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UNDER THE AUSPICY OF
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PRESIDENT OF ROMANIAN ACADEMY

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Conference Chairwomen

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Dean of the Faculty of Pharmacy

Assoc. prof. Dr. Liliana Panaitescu
Dean of the Faculty of Natural Sciences and Agricultural Sciences

**1st INTERNATIONAL U.O.C. – B.EN.A. – CONFERENCE
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CONFERENCE PROGRAM GENERAL SCHEDULE

THURSDAY, 20.06.2013

17.00-18.30 - Receiving and registration of the participants - Conference Hall, 1, University Alley, Campus, Building B

19.00 - Welcome Cocktail – Conference Hall, Campus, Building B

FRIDAY, 21.06.2013

8.30-9.30 - Registration of the participants - Conference Hall, 1, University Alley, Campus, Building B

9.30-10.30- Official Opening Ceremony of the Conference-Amphitheatre A1, Campus, Building B

- Solemn Celebration of the 20th Anniversary of the Faculty of Pharmacy
- Special B.EN.A. Award of “Diploma of Excellency” to long time support of BENA:
 - Mr. Decebal Făgădău (Vice-Mayor of Metropolitan Municipality of Constanța)
 - Mr. Georgios Vatistas (TOMINI TRADING SRL.), and Mr. Stephanos Krommidas (TITAN S.A.)

10.30-10.45 - Coffee break & PRESS CONFERENCE

10.45-12.15 - PLENARY SESSION

12.15-12.30 - Break

12.30-13.30 - Oral Presentations – Parallel Sessions (Section I - Amphitheatre A1, Campus, Building B, Section IV- Amphitheatre A3, Campus, Building B)

13.30- 15.00 - Lunch

15.00-16.45 - Oral Presentations – Parallel Sessions (Section I - Amphitheatre A1, Section II – Room E113, Campus, Building B, Section III – Room P20, Campus, Building B, Section IV- Amphitheatre A3, Campus, Building B)

16.30-16.45 - Coffee break & Company Presentations

**16.45-18.30 - Oral Presentations – Parallel Sessions (Section II –
Room E113, Campus, Building B, Section III - Room P20,
Campus, Building B, Section IV- Amphitheatre A3,
Campus, Building B)**

20.00- Dinner

SATURDAY, 22.06.2013

**9.30-10.45 - Oral Presentations – Parallel Sessions (Section VI -
Amphitheatre A1, Campus, Building B, Section V -
Amphitheatre A3, Campus, Building B)**

10.45-11.00 - Coffee break

**11.00-13.30 - Oral Presentations – Parallel Sessions (Section V -
Amphitheatre A3, Campus, Building B, Sections VI, IV-
Amphitheatre A1, Campus, Building B)**

12.30-13.30 - Posters Session – Conference Hall – Campus, Building B
*The posters will be displayed on Saturday 22.06.2013, between
9.30-12.30, before the posters session.*

13.30-15.00 - Lunch

15.00-16.00 - Posters Session – Conference Hall – Campus, Building B

16.00-16.30 - Break

**16.30 -17.00 - Posters Award & Closing Ceremony of the Conference,
Amphitheatre A1, Campus, Building B**

**17.00-19.00 - CONFERENCE CULTURAL EVENT: "Visit to Natural
Sciences Museum Complex" – Cocktail Reception**

20.30 - Official Dinner – Florida Restaurant, Mamaia Resort

SUNDAY, 23.06.2013

Departure of the participants

FRIDAY, 21.06.2013

Plenary Session
Amphitheatre A1, Campus, Building B

Chairpersons: - *F. Vosniakos, R. Sîrbu, L. Panaitescu*

- 10.45-11.05 ASSESSMENT OF DANGEROUS RADIATIONS INDOOR AND OUTDOOR – IMPACT ON THE PUBLIC HEALTH**
Fokion Vosniakos, Evangelia Serafeimidou, Alkiviadis Bais
- 11.05-11.35 BRIDGING BORDERS & BOUNDARIES: TRANSDISCIPLINARY INTERNATIONAL EDUCATION IN SUSTAINABLE DEVELOPMENT**
Timothy Ehlinger, Mirela Bucur, Lucica Tofan
- 11.35-11.55 GREEN INFRASTRUCTURE CONCEPT – How Green Is Green Enough?**
Caner Zanbak
- 11.55-12.15 PHAR-QA QUALITY ASSURANCE - ERASMUS PROJECT. STATISTICAL METHODS IN GAUGING EFFECTIVENESS OF QUALITY ASSURANCE**
Constantin Mircioiu, Jeffrey Atkinson, Cristina Rais
- 12.15-12.30 BREAK**

Orals - Sections I
Pharmaceutical Sciences and New Pharmaceutical Resources
Amphitheatre A1, Campus, Building B

Chairpersons: - *T. Albanis, C. Sava, C. Zanbak*

- 12.30-12.45 VALORISATION OF THE DISINFECTION POTENTIAL OF THE COLLOIDAL SILVER IN THE DRINKING WATER FIELD AS A NEW PHARMACEUTICAL RESOURCE**
Gabriela Vlăsceanu, Stefan Manea, Ion Alexandru Cristian, Marosy Zoltán
- 12.45-13.00 RECOVERY OF ECOLOGICAL BY-PRODUCTS FROM FOOD INDUSTRY FOR NEW NUTRITIONAL FOODS WITH SUPERIOR PROPERTIES**
Ştefan Manea, Viorica Tamaş, Andreea Cozea, Mihaela Neagu, Natalita Bordei, Ionescu Florian, Georgiana-Oana Cracea

