

SCIENTIFIC CONFERENCE
“KLIMENT’S DAYS”
5th November 2020, Faculty of Biology

POSTERS	
BIODIVERSITY AND BIOLOGICAL EDUCATION B&BE-1/B&BE-25	
B&BE-1	<u>Georgi I. Kunev</u> BROMUS DIANDRUS ROTH (POACEAE), NEW SPECIES FOR THE BULGARIAN FLORA
B&BE-2	<u>Asen Stoyanov, Krasimir Kosev, Anely Nedelcheva</u> STUDY ON THE SELECTION OF PLANTS FOR SENSORY GARDENS
B&BE-3	<u>Merilin Al Sharif, Ilza Pajeva</u> ENDEMIC PLANT SPECIES IN BULGARIA: OVERVIEW ON CONSERVATION STATUS AND IN SILICO PREDICTION OF POTENTIAL ANTI-CORONAVIRUS ACTIVITY
B&BE-4	<u>Lyudmila Lozanova, Alexander Mladenov, Mima Todorova, Maria Gerdjikova, Neli Grozeva, Vlada Peneva, Stela Lazarova</u> CHARACTERIZATION OF SOIL FUNGAL COMMUNITIES IN LAVENDER AND OIL-BEARING ROSE PLANTATIONS USING DNA METABARCODING
B&BE-5	<u>Alexander Mladenov, Lyudmila Lozanova, Stela Lazarova, Mima Todorova, Maria Gerdjikova, Neli Grozeva, Vlada Peneva</u> ECTOPARASITIC NEMATODES OF FAMILY LONGIDORIDAE (NEMATODA, DORYLAIMIDA) FROM OIL-BEARING ROSE AND LAVENDER PLANTATIONS IN THE ROSE VALLEY
B&BE-6	<u>Nevena Kolarova, Plamen Mitov</u> AN ASSESSMENT OF DIFFERENCES BETWEEN PASSERINES BIRD HOSTS BASED ON THEIR FEATHER MITES (ACARI: ASTIGMATA: ANALGOIDEA) STUDIED IN THE SOUTHERN DOBRUDZHA (NE BULGARIA)
B&BE-7	<u>Denis Gradinarov, Teodora Teofilova, Nikolay Kodzhabashev</u> FIRST RECORD OF THE FAMILY CEROPHYTIDAE AND CEROPHYTUM ELATEROIDES (LATREILLE, 1804) (INSECTA: COLEOPTERA: ELATEROIDEA) IN BULGARIA
B&BE-8	<u>Stoyan Nikolov Goranov, Zlatka M. Dimitrova, Boyko B. Georgiev</u> MORPHOLOGICAL STUDIES OF TWO LECITHODENDRIID SPECIES (TREMATODA: LECITHODENDRIIDAE) FROM EPTESICUS SEROTINUS (SCHREBER, 1774) (CHIROPTERA: VESPERTILIONIDAE) IN WESTERN STARA PLANINA MTS.

B&BE-9	<u>Elena Zdravkova, Teodora Teofilova, Nikolay Kodzhabashev</u> ZOOGEOGRAPHY OF THE LUMBRICIDS AND ECOLOGICAL CHARACTERISTIC OF THEIR COENOSES FROM THE SARNENA SREDNA GORA MTS.
B&BE-10	<u>Teodora Teofilova, Radostina Pravcheva, Elena Zdravkova, Kalina Miteva, Pencho Pandakov, Nedko Nedyalkov, Georgi Hristov, Sirma Zidarova, Toshko Ljubomirov, Stilian Stefanov, Nikolay Kodzhabashev</u> ECOLOGICAL CHARACTERISTICS OF THE ZOOCOENOSES AND CLASSIFICATION OF THE ANIMALS' HABITATS FROM SARNENA SREDNA GORA MTS.
