

ПРОГРАМА

**ЧЕТВЪРТЪК, 17 НОЕМВРИ 2016 г.
БИОЛОГИЧЕСКИ ФАКУЛТЕТ**

| Час | СЕСИЯ | Аудитория |
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| 08:30 – 12:30 | Регистрация | Фоайе II етаж |
| 08:30 – 12:30 | Монтиране на постерните табла | Фоайе I етаж |
| 09:00 – 9:30 | <p style="text-align: center;">ОТКРИВАНЕ НА КОНФЕРЕНЦИЯТА</p> <p>Проф. д-р Мариела Оджакова, <i>Председател на Организационния комитет</i> Доц. д-р Стоян Шишков <i>Декан на Биологическия факултет</i></p> <p>1100 години успение на св. Климент Охридски Слово на доц. д-р Георги Вълчев, <i>Зам. -Ректор на Софийския университет</i></p> | Аула 239 |
| Час | ПЛЕНАРНИ ДОКЛАДИ | Аула 239 |
| | Председател – проф. д-р Светла Петрова Секретар – гл. ас. д-р Любен Загорчев | |
| 09:30 – 10:00 | <p>Prof. Nikolai Zhelev PhD, CBiol, EurProBiol, FIBiol, FMBNAM,FRSB President - International BioDiscovery Federation, Director - CMCBR, Abertay University, Dundee, Scotland UK New Generation Medical Biotechnologies in Drug Discovery and Clinical Practice</p> | |
| 10:00 – 10:30 | <p>Assoc. prof. Jordan Doumanov PhD, Department of Biochemistry, Sofia University St. Kliment Ohridski Cellular Polarity and Retinal Pathologies</p> | |
| 10:30 – 11:00 | <p>Assoc. prof. Albena Lapeva-Gjonova PhD, Department of Zoology and Anthropology, Sofia University St. Kliment Ohridski Social parasitism in ants</p> | |
| 11:00 – 11:30 | <p>Assoc. prof. Ivan Traykov PhD, Department of Ecology and Environmental Protection, Sofia University St. Kliment Ohridski There and Back Again: A Tale of Gravel Pit Rehabilitation</p> | |
| 11:30 – 12:00 | <p>Assoc. prof. Asya Asenova PhD, Department of Methodology of Biology Teaching, Sofia University St. Kliment Ohridski Current Trends in Professional Training of Pre-Service Biology Teachers</p> | |
| 12.00 – 13.30 ОБЕДНА ПОЧИВКА | | |
| 13:30 – 15:30 | ПОСТЕРНА СЕСИЯ | Фоайе I етаж |
| БИОРАЗНООБРАЗИЕ И БИОЛОГИЧНО ОБРАЗОВАНИЕ - В1–В32 | | |
| МОЛЕКУЛЯРНА БИОЛОГИЯ И БИОТЕХНОЛОГИИ - М1–М42 | | |
| ЕКОЛОГИЯ И УСТОЙЧИВО РАЗВИТИЕ - Е1–Е20 | | |

**ПЕТЪК, 18 НОЕМВРИ 2016 г.
БИОЛОГИЧЕСКИ ФАКУЛТЕТ**

| Час | ПЛЕНАРНИ ДОКЛАДИ | |
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| | | Председател – проф. д-р Христо Гагов Секретар – гл. ас- д-р Мартин Димитров |
| 09:00 – 09:30 | Ainur Kydyrmoldina PhD, Department of Applied Biology, Kazakh Humanitarian Juridical Innovative University, Kazakhstan The Influence of the Phytopreparation on Cellular Immunity System (EXPERIMENTAL STUDY) | |
| 09:30 – 10:00 | Makhsat Kudageldin PhD, Department of Philosophy and Political Science, Kazakh Humanitarian Juridical Innovative University, Kazakhstan Philosophical and Ethical Problems of Biological Research | |
| 10:00 – 11:30 | Кръгла маса "Кариерно развитие" | |
| | Водещ: доц. д-р Анели Неделчева | |
| Аула 239 | | |
| Българо-американската комисия за образователен обмен „Фулбрайт“ | | |
| Университетски ботанически градини към СУ „Св. Климент Охридски“ | | |
| ПНО Фонд за дивата флора и фауна | | |
| Биовет АД, гр. Пещера | | |
| 11:30 – 14:30 | БиоФест | Фойе I етаж |
| 14:30 | ЗАКРИВАНЕ НА КОНФЕРЕНЦИЯТА Награждаване „Най-добър постер“ | Аула 239 |