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- 13.00-13.15 QUO VADIS MEDICAMENTO?**
Cosmin Roșca, Horațiu Mireșan, Rodica Sîrbu, Daniel Enache,
Florentina Roncea
- 13.15-13.30 ORGANIC SYNTHESIS OF THE PHARMACEUTICALS
WITH CRYSTALLIZATION AND DETERMINING OF THE
MORPHOLOGICAL CHARACTERISTICS OF
FEXOFENADINE-HYDROCHLORIDE**
Božo Banjanin, Rade Biočanin, Sonja Stefanov
- 13.30-13.45 20th YEARS OF EXCELLENCE IN DRUG FIELD**
S.C Magistra C&C
- 13.45-15.00 LUNCH**
- Chairpersons: - J. Neamțu, R. Sirbu, D. E. Dumitrescu***
- 15.00-15.15 CURRENT SITUATION OF SOFT DRUGS IN EUROPE.
POLICY, LEGISLATION AND EMERGING TRENDS**
Cristina-Luiza Erimia, Horațiu Mireșan, Stelian Paris, Dan Vătăman
- 15.15-15.30 THE PHARMACEUTICAL MARKET - ECONOMIC
PARADOXES**
Margaritti Doina, Epure Dănuț Tiberius
- 15.30-15.45 PHARMACEUTICAL AND LEGISLATIVE ASPECTS OF
HOMEOPATHIC DRUG**
Horatiu Miresan, Cosmin Rosca, Rodica Sirbu, Cristina Erimia,
Stelian Paris, Florentina Roncea
- 15.45-16.00 DYSLIPIDEMIAS AND VIRAL HEPATITIS C**
Sirma Tomoș, Doina Margaritti, Stelian Paris, Dragoș Doicescu
- 16.00-16.15 PRIMARY OUTCOMES OF THE METHOTREXATE
TREATMENT ACCORDING TO THE INITIAL VALUE OF
HCG HORMONE IN ECTOPIC PREGNANCY**
Aneta Tomescu, Rodica Sîrbu, Gabriela Stanciu, Cezar Laurentiu
Tomescu
- 16.15-16.30 ZIR-FOS, EXPERT IN RESTORING INTESTINAL FLORA**
Melat Cherim
- 16. 30-16.45 COFFEE BREAK**

Orals – Section II
Public Health and Environmental Medicine – Food Safety
Room E113, Campus, Building B

Chairpersons : - C. Mircioiu, T. Negreanu Pîrjol, S. Paris

- 15.00-15.30 KEY NOTE LECTURE: PRESENCE OF BENTHIC MARINE LITTER IN THE EASTERN MEDITERRANEAN: PRELIMINARY RESULTS**

Christos Ioakeimidis, Christina Zeri, Heleni Kaberi, Nikolaos Streftaris, Konstantinos Antoniadis, Evangelos Papathanassiou, Georgios Papatheodorou

- 15.30-15.45 DETERMINE OF CONCENTRATION OF THE IODINE IN HOUSEHOLD SALT IN ALBANIA**

Mema (Kadiu) Enkeleda, Nurie Guri, Jolanda Hyskaj

- 15.45-16.00 SCREENING TEST OF INDIVIDUAL SENSITIVITY TO ENVIRONMENTAL CHLOROFORM CONCENTRATIONS**

Daniela Ciorba, Alexandru Tătaru, Mirela Moldovan

- 16.00-16.15 TRACEABILITY AND RAPID ALERT SYSTEM FOR FOOD AND FEED –METHODS OF CRITICAL INFRASTRUCTURE PROTECTION IN THE FOOD INDUSTRY**

Dorin Valter Enache, Cristina Maria Canja, Lăcrămioara Petriu

- 16.15-16.30 SAPROPELIC MUD – THERAPEUTIC ELEMENT IN ALGIC POSTTRAUMATIC SYNDROME**

Gabriela Lilius, Sibel Demirgian, Camelia Vatafu, Laura Bucur, Gheorghe Tarâlunge

- 16. 30-16.45 COFFEE BREAK**

Chairpersons : - F. N. Roncea, H. Mireşan, A. Tomescu

- 16. 45-17.00 ECHINOCOCCOSIS IN THE COUNTY OF CONSTANTA TREATMENT OF HIDATIC LIVER DISEASE**

Dragoş Doicescu, Iulian Bratu, Sirma Tomş, Stelian Paris

- 17.00-17.15 OPTIMIZING THE CONTENT OF ESSENTIAL AMINO ACIDS IN EDIBLE FLOURS OBTAINED FROM CEREALS AND LEGUMINOUS GREEN**

Steluta Radu

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17.15-17.30 THE MANAGEMENT OF MONITORISING OF WATER QUALITY IN CONSTANTA COUNTY

Stelian Paris, Horațiu Mireșan, Doina Margaritti, Dănuț Tiberius Epure, Gabriela Stanciu, Erimia Cristina-Luiza

17.30-17.45 PILOT-STUDY OF THE MOST FREQUENT HEALTH DISORDERS AMONG ADULTS OF NIS

Milica Savic

17.45-18.00 TOXOCARIASIS AMONG CHILDREN DIAGNOSED WITH ASTHMA, RECURRENT WHEEZING AND ATOPY

Ramona Stoicescu, Cristina Mihai, Dragoș Doicescu, Simona Claudia Cambrea, Stela Halichidis, Oana Arghir

18.00-18.15 DISCUSSIONS

20.00 DINNER

Orals - Section III
Environmental and Public Awareness
Room P20, Campus, Building B

Chairpersons: - L. Tofan, G. Tegos, S. Halichidis

15.00-15.15 NETWORK ENVIRONMENTAL GOVERNANCE IN THE EU AS A FRAMEWORK FOR TRANS-BOUNDARY STURGEON PROTECTION AND CROSS-BORDER SUSTAINABLE MANAGEMENT

Lucica Tofan, Timothy Ehlinger, Mariana Golumbeanu, Ana Maria Munteanu

15.15-15.30 THE URBANISM POLICY. PUBLIC HEALTH AND THE SOCIAL FUNCTION OF THE PARKS

Carmen-Mariana Mihalache

15.30-15.45 THE IMPACT OF PRECIPITATION VARIABILITY ON THE HYDROLOGICAL REGIME OF THE TAIȚA RIVER WATERSHED, DOBROGEA, ROMANIA