B&BE-11	<u>Ivaylo Todorov, Peter Boyadzhiev, Miroslav Antov, Atanas Grozdanov, Anelia Sojanova</u> FAILED HIBERNATION OF THE GALL-MAKER SIGNIFICANTLY REDUCES PARASITOID AND INQUILINE DENSITY IN SOME GALL COMMUNITIES OF DIPOLEPIS ROSAE (L.) (HYMENOPTERA: CYNIPIDAE) IN BULGARIA
B&BE-12	<u>Plamen Petrov, Emilia Vacheva, Dimitar Dimitrov, Anton Sokolov, Petar Petrov, Atanas Grozdanov</u> IMPORTANCE OF CITIZEN SCIENCE FOR THE ZOOLOGICAL RESEARCHES IN BULGARIA: AMPHIBIANS AND REPTILES IN BULGARIA GROUP AT THE SOCIAL PLATFORM FACEBOOK
B&BE-13	<u>Yana Yordanova, Ventseslav Delov, Elena Tasheva</u> CONTRIBUTION TO THE RESEARCH OF THE AVIFAUNA IN THE LITTORAL ZONE OF THE BULGARIAN BLACK SEA REGION
B&BE-14	<u>Nikolay Dolapchiev, Elitsa Popova, Petar Petrov, Nikola Doykin, Damyan Damyanov, Diana Zlatanova</u> COMPONENTS AND SEASONALITY OF WOLF DIET IN OSOGOVO MOUNTAIN IN 2018-2020
B&BE-15	<u>Maya Paraskova, Nikolay Dolapchiev, Elitsa Popova, Nikola Doykin, Petar Petrov, Diana Zlatanova</u> TESTING OF CAMERA TRAP INSTALLATION FOR ARBOREAL MAMMALS – PINE MARTEN AS AN EXAMPLE
B&BE-16	<u>Kiril Valchey, Ventseslav Delov, Elena Tasheva, Petko Pamukchiiski, Georgi Terziiski</u> CETACEAN STUDIES IN BULGARIAN WATERS OF THE BLACK SEA IN 2020, USING VANTAGE POINT SURVEYS AND OPPORTUNISTIC SIGHTINGS
B&BE-17	<u>Yoana Kizheva, Radoslav Rangelov, Neli Micheva, Melani Eftimova, Iliyana Rasheva</u> CHARACTERIZATION OF THREE NEWLY- ISOLATED, BROAD HOST RANGE OR POLYVALENT, XANTHOMONAS SP. EFFECTIVE BACTERIOPHAGES

B&BE-18	<u>Tanya Kartseva, Vladimir Aleksandrov, Konstantina Kocheva, Krasimira Tasheva, Andreas Börner, Svetlana Misheva</u> GENETIC VARIATION FOR GRAIN PROTEIN CONTENT IN A DIVERSE BREAD WHEAT POPULATION
B&BE-19	<u>Vladimir Aleksandrov, Tanya Kartseva, Krasimira Tasheva, Konstantina Kocheva, Andreas Börner, Svetlana Misheva</u> GENETIC VARIATION AND POPULATION STRUCTURE ANALYSIS OF BULGARIAN BREAD WHEAT GERMPLASM AS REVEALED BY SNP MARKERS
B&BE-20	<u>Nevenka Kostova, Hristo Vaslev</u> THE CHALLENGE OF LABORATORY WORK IN THE FACE OF THE CONSTRAINTS IMPOSED BY COVID-19
B&BE-21	<u>Galya Petrova</u> ATTRACTING TALENTED BULGARIAN YOUNG BIOLOGISTS TO SCIENCE BY SMALL LEARNING AND RESEARCH SCHOOL COMMUNITY
B&BE-22	<u>Zorka P. Mitova and Svetlana P. Shchelykalina</u> ASSESSMENT OF BODY COMPOSITION BY BIOELECTRIC IMPEDANCE ANALYZER IN 7-18-YEAR-OLD CHILDREN AND ADOLESCENTS FROM SOFIA (BULGARIA)
B&BE-23	<u>Asen Asenov</u> PONTECHUM MACULATUM (L.) BÖHLE & HILGER (ECHIUM RUSSICUM J.F. GMEL.) (BORAGONACEAE) ON THE ZEMENSKA MOUNTAIN, WESTERN BULGARIA
B&BE-24	<u>Nadezhda Paraskova, Zorka Mitova</u> ANTHROPOLOGICAL CHARACTERISTICS OF THE BULGARIAN POPULATION BY INTEGRATING DERMATOGLYPHIC AND ODONTOLOGICAL DATA
B&BE-25	<u>Radost Angelova, Ilia Gjonov</u> SURVEY ON THE TAXONOMY AND BIOACOUSTICS OF THE BULGARIAN SPITTLEBUGS (HEMIPTERA: CERCOPOIDEA)
ECOLOGY AND SUSTAINABLE DEVELOPMENT E&SD-1/E&SD-26	
E&SD-1	<u>Kifayet ÖZKUL, İbrahim Tamer EMECAN, Musa KAYNAR</u> SIVAS KANGAL THERMAL THERMAL SPRING AND ENVIRONMENTAL FUNCTIONS
E&SD-2	<u>Iva Doycheva</u> SUBSTRATE AND SALINITY INFLUENCE ON SEED GERMINATION AND SEEDLING GROWTH OF CHELIDONIUM MAJUS L.