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| B2 | Milena Nikolova, <u>Ina Aneva</u> , Peter Zhelev, Marina Dimitrova FLAVONOID COMPOUNDS AND ANTIOXIDANT ACTIVITY OF BULGARIAN SPECIES OF MICROMERIA |
| B3 | <u>Venelina Angelkova</u> , Iliyana Pavlova, Ivan Svinjarov, Anita Tosheva, Anely Nedelcheva OBSERVATION OF THE WALL FLORA OF UNIVERSITY BOTANIC GARDEN – BALCHIK |
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| B14 | <u>Dimitar Kaynarov</u> , Stoyan Beshkov NEW DATA ON RARE AND PROTECTED BUTTERFLIES AND MOTHS FROM BESAPARA HILLS, BULGARIA (INSECTA: LEPIDOPTERA) |
| B15 | <u>Lyubomira Lyubomirova</u> , Plamen Mitov, Lyubomir Kenderov WATER MITES (HYDRACHNIDIA) FROM ISKAR RIVER WALLEY (BULGARIA) AND DYNAMICS OF BASIC HYDROCHEMICAL PARAMETERS |
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| B24 | <u>Veselin V. Shivarov</u> , Holger Thüs, Cvetomir M. Denchev ECOLOGY AND DISTRIBUTION OF <i>DERMATOCARPON</i> (LICHEN-FORMING FUNGI) IN THE WATERSHEDS OF TWO BULGARIAN RIVERS |
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| B26 | <u>Bilyana Stoykova</u> , Albena Lapeva-Gjonova CUCKOO BUMBLEBEES AT THE SOFIA UNIVERSITY ZOOLOGICAL COLLECTION |
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| B28 | <u>Desislava Vladova</u> , Danail Takov, Daniela Pilarska NEW DATA ABOUT PREVALENCE OF MICROSPORIDIUM <i>ENDORETICULATUS</i> POECILIMONAE (MICROSPORIDIA: ENCEPHALITOZOONIDAE) IN THE GRASSHOPPER <i>POECILIMON THORACICUS</i> (ORTHOPTERA: TETTIGONIIDAE) |