Cornelia Urdea, Dacian Teodorescu, Marius Popescu

15.45-16.00 POSSIBLE SCENARIOS FOR ACHIVING THE GOAL 20/20/20 IN FYR-MACEDONIA

Dame Dimitrovski, Katica Belchevska, Done Tashevski, Mihail Kocubovski

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- 16.00 16.15 PROGNOSSES OF SEA-FISH SPECIES CATCHES IN GREECE IN BIOLOGICAL AND BIODIVERSITY RISK**
Georgios Tegos, Kolyo Onkov
- 16.15-16.30 ASPECTS REGARDING USE OF BEST PRACTICES TO RAISE AWARENESS ON WETLAND RESTORATION ACTIVITIES**
Mircea Sevestel, Petrescu Nicolae
- 16.30-16.45 COFFEE BREAK**
- 16.45-17.00 LIMESTONE QUARRIES - ENVIRONMENTAL EXTERNALITIES AFFECTING THE DYNAMICS OF MOUNTAIN LANDSCAPE. CASE STUDY: MOUNT MATEIAŞ**
Gabriela Manea, Elena Matei, Adrian Tiscovschi, Laura Tirla, Iuliana Vijulie, Octavian Cocos
- 17.00-17.15 ENVIRONMENTAL RISK FACTORS OF AH1N1 INFLUENZA AMONG PATIENTS YOUNGER THAN 18 YEARS OLD IN SOUTH EASTERN ROMANIA**
Simona Claudia Cambrea, Stela Halichidis, Cristina Maria Mihai, Dalia Sorina Carp, Ramona Stoicescu, Oana Cristina Arghir
- 17.15-17.30 DISCUSSIONS**
- 20.00 DINNER**

Orals - Section IV
Environmental Pollution (Air - Water - Soil)
Amphitheatre A3, Campus, Building B

Chairpersons: - T. Ehlinger, I. Moise, A. Nebbioso

- 12.30-13.00 KEY NOTE LECTURE: OCCURRENCE OF PESTICIDE PERSISTENT IN AMVRAKIKOS GULF – N.W. GREECE**
Albanis Triantafyllos, G. Karras, G. Patakioutas G. Gizas
- 13.00-13.15 REMEDIATION OF HIGHLY CONTAMINATED SOILS BY COMBINING EXOGENEOUS HUMIC SUBSTANCES AND OXIDATIVE BIOMIMETIC CATALYSIS**
Alessandro Piccolo, Antonio Nebbioso

13.15-13.30 HIGH RESOLUTION MS FOR SCREENING OF PHARMACEUTICALS AND FUNGICIDES RESIDUE IN ENVIRONMENTAL SAMPLES

Carmen Lidia Chitescu, Efraim Oosterink, Jacob de Jong, Alida Adriana Maria (Linda) Stolker

13.30-15.00 LUNCH

Chairpersons: - G. Deak, M. Popa, I. Jovanoski

15.00-15.15 URBAN AIR POLLUTION WITH PARTICULATE MATTER; DISTRIBUTION OF DIMENSIONAL FRACTIONS AND CHEMICAL SPECIATION

Elena Bucur, Andrei Vasile, Mihaela Petrescu

15.15-15.30 DIRECT FLUORIMETRIC ANALYSIS OF NAPHTHALENE USED AS MOTH REPELLENT IN HOMES

S.T. Kalkan, N. Aksuner, E. Henden

15.30-15.45 QUALITY OF THE EXCESS SEWAGE SLUDGE FROM MUNICIPAL WASTEWATER TREATMENT PLANTS, POSIBILITIES FOR USE AND DISPOSAL IN R. MACEDONIA

Ilijcho Jovanoski, Zoran Markov, Dame Dimitrovski, Mihail Kochubovski

15.45-16.00 ENERGY AND ECOLOGY BENEFITS OF INDEPENDENT SOFC/GAS TURBINE CO-GENERATION POWER PLANT ON NATURAL GAS

Done Tashevski, Dame Dimitrovski, Zoran Markov, Igor Shesho

16.00-16.15 REGULATION OF CONCENTRATION OF CHEMICAL SUBSTANCES INCLUDING HAZARDOUS ONES – A SCIENTIFIC CHALLENGE

Georgeta Madalina Arama

16.15-16.30 POLLUTION PREDICTION METHODOLOGY FOR SITE IMPACT/RISK ASSESSMENT USING ROUGH SET THORY

Georgeta Madalina Aramă

16.30-16.45 COFEE BREAK

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- 16.45-17.00 ARTIFICIAL NEURAL NETWORKS FORECASTING OF THE PM10 QUANTITY IN LONDON CONSIDERING THE HARWELL AND ROCHESTER STOKE PM10 MEASUREMENTS**
Marius Popescu, Constantin Ilie, Liliana Panaitescu, Margareta Ilie, Marius-Laurențiu Lungu, Dumitrela Lungu
- 17.00-17.15 SMOKING BEHAVIOUR AMONG TEENAGERS IN TWO NORTHERN WEST ROMANIAN CITIES**
Milena Adina Man, Alexandra Blaga, Antigona Trofor, Camelia Ciobotaru, Simona Claudia Cambrea, Ramona Stoicescu, Oana Cristina Arghir
- 17.15-17.30 ANTIBIOTIC RESISTANCE PROFILE OF THE MICROORGANISMS FROM DANUBE DELTA**
Alina Catranguiu, Daniela Niculescu, Irina Lucaciu, Carmen Chifiriuc, Grigore Mihaescu
- 17.30-17.45 ENVIRONMENTAL IMPACT OF OIL DRILLING ACTIVITIES ON MARINE ECOLOGICAL RESOURCES ALONG THE ROMANIAN BLACK SEA COAST**
Madalina Cristea, Liviu-Daniel Galațchi, Magda Nenciu
- 17.45-18.00 THE IMPACT OF CARBON BLACK ON THE CHARACTERISTICS AND BIODIVERSITY OF SOILS FROM COPŞA MICĂ – ROMANIA**
Daniela Răducu, M. Dumitru, Camelia Grigore
- 18.00-18.15 HEAVY METALS RECOVERING SEPARATION BY ION FLOTATION FROM LIQUID MEDIA**
Ligia Stoica, Constantin Carolina
- 18.15-18.30 DISCUSSIONS**
- 20.00 DINNER**