E&SD-3	<u>Stefanov M., Rashkov G., Yotsova E., Borisova P., Dobrikova A., Apostolova E.</u> EFFECT OF SALT STRESS ON THE PHOTOSYNTHESIS OF DIFFERENT HYBRID LINES SORGHUM

E&SD-4	<u>Milena Nikolova, Ina Aneva, Anna Sotirova, Ekaterina Krumova, Nedelina Kostadinova, Jeni Miteva-Staleva, Vladislava Dishliiska, Maria Angelova, Blaga Mutafova, Strahil Berkov</u> BIOACTIVE COMPOUNDS FROM MEDICINAL PLANT EXTRACTS WITH ANTIFUNGAL AND ANTIBACTERIAL ACTIVITY
E&SD-5	<u>Michaela Aleksova, Silvena Boteva, Anelia Kenarova, Stela Georgieva, Christo Chaney, Galina Radeva</u> FUNCTIONAL RESPONSE OF INDIGENOUS BACTERIA TO A FUNGICIDE QUADRISR ADDED TO A LOAMY SAND SOIL AT INCREASING APPLICATION RATES
E&SD-6	<u>Slavtcho Slavov, Milena Nikolova</u> EFFECT OF TWO ASTERACEAE SPECIES ON PLANT PATHOGENIC FUNGI
E&SD-7	<u>Svetoslav G. Dimov, Antoniya Vladimirova, Martin Dimitrov, Dimitrina Georgieva, Slavil Peykov</u> SNAPSHOT OF THE BACTERIAL MICROBIOTA WITHIN THE GASTROINTESTINAL TRACT OF THE HONEYBEES FROM 4 DIFFERENT LOCATIONS IN BULGARIA
E&SD-8	<u>Ilieva Z., Petrova E., Iliev I., Karadjova O.</u> EFFICIENCY OF FOUR BULGARIAN ISOLATES OF ENTHOMOPATHOGENIC NEMATODES OF GENUS STEINERNEMA (RHABDITIDA: STEINERNEMATIDAE) AGAINST CERATITIS CAPITATA
E&SD-9	<u>Tanya Lazarova, Zhenya Ilieva, Arben Myrta</u> LONG TERM EFFECTS OF SOIL FUMIGATION ON NEMATODE COMMUNITY IN A GREENHOUSE CONTINUOUS CYCLE OF PRODUCTION
E&SD-10	<u>Nacheva G., Lazarova T., Ilieva Z., Iliev I., Karadjova O.</u> BLOOD CELLS COMPOSITION OF DIFFERENT DEVELOPMENT STAGES OF CERATITIS CAPITATA
E&SD-11	<u>Nese Yilmaz and Senol Ender</u> ECOLOGICAL AND ECONOMICAL IMPORTANCE OF PHAEOPHYTA (BROWN ALGAE)
E&SD-12	<u>Kristin Marinova, Kalina Pachedjieva, Venislava Spasova, Rossen Tzonev, Gabriela Petrova, Daniela Simeonovska-Nikolova</u> PHYTOCOENOLOGICAL STUDIES OF THE RARE COMMUNITIES OF SPIRAEA SALICIFOLIA IN RHODOPI MTS AND THEIR SIGNIFICANCE FOR VERTEBRATE ANIMALS
E&SD-13	<u>Ina Lazarova, Kalina Pachedjieva, Georgi Kunev, Gabriela Petrova</u> PRELIMINARY DATA ON THE ECOLOGICAL FEATURES OF THE COMMUNITIES OF SATUREJA PILOSA FROM CENTRAL BALKAN MTS.