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| B29 | <u>Stoyan Yordanov</u> , Yana Yordanova, Venceslav Delov, Krustio Dimitrov ANALYSIS OF THE NEGATIVE IMPACT ON SOME TETRAPODS ALONG BULGARIAN BLACK SEA COAST |
| B30 | Stoyan Yordanov, Stoyan Shishkov, <u>Venceslav Delov</u> , Krastio Dimitrov METHODS TO STUDY THE DISTRIBUTION OF PARAMYXOVIRUSES IN BULGARIAN BATS |
| B31 | Stoyan Yordanov, <u>Venceslav Delov</u> , Krastio Dimitrov ADAPTIVE STRATEGIES OF SOME BAT SPECIES DURING HIBERNATION IN SOUTH-EAST BULGARIA |
| B32 | <u>Yana Yordanova</u> , Venceslav Delov, Krustio Dimitrov, Stoyan Yordanov INVESTIGATIONS ON BIRDS INHABITING THE LITHORAL AREA, TRANSITIONAL WATERS AND ITS SURROUNDINGS OF BULGARIAN BLACK SEA COAST DURING THE BREEDING SEASON |
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| M2 | <u>Nevena Aneva</u> , Gergana Savova, Katia Stankova, Rayna Boteva CUMULATIVE EFFECT OF RADIATION AND INFLAMMATION ON HUMAN BLOOD MONONUCLEAR CELLS |
| M3 | <u>Boyana Angelova</u> , Valentina Ganeva ELECTROINDUCED RELEASE OF β-GALACTOSIDASE FROM KLUYVEROMYCES YEAST |
| M4 | <u>Petia Angelova</u> , Anton Hinkov, Venelin Tsvetkov, Kalina Shishkova, Daniela Dragolova, Veneta Kapchina-Toteva, Stoyan Shishkov ACTIVITY OF WATER EXTRACT FROM <i>NEPETA NUDA</i> L. (<i>LAMIACEAE</i>) AGAINST REPLICATION OF HUMAN HERPES VIRUS TYPE 1 (<i>HERPESVIRIDAE</i>) |
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| M6 | <u>Iliyan Banev</u> , Marina Balinska, Martin Dimitrov, Tanya Strateva, Svetoslav G. Dimov MOLECULAR CHARACTERIZATION OF SIX ENTEROCOCCUS STRAINS FROM FRESH BEEHIVE POLLEN FROM PIRDOP REGION |
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| M9 | <u>Lyubomira Denkova</u> , Maria Dimitrova, Slavil Peykov, Svetoslav G. Dimov CONSTRUCTION OF TWO CLASSICAL PLASMID CLONING VECTORS WITH A POSITIVE SELECTION BASED ON THE EXPRESSION OF A BLUE AND YELLOW CHROMOPROTEINS |
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| M20 | <u>Kamelia Hristova-Panusheva</u> , Milena Keremidarska-Markova, George Altankov and Natalia Krasteva DOES AGING AFFECTS AFFINITY OF PRYMERY STEMM CELLS AND OSTEOBLASTIC CELL LINE TO EXTRACELLULAR MATRIX PROTEINS? |
| M21 | <u>Nenکو Ivanov</u> , Dragomira Stoyanova, Anita Nikolova, Aleksandra Hristova, Silvia Yaneva, Monika Borisova, Simona Galabova, Todorka Vladkova, Iliana Ivanova, AneliaKostadinova INTERACTION BETWEEN BACTERIA, KERATINOCYTES CELL LINE AND RGO, AG- RGO COLLAGEN NANOCOMPOSITES |
| M22 | <u>Dimana Kabova</u> , Ralitsa Vassileva, Tania Mitova, Yana Vassileva, Vyara Mamatarkova PRESERVATION OF <i>ACIDITHIOBACILLUS FERROOXIDANS</i> JCM 3863 BY USING A LYOPHILIZED PROTECTIVE AGENT |
| M23 | Petya Koleva, Ina Aneva, Ljuba Evstatieva, Kalina Danova COMPARATIVE STUDY OF THE EFFECTS OF PLANT GROWTH REGULATORS AND ACTIVATED CHARCOAL ON THE DEVELOPMENTAL PATTERNS OF SIDERITIS SCARDICA <i>IN VITRO</i> CULTURES |
| M24 | <u>Kristina Lazarova</u> , Vyara Mamatarkova CULTIVATION OF SUSPENDED CELLS CULTURES AND BIOFILM OF <i>ACIDITHIOBACILLUS FERROOXIDANS</i> JCM 3863 IN PRESENCE OF COPPER IONS |
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| M26 | <u>Sylvia Marinova</u> , Tereza vaz Martins, Richard Morris AN INFORMATION THEORETIC QUANTIFICATION OF CALCIUM SPECIFICITY |
| M27 | <u>K. Mladenova</u> , S. Petrova, T. Andreeva, N. Mladenov, V. Moskova-Doumanova, T. Topouzova-Hristova, Y. Petseva, K. Balashev, Z. Lalchev, J. Doumanov VISUALIZATION OF HBEST-1 PROTEIN BY ATOMIC-FORCE MICROSCOPY |