SATURDAY, 22.06.2013

Orals - Section V
Sustainable Development: Agriculture, Energy, Economy,
Education and Training
Amphitheatre A3, Campus, Building B

Chairpersons: - M. Golumbeanu, A. Amann, C. Constantin

- 9.30-9.45 SUSTAINABLE DEVELOPMENT ROMANIAN ECONOMY AND REGIONAL DEVELOPMENT POLICY**
Calin-Adrian Comes, Daniel Stefan, Beatrice Stefan, Moreno Res, Paul Vasile Bresfelean
- 9.45-10.00 RESEARCHES ON THE IMPACT OF AGRICULTURAL PRODUCTS FROM MYCOTOXINS VEGETABLE ON CONSUMER HEALTH**
Roxana Androne, Rosca Ioan
- 10.00-10.15 INFLUENCE OF FERTILIZERS ON THE LEVEL AND QUALITY OF SOYBEAN PRODUCTION**
Razvan Daniel Cotianu, Georgeta Caretu
- 10.15-10.30 PUBLIC PRIVATE PARTNERSHIPS AS REAL OPTIONS. THE GOVERNMENT PERSPECTIVE**
Daniel Stefan, Beatrice Stefan, Calin-Adrian Comes, Paul Vasile Bresfelean, Moreno Res
- 10.30-10.45 BALKAN COUNTRIES FORECAST AND OUTLOOK FOR ENVIRONMENTAL TAX REVENUES**
Gabriela-Mihaela Paraschiv, Simona Mașcu, Cristina Steliană Ciote, Daniel Lipară
- 10.45-11.00 COFFEE BREAK**
- 11.00.11.30 KEY NOTE LECTURE: BREATH ANALYSIS AS A NEW TOOL FOR ASSESSMENT OF DISEASE AND FOR THERAPEUTICAL MONITORING**
Amman Anton

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- 11.30-11.45 THE MODERN APPROACH TO THE PHENOMENON OF DROUGHT AND ARIDITY IN CENTRAL AND SOUTH DOBROUDJA**
Liliana Panaitescu, Constantin Ilie, Marius-Laurentiu Lungu, Dumitrela Lungu, Marius Popescu, Simona Niță
- 11.45-12.00 WHEAT RESISTANCE ANALYSIS IN THE ASPECT OF ENERGY CONSUMPTION IN THE GRINDING PROCESS**
Mirabela Lupu, Cristina Canja, Vasile Pădureanu
- 12.00-12.15 ENERGY EFFICIENCY AND TECHNOLOGICAL DISCIPLINE VIA ERP-PCS INTEGRATION. CASE STUDY - THE COSMETICS INDUSTRY**
Moreno Res, Paul Vasile Bresfelean, Calin-Adrian Comes, Daniel Stefan, Beatrice Stefan
- 12.00-12.15 MEANS FOR EFFICIENT VALORIZATION OF BY-PRODUCTS IN THE BIODIESEL PROCESSING**
Nicolae Sdrula, Cristina Ţerbănescu, Ion Frasineanu
- 12.30-12.45 CROP TECHNOLOGY INFLUENCE AND IRRIGATION AND GENOTYPE ON ECONOMICAL EFFICIENTCY ON CORN CROP**
Oana Alina Nitu, Andrei Alexandru Ionita, Daniel Sorin Nitu
- 12.45-13.00 ORGANIZATIONAL CHARACTERISTICS OF THE UNION OF AGRICULTURAL COOPERATIVES: THE CASE OF NORTHERN GREECE**
Panagiota Sergaki, Stamatios Aggelopoulos, A. Pavloudi, Ioannis Tanos
- 13.00-13.15 VALORIZICATION OF TREATED WASTEWATER BY A TREATMENT PLANT IN AGRICULTURE**
Vasilica Dăescu, Maria Cristina Ene, Elena Holban, György Deák, Ioan Veronel Bălănescu, Simona Georgiana Tănase
- 13.15-13.30 DISCUSSIONS**
- 13.30-15.00 LUNCH**

Orals - Section VI
Marine Environment - Coastal Zone Management –Tourism
Orals - Section IV
Environmental Pollution (Air - Water - Soil)
Amphitheatre A1, Campus Building B

Chairpersons: - S. Nicolaev, E. Papathanasiou, T. Zaharia

- 9.30-10.00 KEY NOTE LECTURE: CURRENT STATE OF THE ROMANIAN BLACK SEA ENVIRONMENT**
Simion Nicolaev, Laura Alexandrov, Laura Boicenco, Valentina Coatu, Danut Diaconeasa, Camelia Dumitache, Mariana Golumbeanu, Oana Marin, Luminita Lazar, Viorel Malciu, Razvan Mateescu, Volodea Maximov, Dragos Micu, Emanuela Mihailov, Magda Nenciu, Victor Nita, Andra Oros, Alina Spînu, Elena Stoica, Cristina Tabarcea, Florin Timofte, Daniela Tigănuș, Tania Zaharia
- 10.00-10.15 THE EVALUATION OF INVERTEBRATES STRUCTURAL COMMUNITIES CHANGES IN THE SHALLOW WATERS FROM AGIGEA-EFORIE NORD AREA AND THEIR IMPACT OVER THE TROPHIC CHAIN OF THE GOBIIDAE (PISCES)**
Elena Bisiniciu, Gabriela-Mihaela Paraschiv
- 10.15-10.30 EDUCATIONAL TOOL FOR INTEGRATED COASTAL ZONE MANAGEMENT**
Mariana Golumbeanu, Simion Nicolaev, Fokion K. Vosniakos, Lucica Tofan, Magda Nenciu, Madalina Cristea
- 10.30-10.45 IDENTIFYING THE MAJOR THREATS SEAHORSES ARE FACING AT THE ROMANIAN COAST**
Magda Nenciu, Daniela Roșioru, Naliana Lupașcu, Natalia Roșoiu
- 10.45-11.00 COFFEE BREAK**
- 11.00-11.15 THE MATHEMATICAL MODELING OF HOW PARAMETERS INFLUENCES THE MARINE CLIMATIC INDEX IN ORDER TO ESTABLISH THE TOURISM'S FAVORABILITY FOR THE MAMAIA RESORT (ROMANIA)**
Marius-Laurențiu Lungu, Constantin Ilie, Liliana Panaiteescu, Margareta Ilie, Dumitrela Lungu, Marius Popescu