E&SD-14	<u>Viktoria Hristova</u> STRUCTURAL CHANGES IN CHLOROPLASTS OF ELODEA NUTTALLII (PLANCH). H. ST. JOHN LEAVES IN RESPONSE TO CADMIUM
E&SD-15	<u>Plamen Mitov, Sonya Uzunova, Lyubomir Kenderov, Svetoslav Dimov, Petar Yanachkov</u> PACIFIC OYSTER INVASION ALONG BULGARIAN BLACK SEA COAST
E&SD-16	<u>Rayna Antova, Radoslava Emilova, Krasimir Kirov, Heliana Dundarova</u> MONITORING AND EVALUATION OF CAVE-DWELLING BAT COLONIES FOR EUROPEAN BAT LYSSAVIRUSES SCREENING. FIRST SURVEY IN BULGARIA
E&SD-17	<u>Katerina Zareva-Simeonova, Venislava Spasova, Daniela Simeonovska-Nikolova</u> DOES THE STEREOTYPIC BEHAVIOUR IN A MALE EURASIAN BROWN BEAR (URSUS ARCTOS ARCTOS) IN CAPTIVITY IS INFLUENCED BY VARIOUS STIMULI?
E&SD-18	<u>Angelova B., Iliev M., Ilieva R., Groudeva V., Nedkov I.</u> CHARACTERISTIC OF AIRBORNE MICROBIOTA IN HIGHLY URBANIZED LOCATIONS IN SOFIA CITY, BULGARIA
E&SD-19	<u>R. Ilieva, M. Iliev, B. Angelova, V. Groudeva</u> BIOREMEDIATION OF ACID DRAINAGE WATERS (AMD) BY LABORATORY-CONSTRUCTED PASSIVE SYSTEM
E&SD-20	<u>Veronika Yordanova, Yovana Todorova</u> RANKING OF PRIORITY POLLUTANTS IN SURFACE WATERS OF ISKAR RIVER CATCHMENT – APPROACH FOR OPTIMIZATION OF POLLUTION CONTROL
E&SD-21	<u>Iva Belovezhdova, Boyan Todorov, Valentina Lyubomirova, Milen Bogdanov</u> SPECIATION OF U AND TH IN NATURAL WATERS AFTER SPECIFIC EXTRACTION WITH IONIC LIQUID AND ICP-MS/GAMMA SPECTROMETRY MEASUREMENT
E&SD-22	<u>Alexander Angelov, Yovana Todorova</u> BIODRYING OF MUNICIPAL SOLID WASTE - SUSTAINABLE TECHNOLOGY FOR WASTE TREATMENT AND MANAGEMENT
E&SD-23	<u>Anna Foteva, Yana Topalova</u> SWOT ANALYSIS OF TECHNOLOGIES APPLIED FOR THERMAL TREATMENT OF MUNICIPAL SOLID WASTE
E&SD-24	<u>Daniela Staykova, Vesselin Rangelov</u> URBAN GREEN SPACE AND ITS IMPACT ON HUMAN HEALTH

E&SD-25	<u>Simona STOYANOVA, Veselin RANGELOV</u> VALUE OF URBAN GREEN SYSTEMS IN PARIS AND SEVLIEVO CITIES
E&SD-26	<u>Teodora Toshova, Dimitar Velchev, Danail Takov, Daniela Pilarska, Ivaylo Todorov, Slavimira Draganova</u> A SURVEY OF A BIOINSECTICIDE FOR CONTROLLING INSECT PESTS UNDER LABORATORY CONDITIONS
MOLECULAR BIOLOGY AND BIOTECHNOLOGY MB&BT-1/MB&BT-50	
MB&BT-1	<u>Zlatina Gospodinova, Milena Nikolova, Antoniya Vladimirova, Georgi Antov</u> EVALUATION OF IN VITRO CYTOTOXIC AND PROAPOPTOTIC PROPERTIES OF MEDICINAL PLANT COTINUS COGGYGRIA SCOP. TOWARDS A375 MELANOMA SKIN CANCER CELLS
MB&BT-2	<u>Severina Semkova, Biliana Nikolova, Zhivko Zhelev, Pavel Lefterov, Elena Stoyanova, Iana Tsoneva, Ichio Aoki, Rumiana Bakalova</u> ELECTRO-ASSISTED REDOX SENSITIZATION OF COLON CANCER CELLS TO SN38 VIA INDUCTION OF APOPTOSIS/ FERROPTOSIS AND UPREGULATION/ DOWNREGULATION OF ABC TRANSPORTERS
