

ПРОГРАМА

17 ОКТОМВРИ, ПЕТЪК		
Час	Сесия	Аудитория
08.00 – 14.00	Регистрация	Фойе, I етаж
08.00 – 14.00	Монтиране на постерните табла	Фойе, I етаж
09.00 – 9.30	ОТКРИВАНЕ НА КОНФЕРЕНЦИЯТА Проф. д-р Мариела Оджакова, Чл. кор. проф. дбн Иван Иванов	239
9.30 – 10.00	<i>Връчване на Почетния знак на Софийския университет „Св. Кл. Охридски“ със синя лента на проф. Христо Панайотов.</i>	239
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10.45 – 11.15	<i>Acad. Prof. Dr. Vaclav Paces, FEBS Secretary General – пленарна лекция FROM THE PEAS OF GREGOR MENDEL TO PERSONALIZED MEDICINE</i>	
11.15 – 11.30	Yordan Georgiev , Manol Ognyanov, Tsvetelina Batsalova, Veselin Kussovski, Hiroaki Kiyohara, Haruki Yamada, Petko Denev, Milan Číž, Antonin Lojek, Balik Dzhambazov, Maria Kratchanova <i>CHEMICAL CHARACTERIZATION AND IMMUNOMODULATING ACTIVITY OF SELECTED CRUDE HERB POLYSACCHARIDE EXTRACTS</i>	
11.30 – 11.45	Galya Staneva, Diana Petkova, Rusina Hazarsova , Rayna Georgieva, Roumen Pankov, Ralica Skrobanska, Albena Momchilova <i>INTAKE OF XYLOOLIGOSACCHARIDES ALTERS THE STRUCTURAL ORGANIZATION OF LIVER PLASMA MEMBRANE BILAYER</i>	
11.45 – 12.00	Chelenkova P, Petkova R , Chakarov S. <i>INDIVIDUAL CAPACITY FOR DNA REPAIR - A NOVEL TOOL IN THE ASSESSMENT OF RISK FOR COMMON ADULT-ONSET HUMAN DISEASES AND CONDITIONS AND THEIR LATE COMPLICATIONS</i>	
12.00 – 12.15	Raya Raykova , Luchezar Manovski, Dessislava Marinkova, Lyubov Yotova, Dancho Danalev <i>INVESTIGATIONS ON SOYBEAN LIPOXYGENASE</i>	
12.15 – 12.30	J.-M. Ringear, D. Marinkova, M. Michiel, Lyubov Yotova , J.-Y. Le Huerou, S. Serfaty, and P. Griesmar <i>DETECTION BY A MICRORHEOLOGICAL METHOD OF BIOMOLECULES IN POLYACRYLATE – SiO2 HYBRID MATERIALS</i>	

12.30 – 12.45	Ivan Georgiev Ivanov , Vasil Georgiev Georgiev, Atanas Ivanov Pavlov <i>INFLUENCE OF JASMONIC ACID ON AMARYLLIDACEAE ALKALOIDS PRODUCTION FROM LEUCOJUM AESTIVUM L. LIQUID SHOOT CULTURE</i>	
12.45 – 13.00	Galina Racheva , Mitko Alaykov <i>EXAMINE THE POTENTIAL OF N-ACETYL-L-CYSTEINE AND TRIMETHYLGLYCINE TO DECREASE THE RADIATION INDUCED TP53 GENE SUPPRESSION IN HUMAN BLOOD LYMPHOCYTES</i>	
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14.00 – 14.30	<u>Проф. д-н Яна Топалова</u> – пленарна лекция Yana Topalova, Raycho Dimkov, Yovana Todorova, Irina Schneider <i>ADVANCES IN THE SCIENCE AND EDUCATION OF ECOBIOTECHNOLOGIES: BRINGING THE ACADEMICS AND INDUSTRY TOGETHER</i>	
14.30 – 14.45	Yovana Todorova , Ivaylo Yotinov, Stilyana Lincheva, Yana Topalova <i>DEHYDROGENASE AND PHOSPHATASE ACTIVITIES AS TOOLS FOR REGULATION OF BIOREMEDIATION IN SEDIMENTS</i>	
14.45 – 15.00	Ivaylo Yotinov , Yovana Todorova, Irina Schneider, Elmira Daskalova, Yana Topalova <i>REGULATION OF PHENOL BIODETOXIFICATION BY PSEUDOMONAS SP. WITH CARBON NANOPARTICLES</i>	
15.00 – 15.15	Irina Schneider , Yana Topalova <i>RISK MODELING OF ORGANIC POLLUTION OF LAKE SEDIMENTS</i>	
15.15 – 15.30	Plamen Georgiev , Stoyan Groudev, Irena Spasova, Marina Nicolova <i>BIOTECHNOLOGIES FOR REMEDIATION OF SOILS AFFECTED BY ACID MINE DRAINAGE WATERS</i>	
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16.15 – 16.30	Maya Hadzhieva , Srinivas Kaveri, Sebastien Lacroix-Desmazes, Tchavdar Vassilev, Jordan Dimitrov <i>STUDY OF THE INDUCED POLYREACTIVITY OF IMMUNOGLOBULIN E (IGE)</i>	