1st INTERNATIONAL U.O.C. – B.EN.A. – CONFERENCE
„The Sustainability of Pharmaceutical, Medical and Ecological Education and Research
– SPHAMEER – 2013”

- 11.15-11.30 THE IMPORTANCE FOR THE ROMANIAN COAST OF THE EU DIRECTIVE REGARDING THE ESTABLISHING A FRAMEWORK FOR MARITIME SPATIAL PLANNING AND INTEGRATED COASTAL MANAGEMENT**
Laura Alexandrov, Simion Nicolaev, Mariana Golumbeanu,
Gheorghe Radu, Iulian Nichersu, Alina Spînu, Razvan Mateescu
- 11.30.-11.45 PARASITE INFESTATION OF FISH IN THE MARINE ZONE OF THE DANUBE DELTA BIOSPHERE RESERVE (ROSCI0066) – INFLUENCE ON THE CONSERVATION STATE**
Aurelia Totoiu, Tania Zaharia, Elena Dumitrescu, Valodia Maximov,
Magda Nenciu
- 11.45-12.00 MONITORING LAND USE/COVER CHANGE IN THE COASTAL ZONE OF SEFERIHISAR DISTRICT, IZMIR**
Nurdan Erdogan, Seyma Sengur, Umit Erdem
- 12.00-12.15 THE USE OF *ALLIUM CEPA* L. ASSAY FOR TOXICITY BIOMONITORING OF HOSPITAL EFFLUENTS IN SHKODRA CITY (ALBANIA)**
Anila Mesi (Dizdari), Ditika Kopliku
- 12.15-12.30 POTENTIAL TOXICITY INVESTIGATION OF CUPPER-DOPED RIVER WATER OF NËN-SHKODRA LOWLAND (ALBANIA) ON A PLANT BIO-TEST**
Ditika Kopliku, Anila Mesi (Dizdari)
- 12.30-12.45 DISCUSSIONS**
- 12.30-13.30 POSTERS SESSION - Conference Hall, Campus, Building B**
- 13.30-15.00 LUNCH**
- 15.00-16.00 POSTERS SESSION - Conference Hall, Campus, Building B**
- 16.00-16.30 BREAK**
- 16.30-17.00 POSTERS AWARD & CLOSING CEREMONY , Amphitheatre A1, Campus, Building B**
- 17.00-19.00 CONFERENCE CULTURAL EVENT: "Visit to Natural Sciences Museum Complex" – Cocktail Reception**
- 20.30 OFFICIAL DINNER- Florida Restaurant, Mamaia Resort**

SATURDAY, 22.06.2013
POSTERS SESSION
Conference Hall, Campus, Building B

*The posters will be displayed on Saturday 22.06.2013, between 9.30-12.30,
before the posters session.*

Posters - Section I
Pharmaceutical Sciences and New Pharmaceutical Resources

Chairpersons: - C. Mircioiu, S. Tomoş, S. Paris

- P1 PHYTOTOXICITY EVALUATION OF SOME DIBROMINATED CINNAMIC ACID DERIVATIVES USING THE PHASEOLUS TEST**
Alexandra Jităreanu, Camelia Ifrim, Gabriela Tătărîngă, Ana-Maria Zbancioc, Ursula Stănescu
- P2 DETERMINATION UV SPECTROPHOTOMETRIC OF ENALAPRIL MALEATE**
Simona Gherman, Daniela Zavastin, Adrian Spac, Vasile Dorneanu
- P3 POSSIBILITES FOR VALORIFICATION A TYPE I FIBRILLAR COLLAGEN OF MARINE WASTE**
Melat Cherim, Rodica Sîrbu, Naliana Lupaşcu
- P4 PUBLIC HEALTH AND THE DECRIMINALIZATION OF SOFT DRUGS IN ROMANIA**
Cristina-Luiza Erimia, Rodica Sîrbu, Paris Stelian, Dan Vătăman
- P5 STUDY OF THE LIVER METABOLIC ACTIVATION OF SOME PLANT PHENOLIC COMPOUNDS**
Iliya Jelev, Stanimira Vasileva, Yana Koleva, Svetlana Georgieva
- P6 MODIFIED CELLULOSE FIBER IN A FORM BANDAGES WITH THE BOUND CEFAZOLIN AND ITS RELATED ANTIMICROBIAL PROPERTIES**
Pero Sailovic, Branka Rodic Grabovac, Borislav Malinovic, Darko Bodroza, Miodrag Jazic
- P7 ANTIHYPOXIC ACTIVITY OF S CONTAINING CAFFEINE DERIVATIVES WITH AMIDE STRUCTURE**
Javor Ivanov Mitkov, Maya Boyanova Georgieva, Alexander Borisov Zlatkov, Nikolai Damyanov Danchev