MB&BT-3	<u>Rumiana Ganeva, Dimitar Parvanov, Georgi Stamenov</u> DETERMINATION OF INTERLEUKIN 6 (IL-6) SECRETED FROM PERIPHERAL BLOOD MONONUCLEAR CELLS (PBMC)
MB&BT-4	<u>Petia Genova-Kalou, Konstantin Simeonov, Radoslav Marinov, Radostina Stefanova</u> SEROEPIDEMIOLOGICAL AND MOLECULAR IDENTIFICATION OF THE AGENT OF Q FEVER IN CLINICAL SAMPLES FROM HUMANS AND CATTLE IN BULGARIA DURING 2018 – 2019
MB&BT-5	<u>P.Videv, K.Mladenova, T.Andreeva, N.Mladenov, J.H.Park, V.Moskova-Doumanova, S.Petrova, J.Doumanov</u> MORPHOLOGY OF COMPOSITE HBEST1/POPC AND HBEST1/SPHINGOMYELIN MONOLAYERS
MB&BT-6	<u>M. Ganova, S. Krumova, D. Bogdanova, L. Gartheva, S. G. Taneva, S. Todinova</u> THERMODYNAMIC FEATURES OF BLOOD PLASMA DERIVED FROM PATIENTS WITH NEURODEGENERATIVE DISEASES
MB&BT-7	<u>K. Arsov, D. Parvanov, R. Ganeva, N. Vidolova, G. Stamenov</u> ASSOCIATION BETWEEN CD4+ AND CD8+ CELLS IN THE ENDOMETRIUM OF RIF PATIENTS

MB&BT-8	Radostina Alexandrova, Desislav Dinev, Tanya Zhivkova, Lora Dyakova, Boyka Andonova-Lilova, Abedulkadir Abudalleh, Zdravka Petrova, Rossen Spasov, Daniela-Cristina Culita, Gabriela Marinescu, Crtomir Podlipnik NEW METAL [CU(II), CO(II), ZN(II)/AG(I), ZN(II)/AU(I)] COMPLEXES WITH SCHIFF BASES DECREASE VIABILITY AND 2D/3D GROWTH OF CULTURED HUMAN CANCER CELLS
MB&BT-9	Augustina Danailova, Svetla Todinova, Lidia Gartcheva, Stefka Taneva, Sashka Krumova CALORIMETRIC MARKERS FOR IGD MULTIPLE MYELOMA DETECTION
MB&BT-10	Georgi Blazhev and Velizar Shivarov DEVELOPMENT OF A NOVEL GENE EXPRESSION-BASED PROGNOSTIC SCORE IN MALIGNANT PLEURAL MESOTHELIOMA
MB&BT-11	Merilin Al Sharif, Ilza Pajeva NATURALLY-OCCURRING MODULATORS OF CORONAVIRUS INFECTIONS: VIRTUAL LIBRARY DEVELOPMENT
MB&BT-12	Merilin Al Sharif, Ilza Pajeva PPAR γ SIGNALLING IN VIRUS-INDUCED RESPIRATORY DISEASES: MODE OF ACTION NETWORKING
MB&BT-13	Radoslav Marinov, Evdokiya Belina, Georgi Dyankov, Petia Genova-Kalou STUDY OF THE KYNETIC OF THE BIMOLRCULAR INTERACTION "HOST-CELL-HERPES SIMPLEX VIRUS" IN THE CONDITION OF ONE STEP VIRUS GROWTH INFECTIOUS PROCESS
MB&BT-14	Venelin Tsvetkov, Anton Hinkov, Daniel Todorov, Kalina Shishkova, Maria Rogova, Detelina Petrova EFFECT OF RUTA GRAVEOLENS AND ASTRAGALUS GLYCYPHYLLOS EXTRACTS AGAINST HUMAN HERPES VIRUS – 1
MB&BT-15	I.Ivanova, L.Popova-Hadjiiska, A.Staynova, N.Kostova, N.Aneva, G.Savova, D.Georgieva, R.Hristova ASSESSMENT OF THE RADIOPROTECTIVE EFFECT OF CURCUMIN