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| M28 | <u>Vella Nikolova</u> , Valya Vassileva RESPONSE OF DNA METHYLATION MUTANTS OF <i>ARABIDOPSIS THALIANA</i> TO HIGH SALINITY |
| M29 | <u>Dimitar Parvanov</u> , Vilyana Georgieva, Gueorgui Stamenov, Todor Chaushev HIGHER FREQUENCY OF TAIL DEFECTS IN HUMAN SPERMATOZOA CORRESPOND TO HIGHER LEVELS OF DNA FRAGMENTATION |
| M30 | <u>M. Paunov</u> , <u>B. Pavlova</u> , E. Chachi, St. Dimitrova, K. Dankov, V. Velikova, Ts. Tsonev, M. Kouzmanova, V. Goltsev COMPARATIVE INVESTIGATION OF THE MODERATE HEAT STRESS REACTION BETWEEN TWO ECOTYPES OF PLANE (<i>PLATANUS ORIENTALIS</i>) AND OLIVE (<i>OLEA EUROPAEA</i>) TREES |
| M31 | <u>Tsvetelina Paunova-Krasteva</u> , Vasilka Velkova, Dayana Borisova, Stoyanka Stoitsova INTRACELLULAR SURVIVAL OF <i>PSEUDOMONAS AERUGINOSA</i> PAO1 IN A549 CELLS |
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| M42 | <u>Ralitsa Veleva</u> , Veselina Moskova-Doumanova, Daniela Dragolova, Jordan Doumanov, Tanya Topouzova-Hristova COMPARATIVE ANALYSIS OF CYTOTOXICITY OF CHLOROFORM EXTRACTS FROM <i>LAMIUM ALBUM</i> L. AND MORPHOLOGICAL ALTERATIONS IN MAMMALIAN CELLS |
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| E2 | <u>Lilia Angelova</u> , Albena Ivanova, Svetlana Momchilova, Albena Momchilova, Liliana Maslenkova FUNCTIONAL CHARACTERISTICS OF PHOTOSYNTHETIC APPARATUS IN HALOPHYTE PLANT, <i>ERYNGIUM MARITIMUM</i> L. |
| E3 | <u>Asen Asenov</u> , Mariyana Lyubenova AN OLD BEECH FOREST ON KADIEVI MEADOWS, NORTH PIRIN MT – UNIQUE NATURE WEALTH |
| E4 | <u>Radoslava Bekova</u> , Galerida Raikova-Petrova ON THE PATTERN OF CORRELATION BETWEEN THE FECUNDITY, LENGTH, WEIGHT AND AGE OF <i>MUGIL CEPHALUS</i> LINNAEUS FROM THE AREAS OF BULGARIAN BLACK SEA COAST |
| E5 | <u>S. Boteva</u> , R. Tzonev, V. Bogoev, K. Dimitrov, Ts. Dimitrova, A. Kenarova, Ts. Komitova, G. Nachev, M. Nikolov, K. Pachedjieva, N. Parleva, D. Simeonovska, V. Stefanov, I. Traykov, R. Tsekova ASSESSMENT OF ECOSYSTEM SERVICES OF HEATHLAND AND SHRUB ECOSYSTEMS ON THE TERRITORY OF BULGARIA |