16.30 – 16.45	Robert Penchovsky <i>ENGINEERING ALLOSTERIC RIBOZYMES AND THEIR APPLICATION IN THE FIELDS OF SYNTHETIC BIOLOGY AND BIOTECHNOLOGY PHARMACEUTICAL</i>	
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09.30 – 09.45	Valentina Ganeva , Bojidar Galutzov, Boyana Angelova <i>ELECTROINDUCED RELEASE OF HUMAN FERRITIN HEAVY CHAIN (FTH1-6H) EXPRESSED IN HANSENULA POLYMORPHA</i>	
09.45 – 10.00	Hristina Strinska , Borianna Zhekova, Valentina Dobрева, Georgi Dobrev <i>RESPONSE SURFACE METHODOLOGY OPTIMIZATION OF PROCESS PARAMETERS FOR LIPASE PRODUCTION BY RHIZOPUS ARRHIZUS</i>	
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10.15 – 10.30	Petya Parvanova, Teodora Lyubomirova , Nikolina Tzvetkova, Vladimir Ilinkin <i>EFFECT OF AUXIN ON PROTEIN CONTENT DURING IN VITRO RHIZOGENESIS OF SYRINGA VULGARIS L.</i>	
10.30 – 10.45	Svetlana Bratkova, Antoniya Kaisheva , Viktoriya Manukyan <i>EFFECT ON PHOSPHATE SOLUBILIZATION OF FOUR BACILLUS STRAINS, ISOLATED FROM CALCAREOUS SOILS</i>	
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IFBTH 6	Iskra Stoykova , Lyubov Yotova, Dancho Danalev <i>RECOVERY OF LINDANE IN EGG SAMPLES USING DIFFERENT EXTRACTION SOLVENTS</i>	
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IFBTH 12	Silviya Geneva , Vyara Mamatarkova <i>INFLUENCE OF LITHIUM-COBALT MIXTURE ON BACTERIAL OXIDATION OF FERROUS IONS BY ACIDITHIOBACILLUS FERROOXIDANS JCM 3863</i>	

IFBTH 13	Simeon Gavrailov , Viara Ivanova <i>CHARACTERISATION OF A NEWLY ISOLATED THERMOPHILIC BACILLUS STRAIN, PRODUCER OF EXO-INULINASE</i>
IFBTH 14	Spaska Yaneva , Desislava Marinkova, Polina Velichkova, Lyubov Yotova <i>ISOLATION AND PURIFICATION OF TYROSINASE FROM DIFFERENT SOURCES</i>
IFBTH 15	Veneta Groudeva , Mihail Iliev, Ralitzha Ilieva, Lyudmila Tsokova and Stoyan Groudev <i>MICROBIAL PRETREATMENT OF GOLD-BEARING SULPHIDE CONCENTRATES FOR LIBERATING THE GOLD ENCAPSULATED IN THE SULPHIDE MATRIX</i>
IFBTH 16	Veronica Nemska , Nelly Georgieva, Svetla Danova <i>COAGULATION ACTIVITY OF LACTIC ACID BACTERIA FROM TRADITIONAL DAIRY PRODUCTS</i>
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HBTH 2	Borislav Borisov , Daniela Manova, Dessislava Marinkova, Lyubov Yotova, Dancho Danalev <i>ISOLATION AND CHARACTERIZATION OF LIPASE FROM CANDIDA ANTARCTICA</i>
HBTH 3	Daniela Manova , Imen Lahmar, Lyubov Yotova <i>SCREENING OF ENZYMES FROM A TUNISIAN PERGULARIA TOMENTOSA L</i>
HBTH 4	Denica Daskalova , Irina Kirilova, Desislava Gradinarska, Marina Hristova, Kiril Lazov, Maria Ivanova <i>CHARACTERIZATION OF BOAR SEMINAL PLASMA PROTEINS ASSOCIATED WITH LOW CRYOTOLERANCE OF THE SPERMATOOZA</i>
HBTH 5	Elena Krachmarova , Milena Tileva, Ivan Ivanov, Geneveva Nacheva <i>OPTIMIZATION OF STORAGE BUFFER CONDITIONS OF RECOMBINANT PROTEINS BASED ON THERMOSTABILITY ASSAY</i>
HBTH 6	Galina Stoyancheva , Elena Chorukova <i>LACTOBACILLUS GASSERI G7 - A BACTERIOCINOGENIC STRAIN ISOLATED FROM VAGINAL SAMPLE</i>
HBTH 7	Lachezar Manovski , Lyubov Yotova <i>APPLICATIONS OF LYPOXYGENASE FROM AVOCADO</i>
HBTH 8	Georgieva L. , Gadjalova A., Mihaylova D., Pavlov A. <i>ACHILLEA MILLEFOLIUM L. - PHYTOCHEMICAL PROFILE AND IN VITRO ANTIOXIDANT ACTIVITY</i>
HBTH 9	Mina Todorova , Nadezhda Petkova, Ivan Ivanov, Panteley Denev <i>INULIN AND ITS BIOCONJUGATES – DESIGN OF INOVATIVE FARMACEUTICALS AND NUTRITIONAL FORMS</i>
HBTH 10	Mladen Popov , Geneveva Nacheva, Ivan Ivanov, Udo Reichl <i>MODELLING OF RECOMBINANT E. COLI FED BATCH FERMENTATIONS CONSIDERING ACETATE INHIBITION EFFECTS</i>