- P8 A PHARMAECONOMICAL STUDY REGARDING COST TREATMENT FOR HYPERTENSIVE CARDIOMYOPATHY AND OTHER COMPLICATIONS**
Doina Margaritti, Dănuț Tiberius Epure, Sirma Tomoș
- P9 NEW 3d AND 4f METAL COMPLEXES WITH AROMATIC BIGUANIDE DERIVATIVES AS POTENTIAL ANTIMICROBIAL AGENTS**
Ticuța Negreanu-Pîrjol, Bogdan-Ştefan Negreanu-Pîrjol, Rodica Sîrbu, Gabriela Stanciu, Carmen Lupu, Elena Gorun, Cornelia Gurău
- P10 PREDICTION OF TOXICITY EFFECTS AND ENVIRONMENTAL PERSISTENCE OF AMIDE DERIVATIVES OF CAFFÉINE-8-THIOGLYCOLIC ACID**
Yana Koleva, Svetlana Georgieva, Javor Mitkov, Maya Georgieva, Alexander Zlatkov
- P11 STUDY ON THE POSSIBLE GASTROPROTECTIVE EFFECT OF TRIBULUS TERRESTRIS EXTRACT IN EXPERIMENTALLY INDUCED ULCERS WITH INDOMETHACIN ON WISTAR RATS**
Stelian Șchiopu, Marius- Daniel Radu
- P12 OXIDATIVE RESPONSE OF THE BLUE MUSSEL FOLLOWING EXPOSURE TO SOME THIAZOLYL-THIAZOLO-TRIAZOLES**
Horațiu Mireșan, Cosmin Roșca, Valentin Zaharia, Mihaela Bratu, Rodica Sîrbu, Virginica Schröder, Stelian Paris, Florentina Roncea
- P13 COPROCESSED EXCIPIENTS USED IN AINS ORALLY DISINTEGRATING TABLETS DEVELOPMENT**
Florentina Roncea, Horațiu Mireșan, Radu George Cazacincu, Rodica Sîrbu, Antonela Popescu, Cristina Danaila, Valeriu Iancu, Cosmin Roșca
- P14 THE EVALUATION OF THE WINES ANTIOXIDANT ACTIVITY**
Florica Bușuricu, Ticuța Negreanu-Pîrjol, Antoanelia Popescu, Carmen Lupu, Virginica Schröder
- P15 EVALUATION OF THE PHENOLIC CONTENT AND ANTIOXIDANT ACTIVITY OF AN *ELAEAGNUS ANGUSTIFOLIA* L. SOFT EXTRACT**
Laura Bucur, Gheorghe Țărălungă, Gabriela Liliș, Mariana Arcuș
- P16 ANTIOXIDANT AND ANTIMICROBIAL ACTIVITIES OF NEW NICKEL(II), PALLADIUM(II) AND CHROMIUM(III) COMPLEX COMPOUNDS WITH CHLORHEXIDINE**
Mădălina Mihalache, Mirela Călinescu, Ticuța Negreanu-Pîrjol

P17 SYNTHESIS AND CHARACTERIZATION OF NEW PYRROLO[2,1-A]PHTHALAZINE DERIVATIVES OBTAINED VIA PHTHALAZINIUM N-YLIDES"

Denisa Elena Dumitrescu, Florea Dumitrascu

Posters - Section II
Public Health and Environmental Medicine - Food safety

Chairpersons: - M.M. Bratu, F. Bușuricu, F. N. Roncea

P18 PARTICULARITIES OF MEDICAL SERVICES' QUALITY ASSURANCE IN ROMANIA

Elena Condrea, Georgeta Beleniuc, Gabriela Constantinescu

P19 STUDIES REGARDING THE IMPLEMENTATION OF FOOD SAFETY MANAGEMENT SYSTEM IN THE BOTTLING TECHNOLOGY OF WINES

Georgeta Beleniuc, Elena Condrea, Cristina Ana Stanciu

P20 FUNCTIONAL FOODS – SPECIAL OPPORTUNITY IN ENSURING AND MAINTAINING THE POPULATION'S HEALTH CONDITION

Mihaela Constandache, Dănuț - Tiberius Epure, Elena Condrea, Anca - Cristina Stanciu, Steluța Radu

P21 PARAMETER CONTROLS QUALITY AND ENZYMATIC ACTIVITY OF GRAIN MILL PRODUCTS REGION IN TRANSYLVANIA

Maria Popa, Roxana Bostan, Mirel Glevitzky, Simona Varvara, Dorin Popa

P22 THE AMPHIPOD CRUSTACEANS FROM THE ROMANIAN WATERS – THE BIOMARKER ORGANISMS FOR ECOLOGICAL AND BIOPHARMACEUTICAL ASSESSMENT

Verginica Schröder, Manuela Diana Samargiu, Irina Mihaela Iancu, Horațiu Mireșan

P23 CYTOGENETIC EFFECTS INDUCED BY DEPOSIT MYCOFLORA IN VARIOUS SPECIES SEEDS FROM THE COLLECTION OF SUCEAVA GENE BANK

Batir-Rusu Diana, Tudose Cristian, Tudose Mihaela Ionela

P24 THE EFFECTS AND EFFICIENCY OF DIETARY HEMP SEED AND FLAXSEED OILS ON THE HUMAN METABOLIC FUNCTION

Steluța Radu, Teodor Robu

- P25 IDENTIFYING HIGHER ECONOMICAL AND PHARMACEUTICAL CAPITALIZATION OPPORTUNITIES OF MUSSELS (*MYTILUS GALLOPROVINCIALIS*) FROM THE ROMANIAN BLACK SEA COAST**
Daniela Mariana Roșioru, Tania Zaharia
- P26 EXPRESSION OF NONCHROMOSOMAL ANTIBIOTIC RESISTANCE MARKERS IN TRANSFORMED STRAINS OF *ESCHERICHIA COLI***
Anca Cristina Lepădatu
- P27 NOSOCOMIAL INFECTIONS MANAGEMENT IN AN INFECTIOUS DISEASES HOSPITAL WITH ENVIRONMENT IMPACT**
Stela Halichidis, Iulia Gabriela Șerban, Ramona Stoicescu, Simona Claudia Cambrea
- P28 FAT SOLUBLE VITAMINS AND FATTY ACIDS COMPOSITION OF WILD AND FARMED BLACK MUSSEL**
Mona Stancheva, Diana A. Dobreva, Albena Merdzhanova
- P29 FAT SOLUBLE VITAMINS AND FATTY ACIDS COMPOSITION OF BLACK SEA *ULVA RIGIDA* AND *GELIDIUM CRINALE***
Veselina Panayotova, Mona Stancheva, Lubomir Makedonski

Posters - Sections III, IV
Environmental and Public Awareness and
Environmental Pollution (Air - Water - Soil)