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| E6 | <u>Elitza T. Dencheva</u> , Radoy I. Ivanov PESTICIDE CONTROL OF ACETYLCHOLINESTERASE ACTIVITY IN SOME INVERTEBRATE ANIMALS AND THE ROLE OF NITRIC OXIDE AS AN ANTIDOTE IN AN ECOTOXICOLOGY ENVIRONMENT |
| E7 | <u>Velmira Dimitrova</u> , Teodora Georgieva, Maria Geneva, Yuliana Markovska DETERMINATION OF TOTAL ANTIOXIDANT CAPACITY IN TWO LYCIUM SPECIES GROWN EX VITRO AT HIGH SALINITY IN HYDROPONIC |
| E8 | <u>Konstantin Dobrev</u> , Gabriela Petrova, Daniela Stanoeva, Maya Velichkova, Antoaneta Popova PHOTOINHIBITION OF PHOTOSYSTEM II RELATED REACTIONS IN THYLAKOID MEMBRANES OF ARABIDOPSIS THALIANA, WT AND MUTANT LUT2, AT ROOM TEMPERATURE |
| E9 | <u>Simona Georgieva</u> , Petya Dimitrova-Mateva, Svetoslav Anev, Nikolina Tzvejkova, Miroslava Zhiponova, Detelina Petrova, Ganka Chaneva CHANGES OF SUPEROXIDE DISMUTASE ACTIVITY IN THE COMMON BEECH AS A RESPONSE TO HERBIVORY |
| E10 | Aygyun Faik, <u>Milena Gerganova</u> , Gabriela Petrova, Maya Velitchkova COMPARISON OF PHOTOINHIBITION KINETICS OF THYLAKOID MEMBRANES ISOLATED FROM CONTROL AND HIGH TEMPERATURE ACCIMATED TOMATO PLANTS |
| E11 | <u>Milena Gerganova</u> , Aygyun Faik, Eva Sarvari, Maya Velitchkova PHOTOINHIBITION IN INDUCED DAMAGES OF PHOTOSYNTHETIC APPARATUS OF TOMATO PLANTS (<i>SOLANUM LYCOERSICUM</i> CV M82) |
| E12 | <u>Borislava Gyosheva</u> , Radostina Hristova, Vladimir Valchev HEAVY METAL CONCENTRATION IN SEVERAL WETLANDS SITUATED ON THREE BULGARIAN DANUBE TRIBUTARIES |
| E13 | <u>Rosen Ivanov</u> , Svetlana Bratkova, Anatolij Angelov ANALYSIS OF THE EFFICIENCY OF MICROBIAL FUEL CELLS BASED ON SULFATE-REDUCTION PROCESS, INTEGRATED IN ANAEROBIC WETLANDS |
| E14 | <u>Milena Mitova</u> , Maria Ivanova, Mihail Iliev ACTINOBACTERIA AS A COMPONENT OF MICROBIAL COMMUNITY FORMED ON ROCK PAINTINGS OF MAGURA CAVE, BULGARIA |
| E15 | Donaltina Vila, Kalina Vila, <u>Dolja Pavlova</u> , Aida Bani ANALYSIS OF VIABILITY THROUGH TETRAZOLIUM TEST OF SEEDS OF TWO <i>ALYSSUM</i> SPECIES OF IMPORTANCE FOR PHYTOMINING FROM SERPENTINES IN ALBANIA |
| E16 | <u>Ekaterina Pavlova</u> , Emilia Petrova, Yordanka Gluhcheva, Donika Dimova, Nina Atanassova EVALUATION OF SOME WEIGHT INDICES AND SPERM COUNT AFTER HYPOXIC EXPOSURE OF RATS AND MICE |

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| E17 | <p><u>Simona Peteva</u>, Mariyana Lyubenova, Hristina Kalcheva RELATIONSHIP BETWEEN GROWTH INDEX, SPECIFIC LEAF AREA AND LEAF WEIGHT RATIO OF DECIDUOUS ECOSYSTEMS</p> |
| E18 | <p><u>Francheska Petrova</u>, Veronika Denova, Kalina Pachedjieva, Ivan Traikov, Vladimir Stefanov, Krastio Dimitrov, Ivana Ivanova ALLOMETRIC BIOMASS AND CARBON STOCK ESTIMATION IN SHRUB VEGETATION FOR ASSESSMENT OF ECOSYSTEM SERVICES</p> |
| E19 | <p><u>Monika Subeva</u>, Lubomir Kenderov, Vesela Evtimova ECOLOGICAL POTENTIAL OF MODEL RESERVOIRS IN BULGARIA</p> |
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