HBTH 11	Radka Vrancheva , Ivan Ivanov, Lidiya Georgieva, Tsvetanka Teneva-Angelova, Dora Beshkova, Atanas Pavlov <i>SCREENING OF ANTIMICROBIAL ACTIVITY AND PHENOL PROFILES OF FIVE BULGARIAN FUMARIA SPECIES</i>
HBTH 12	Rumyana Susurkova , Tsvetelina, Kutleva, Andrey Velichkov, Nikolina Mihaylova, Iskra Antonova, Georgi Nikolov, Velislava Terzieva <i>TREGS POPULATION IMPAIRMENT IS ASSOCIATED WITH AN INCREASED RISK OF SPONTANEOUS ABORTION</i>
HBTH 13	Svetla Ivanova , Katya Gabrovska, Galina Grigorova, Tzonka Godjevargova <i>EVALUATION OF EFFICIENCY OF THREE DIFFERENT FLUORESCENT CONJUGATES USED AS TRACERS IN PENICILLIN MAGNETIC NANOPARTICLE IMMUNOASSAY</i>
HBTH 14	Tsvetomira Ivanova , Nedyalka Dimova, Galina Grigorova, Tzonka Godjevargova <i>COMPARISON OF FOUR DIFFERENT METHODS FOR DEVELOPMENT OF PROGESTERONE FLUORESCENT IMMUNOASSAY</i>
HBTH 15	Veselina Uzunova , Iva Ugrinova, Martin Berger, Rumiana Tzoneva <i>APPLICATION OF BIPHASIC ELECTRIC PULSES AND ERUFOSINE ON BREAST CANCER CELLS</i>
HBTH 16	Yavor Rabadjiev , Maria Ananieva, Iliya Iliev, Iskra Ivanova <i>NEWLY ISOLATED FRUCTOPHILIC LACTOBACILLI STRAINS</i>
HBTH 17	D. Todorov , A. Hinkov, M. Dimitrova, K. Shishkova, D. Dragolova, V. Kapchina-Toteva, S. Shishkov <i>ANTI-HERPES EFFECTS OF IN VITRO AND IN VIVO EXTRACTS DERIVED FROM LAMIUM ALBUM L.</i>
HBTH 18	Maria Dimitrova , Gergana Velikova, Veronika Petkova, Daniela Atanasova, Martin Dimitrov, Tanya Strateva, Svetoslav Dimov <i>ATYPICAL ENTEROCOCCUS FAECALIS STRAIN ISOLATED FROM BEE HIVE POLLEN</i>
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HBTH 20	Chelenkova P. , Petkova R., Chamova T., Zheliazkova-Glaveeva S., Tournev I., Chakarov S. <i>CARRIERSHIP OF 'PRO-APOPTIC' AND 'DAMAGE-SUSTAINING' ALLELES OF GENES CODING FOR PROTEINS FUNCTIONING IN DNA REPAIR MAY INCREASE THE RISK FOR MAJOR VASCULAR INCIDENTS BY DESTABILISING THE ENDOTHELIAL WALL</i>
HBTH 21	Chelenkova P. , Petkova R., Georgieva E., Chakarov S. <i>PREDOMINANCE OF TP53 P72R ARG ALLELES IN MAMMARY GLAND TUMOUR SAMPLES FROM BULGARIAN PATIENTS</i>
БИОТЕХНОЛОГИИ ЗА ОКОЛНАТА СРЕДА	
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EBTH 2	<u>Mariya Rogova</u> , Daniela Dragolova, Miroslava Stefanova, Tsveta Ganeva, Dimitrina Koleva <i>COMPARATIVE ANATOMICAL AND PHYSIOLOGICAL ANALYSES OF IN VIVO, IN VITRO AND EX VITRO GROWN ACHILLEA THRACICA AND NEPETA NUDAPLANTS</i>
EBTH 3	<u>Mihaela Belouhova</u> , Irina Schneider, Yana Toploava <i>ROLE OF THE BIOFILM MICROSTRUCTURING AND THE MICROORGANISMS' RELATONSHIPS FOR AZO-DEGRADATION POTENTIAL STUDIED BY FISH</i>
EBTH 4	<u>Milena Mitova</u> , Michail Iliev, Ralitsa Angelova, Veneta Groudeva <i>DETERIOGENIC EFFECT OF MICROBLAL COLONIZATION OF PREHISTORIC PAINTINGS IN MAGOURA CAVE, BULGARIA</i>
EBTH 5	<u>Petya Boycheva</u> , Nadezhda Georgieva, Rosen Tzonev <i>INVESTIGATION OF THE MICROHABITATS IN BOTANICAL GARDEN "EKOPARK-VARNA" FOR "EX SITU" CONSERVATION PRACTICES</i>
EBTH 6	<u>Stilyana Lincheva</u> , Yovana Todorova, Yana Topalova <i>DYNAMICS OF HEAVY METALS IN SEDIMENTS OF NEWLY-CONSTRUCTED MIDDLE ISKAR CASCADE</i>
EBTH 7	<u>Svetlana Bratkova</u> , Rosen Ivanov, Anatoliy Angelov <i>PERFORMANCE OF MICROBLAL FUEL CELL INTEGRATED IN ANAEROBIC CELL FOR MINE WATER TREATMENT</i>
EBTH 8	<u>Tsvetelina Angelova</u> , Nadezhda Rangelova, Nelly Georgieva, Rudolf Müller <i>ANTIMICROBIAL BEHAVIOR OF SIO₂-CMC-SILVER BASED HYBRID MATERIALS AGAINST SACCHAROMYCES CEREVISIAE 537</i>
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EBTH 10	Dimitar Danchev, <u>Gergana Gacheva</u> , Jaklin Cohen, Plamen Pilarski, Ganka Chaneva <i>HOW DOES GREEN ALGA SCENEDESMUS INCRASSATULUS REDUCE HEAVY METAL TOXICITY IN THE MODEL SYSTEM PISUM/ SCENEDESMUS?</i>
АГРОБИОТЕХНОЛОГИИ	
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ABTH 2	<u>Atanas Chunchukov</u> , Svetla Yancheva <i>MICROPROPAGATION OF PAULOWNIA SPECIES AND HYBRIDS</i>
ABTH 3	<u>Katya Ivanova</u> , Svetoslav Anev, Nikolina Tzvetkova, Teodora Georgieva, Yuliana Markovska <i>INFLUENCE OF SALT STRESS ON STOMATAL, BIOCHEMICAL AND MORPHOLOGICAL FACTORS LIMITING PHOTOSYNTHETIC GAS EXCHANGE IN PAULOWNIA ELONGATA × FORTUNEI</i>