Chairpersons: N. Sdrula, V. Dăescu, L. Alexandrov

- P30 PRELIMARY RESULTS FROM FIRES IN GREECE-ATMOSPHERERIC POLLUTION AS BY PRODCTS**
A. Mamoukaris, E. Karakolios, K. Xipolitos, D. Constantin, F. Vosniakos
- P31 WASTE MANAGEMENT - ECONOMIC AND ECOLOGICAL NECESSITY. CASE STUDY – ZLATNA REHABILITATION**
Dorin Popa, Ionela Stanciu, Nicolae Todea, Maria Popa
- P32 THE CORELATION BETWEEN PHOTOSYNTHETIC ACTIVE RADIATION AND PHLEENOLOGICAL ASPECTS OF VEGETATION IN THE AREA OF THE BLACK SEA COAST**
Anca-Nicoleta Albu, Daniela-Mirela Pleșoianu, Marius Popescu

- P33 SPATIAL DISTRIBUTION OF COPPER CONTENT IN SOILS FROM ZLATNA AREA, ROMANIA**
Alexandrina Manea, Nicoleta Vranceanu, Sorina Dumitru, Mihaela Lungu
- P34 WATER QUALITY MONITORING FOR SIUTGHIOL LAKE**
Mirela Arpenti (Bucur), Paraschiv Gabriela, Timothy Ehlinger, Lucica Tofan
- P35 ELECTROCHEMICAL DEGRADATION OF REACTIVE VIOLET 5 DYE IN TEXTILE WASTEWATER**
Borislav Malinovic, Miomir G. Pavlovic, Darko Bodroza, Pero Sailovic, Miodrag Jazic
- P36 POLLUTION CHARACTERIZATION ON THE BASIS OF THE POLLUTANT “PATTERN” (CASE STUDY FOR THE FORMER OBSOLETE PESTICIDES STOCKPILES SITES IN MOLDOVA)**
Oleg Cadocinicov, Oleg Bogdevici
- P37 EFFECTS OF NUTRIENTS AND HYDROGEN PEROXIDE ON HYDROCARBON BIODEGRADATION IN MARINE SANDY SEDIMENT MICROCOSMS**
Dan Răzvan Popoviciu, Rodica Bercu
- P38 DRINKING WATER AND WASTEWATER IN THE CITY NĂVODARI**
Daniela-Mirela Pleșoianu, Anca Albu
- P39 STUDY REGARDING BIOREMEDIATION OF AN OIL POLLUTED SOIL IN SOUTHEASTERN ROMANIA**
Liana Dumitru, Georgiana Carețu, Corina Gavăt
- P40 MODELING AND OPTIMIZATION OF Cd(II) BIOSORPTION ON COMMERCIAL INSTANT DRY BAKER’S YEAST**
Ligia Stoica, Ana-Maria Stanescu, Carolina Constantin
- P41 MODEL FOR ASSESSMENT OF NOISE GENERATED BY ROAD AND SEA TRAFFIC**
Aleksandar Nikolić, Emilija Nikolić, Danilo Nikolić
- P42 MICROBIOLOGICAL POLLUTION IN NARTA’S LAGOON AND ITS IMPACT ON FISH**
Klementina Puto, Ariola Bacu, Lorena Gjata, Naxhije Hila, Romina Libohova
- P43 VERTICAL FLOW PILOT-SCALE CONSTRUCTED WETLANDS FOR WASTEWATER TREATMENTS**
S. Miminis, E. Karakolios, A. Mamoukaris, K. Xipolitos, M. Golumbeanu, C. Constantin

- P44 ACUTE ENTEROCOLITIS WITH ROTAVIRUS IN CHILDREN AND ENVIRONMENTAL ROLE IN DISEASE TRANSMISSION**
Simona Diaconu, Claudia Cambrea
- P45 GIS INVENTORY OF DEGRADED LANDS IN TOPALU VILLAGE FOR AFFORESTATION**
Stefana Moise
- P46 COMPARATIVE TRACKING OF TEXTILE DYE ADSORPTION ON ZEOLITES NH₄-ZSM5 I H-ZSM5**
Zora Levi, Darko Bodroža, Borislav Malinović, Pero Sailović, Miodrag Jazić
- P47 ALGORITHM FOR CARBON CAPACITY STORAGE OF THE FOREST SPECIES ACCORDING TO SOIL CHARACTERISTICS AND STANDS AGE**
Irina Moise, Vasile Moise

Posters - Section V
Sustainable Development: Agriculture, Energy, Economy, Education and Training

Chairpersons: I. Moise, M. L. Lungu, C. Gavăt

- P48 FERTILIZATION SYSTEMS AND ENERGY EFFICIENCY AT DURUM WHEAT**
Almaliev Mladen
- P49 STUDIES REGARDING INFLUENCE OF FERTILIZATION AND SUBSTRATUM ON JUNIPERUS VIRGINIANA SKYROCKET CULTIVATED IN CONTAINERS**
Georgeta Caretu, Corina Gavăt, Liana Dumitru
- P50 INFLUENCE OF CROP ROTATION AND NITROGEN FERTILIZATION ON MORPHO-PHYSIOLOGICAL TRAITS**
Liliana Miron, Corina Gavăt, Liliana Panaitescu
- P51 RESULTS REGARDING THE BEHAVIOUR OF THUJA OCCIDENTALIS DANICA IN DIFFERENT SUBSTRATUM OF CULTURE**
Georgeta Carețu, Răzvan Coțianu, Cătălin Galan
- P52 RESPONSE OF DURUM WHEAT TO NITROGEN FERTILIZATION**
Svetla Kostadinova, Galia Panayotova