MB&BT-16	Radoslava Stamboliyska, Iva Belovezhdova, Gergana Simeonova, Boyan Todorov POLYFUNCTIONAL CLICKABLE COMPOUNDS AS A USEFUL TOOL FOR BIOACTIVE MOLECULES LABELING
MB&BT-17	M. Handzhiyska, D. Parvanov, R. Ganeva, P. Tsonev, D. Vaneva, G. Stamenov ASSOCIATION BETWEEN HUMAN SPERM DEFECTS AND AGE

MB&BT-18	<u>S. Peykov, B. Kirov, M. Stancheva, T. Strateva, D. Miteva</u> CHARACTERIZATION OF A TRIMETHOPRIM/ SULFAMETHOXAZOLE-RESISTANT STENOTROPHOMONAS MALTOPHILIA CLINICAL ISOLATE FROM BULGARIA
MB&BT-19	<u>Madlena Andreeva, Albena Alexandrova, Elina Tsvetanova, Nikola Metodiev, Rossen Stefanov</u> INFLUENCE OF CRYOPRESERVATION ON THE ACTIVITY OF ANTIOXIDANT ENZYMES SUPEROXIDE DISMUTASE (SOD) AND CATALASE (CAT) IN EJACULATES OF RAMS OF INDIGENOUS BULGARIAN SHEEP BREED
MB&BT-20	<u>Georgi Petrov, Madlena Andreeva, Ivanina Georgieva, Georgi Pramatarov, Rossen Stefanov</u> STUDY OF THE RELATIONSHIP BETWEEN THE AGE OF THE BREEDERS AND THE QUALITY OF THEIR EJACULATES OBTAINED OUTSIDE THE INSEMINATION CAMPAIGN
MB&BT-21	<u>Bilyana Ilijeva, Iliyana Sazdova¹, Hristo Gagov</u> EFFECT OF OBESTATIN ON CONTRACTILITY OF EXCISED FROG HEART PREPARATIONS AFTER TREATMENT WITH DESIPRAMINE
MB&BT-22	<u>Anita Gyurova, Slavil Peykov, Tsvetan Dimitrov, Dimitrina Georgieva, Svetoslav G. Dimov</u> METAGENOMICS STUDY OF THE MICROBIOTA OF THE TRADITIONAL BULGARIAN GREEN CHEESE FROM CHERNI VIT
MB&BT-23	<u>Ivanina Vasileva, Violeta Peeva, Juliana Ivanova, Svetoslav Alexandrov, Albena Ivanova</u> EFFECT OF TEMPERATURE AND LIGHT ON THE PHYSIOLOGY AND BIOCHEMISTRY OF THE NEW BULGARIAN CYANOPROKARIOTA CHROOCOCCUS SP. R-10
MB&BT-24	<u>Iliyana Rasheva, Yoana Kizheva, Yordanka Dermendjieva, Petia Hristova</u> EVALUATION OF DIFFERENT CULTURE MEDIA FOR ENUMERATION AND DIFFERENTIATION OF LACTOBACILLUS SPECIES
MB&BT-25	<u>D. Miteva, M. Stancheva, T. Gamizova, P. Karadakova, T. Strateva, S. Peykov</u> WHOLE-GENOME SEQUENCING-BASED CHARACTERIZATION OF A METALLO-BETA- LACTAMASE PRODUCING PSEUDOMONAS AERUGINOSA ISOLATE FROM BULGARIA
MB&BT-26	<u>Boyana Angelova, Valentina Ganeva</u> ELECTROINDUCED RELEASE OF LOW MOLECULAR COMPONENTS, TOTAL PROTEIN AND B-GALACTOSIDASE FROM KLUYVEROMYCES LACTIS 1470

MB&BT-27	Ramize Hoxha, Yana Evstatieva Dilyana Nikolova ANTIBIOTIC RESISTANCE AND AGGREGATION ABILITY OF LACTOBACILLUS STRAINS ISOLATED FROM TRADITIONAL FERMENTED FOODS
MB&BT-28	Tsvetelina Paunova-Krasteva, Petya D. Dimitrova, Milka Todorova, Antoaneta Trendafilova, Stoyanka Stoitsova EFFECTS OF PLANT SESQUITERPENE LACTONES ON QUORUM SENSING-REGULATED BACTERIAL PHENOTYPES