ABTH 4	<u>Krasimira Uzunova</u> <i>COMPARATIVE ANALYSIS ROOTING OF DIFFERENT CULTIVARS ROSES (ROSA HYBRIDA L.) USING CONVENTIONAL AND BIOTECHNOLOGY APPROACH</i>
ABTH 5	<u>Marina Badalova</u> , Yana Evstatieva, Tsvetana Licheva, Valentin Savov <i>SIGNIFICANCE OF SECONDARY METABOLITES PRODUCED BY TWO TRICHODERMA STRAINS FOR THE BIOLOGICAL CONTROL OF PLANTS</i>
ABTH 6	<u>Yana Evstatieva</u> , Dilyana Nikolova, Veselka Georgieva, Valentin Savov <i>OPTIMIZATION OF MEDIUM COMPONENTS FOR BIOMASS PRODUCTION OF PLANT GROWTH-PROMOTING STRAINS FROM BACILLUS GENUS</i>
ABTH 7	<u>Marta Encheva-Malinova</u> , Taca Vancheva, Nikolay Badzhinerov, Veronika Koleva, Sava Tishkov, Nevena Bogatzevska, Penka Moncheva <i>ANTIMICROBIAL ACTIVITY OF ANTARCTIC STREPTOMYCETES AGAINST PEPPER BACTERIAL SPOT CAUSING AGENTS</i>
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