- P53 CHEMICAL COMPOSITION, HISTOLOGICAL STRUCTURE AND MICROBIOLOGICAL ANALYSIS OF THE INTENSIVELY FATTENING LAMB MEAT**
Daniela Jitariu, Camelia Zoia Zamfir
- P54 THE IMPACT OF LAND-USE CHANGES IN URBAN PLANNING**
Gabriela Dorobantu, Gyorgy Deak, Iustina Popescu, Marius Raischi
- P55 FERTILIZATION ASPECTS IN ORGANIC FARMING IN ROMANIA**
Iulia Anton, M. Dumitru, Carmen Sîrbu, T. Cioroianu, A. Dorneanu
- P56 SOME ASPECTS REGARDING THE MODIFICATION OF CHEMICAL FEATURES OF SOIL THROUGH LONG-TERM FERTILIZATIONS WITH ORGANIC FERTILIZER IN THE IRRIGATION CONDITIONS FROM VALU LUI TRAIAN VILLAGE, CONSTANTA COUNTY**
Violeta-Maria Simionescu, Monica Tanc, Daniela Jitariu, Irina Moise, Liliana Panaiteescu
- P57 ECOLOGICAL RECYCLING OF FRUIT WASTES THROUGH SUBMERGED CULTIVATION OF EDIBLE MUSHROOMS**
Marian Petre, Violeta Petre
- P58 THE ANTHROPIZATION AND BALANCE STATE OF SOUTHERN DOBRUJA LANDSCAPES**
Cristina Mihălțeanu
- P59 “IN VITRO” MULTIPLICATION OF *LAVANDULA ANGUSTIFOLIA* MILL. AND *MATRICARIA CHAMOMILLA* L.**
Smaranda Vantu
- P60 PRELIMINARY DATA ON AGROCHEMICAL SOIL MODIFICATION UNDER THE INFLUENCE OF DIFFERENT DOSES OF FERTILIZERS AT I.C.D.A. FUNDULEA**
Naliana Lupașcu, Mihail Dumitru, Marioara Nicolaescu, Ionuț Tintisan, Florica Bușuricu
- P61 THE UTILIZATION OF ECOLOGICAL METHODS FOR PATHOGENS AND PESTS CONTROL AT PEACH AND APRICOT**
Marioara Trandafirescu, Elena Doroftei, Daciana Sava
- P62 ENERGY EFFICIENCY BARRIERS – CONTEMPORARY APPROACHES FOR ENERGETIC AUDITORS**
Dănuț Tiberius Epure, Maria Alina Caratas, Elena Cerasela Spătariu

- P63 SUSTAINABLE DEVELOPMENT THROUGH ENERGY AUDITING**
Dănuț Tiberius Epure, Spătariu Elena Cerasela, Maria Alina Caratas

- P64 USING ECOLOGICAL EDUCATION AND AWARENESS IN EXERTING THE MANAGEMENT OF THE VAMA VECHE - 2 MAI MARINE RESERVE**
Victor Nita, Magda Nenciu, Adrian Filimon, Madalina Cristea, Tania Zaharia, Mariana Golumbeanu

Posters - Section VI
Marine Environment - Coastal Zone Management -Tourism

Chairpersons: - R. Mateescu, D. Jitariu, G. Bondoc

- P65 ROMANIAN ECOTOURISM – AN IMPORTANT FORM OF DURABLE TOURISM**
Elena Condrea, Dănuț Tiberius Epure, Anca Cristina Stanciu, Mihaela Constandache

- P66 ANALYSING CLIMATIC POTENTIAL FOR TOURISM IN CONSTANȚA CITY (ROMANIA), USING TCI MODEL**
George-Marius Cracu, Marius Popescu

- P67 MORPHOLOGICAL AND CYTOLOGICAL FEATURES OF PHAEOPHYTA FROM THE BLACK SEA**
Daciana Sava, Elena Doroftei, Marioara Trandafirescu

- P68 RESEARCHES ON THE SITUATION OF THE PROTECTED AREAS IN VRANCEA AND THE POSSIBILITY TO CREATE AND USE THEIR PRACTICAL TOOLS IN ORDER TO TRANSFORM THE CLASSIC TOURISM INTO A MOULTIVALENT TOURISM BASED ON THE EDUCATION FOR THE ENVIRONMENT**
Mihaela Rusu, Cătălin Galan

- P69 DYNAMICS OF THE ROMANIAN TOURISTIC AND AGROTOURISTIC POTENTIAL BASED ON THE BIODIVERSITY SUSTAINABILITY AND THE TURNING INTO ACCOUNT OF THE RURAL TRADITIONAL RESOURCES UNDER NATIONAL AND INTERNATIONAL REGULATION AND BASED ON THE INTEGRATED PROTECTION OF CONSUMERS AND OF THE ENVIRONMENT**
Mihaela Rusu, Cătălin Galan

P70 THE INFLUENCE OF MARINE CURRENTS ON THE RELIEF POURING SUBMERGED IN THE SULINA BRANCH IN THE BLACK SEA

Daniela-Mirela Pleșoianu, Lucian Dumitache

P71 DATA ON THE ACTUAL STATE OF BENTHIC COMMUNITIES IN THE ROMANIAN MARINE WATERS

Adrian Filimon, Camelia Dumitache

P72 POTENTIAL IMPACTS OF CLIMATE CHANGES ON THE NORTHWESTERN PART BLACK SEA COAST

Georgeta Bandoc, Răzvan Mateescu, Elena Dragomir, Florentina Panțu, Alina Spînu

P73 SYMNET – INDUSTRIAL SYMBIOSIS NETWORK FOR ENVIRONMENT PROTECTION SUSTAINABLE DEVELOPMENT IN BLACK SEA BASIN

Alina Spînu, Luminița Buga, Simion Nicolaev

P74 UPWELLING AND ALGAE BLOOM. THE CASE OF ROMANIAN BLACK SEA COAST

Luminița Buga, Emanuela Mihailov, Laura Boicenco, Luminița Lazar, Alina Spînu, M.I. Tomescu – Chivu, Viorel Malciu, G. Sarbu

P75 TEMPORAL VARIABILITY OF EXTREME PRECIPITATION RECORDED ON THE SOUTHERN BLACK SEA SHORE FROM 1961 TO 2006 AND THEIR SOCIO-ECONOMIC EFFECTS

Zoia Prefac, Marius Popescu, George Marius Cracu