MB&BT-29	Nikola Atanasov, Ramize Hoxha, Yana Evstatieva, Dilyana Nikolova ANTIBIOTIC SUSCEPTIBILITY AND SURVIVABILITY IN ORAL ENVIRONMENT OF NEWLY ISOLATED LACTIC ACID BACTERIA STRAINS
MB&BT-30	Veselka Georgieva, Dilyana Nikolova, Yana Evstatieva IN VITRO INVESTIGATION OF THE PRODUCTION OF INDOLE ACETIC ACID BY FIVE BACILLUS STRAINS
MB&BT-31	Tsvetana Licheva, Dilyana Nikolova, Yana Evstatieva IN VITRO AND IN VIVO EVALUATION OF PGP- ACTIVITIES OF NEWLY ISOLATED RHIZOSPHERE STRAINS
MB&BT-32	Dobromira Yaneva, Mihaela Belouhova, Yana Topalova CHANGES OF METABOLIC ACTIVITY OF BREVIBACILLUS LATEROSPORUS BT271 IN PRESENCE OF PHENOL AND ZINC
MB&BT-33	Anna-Maria Chobanova, Mihaela Belouhova, Ivaylo Yotinov, Nora Dinova, Elmira Daskalova, Yovana Todorova, Stilyana Lincheva, Irina Schneider, Yana Topalova ASSESSMENT OF ACTIVATED SLUDGE FROM MUNICIPAL ENTERPRISE FOR WASTE TREATMENT OF SOFIA CITY DURING MODEL ADAPTATION PROCESS WITH LANDFILL LEACHATE
MB&BT-34	Ivaylo Yotinov, Sia Tsoleva, Yovana Todorova, Elmira Daskalova, Stiliana Lincheva, Yana Topalova APPLICATION OF BIG DATA FOR IMPROVEMENT OF THE ASSESSMENT OF THE SELF-PURIFICATION POTENTIAL IN WATER AND SEDIMENTS OF CASCADE FROM SHPP SREDEN ISKAR
MB&BT-35	Ivaylo Yotinov, Mihaela Belouhova, Nora Dinova, Irina Schneider, Elmira Daskalova, Stiliana Lincheva, Yana Topalova RELATIONSHIPS BETWEEN BACTERIAL SEGMENT AND FAUNA COMPLEXES IN ACTIVATED SLUDGE AS AN INDICATOR APPARATUS FOR TREATMENT OF LEACHATE FROM LANDFILL

MB&BT-36	Preslava Borisova , Anelia Dobrikova, Ekaterina Yotsova, Maria Geneva, Elisaveta Kirova, Radoslav Chipilski, Evgeniy Dimitrov, Zlatina Uhr, Antoaneta V. Popova RESPONSE OF TWO WINTER COMMON WHEAT VARIETIES TO DROUGHT STRESS
MB&BT-37	Mitko Doychinov, Hristina Petkova, Ewelina Jarek, Marcel Krzan, Elena Mileva SURFACE PROPERTIES OF AQUEOUS SOLUTIONS OF BIOCOMPATIBLE SAPONINS-BASED BIOSURFACTANTS MIXTURES
MB&BT-38	Zh.Georgieva, Z.Karcheva, T.Angelova, V.Mitkova, P.Savourat, D.Petrova, G.Chaneva, M.Zhiponova PHYTOHORMONAL PLAYERS IN LAMTUM ALBUM PHYTOIMMUNITY
MB&BT-39	Kristiyana Georgieva, Lyuben Zagorchev, Denitsa Teofanova TWO-DIMENSIONAL PROTEIN PROFILING OF VARIOUS SOYBEAN (GLYCINE MAX) PRODUCTS IN REFERENCE TO DIFFERENT HYPERSENSITIVITIES
MB&BT-40	Kristiyana Georgieva, Alexandra Atanasova, Denitsa Teofanova PHAGE DISPLAY APPLICATION IN IMMUNOLOGICAL ANALYSIS OF WHEAT-DEPENDENT PATHOLOGICAL CONDITIONS
MB&BT-41	Ivanela Albanova, Viktoria Petrova, Maria Stoyanova, Denitsa Teofanova, Lyuben Zagorchev SUSCEPTIBILITY OF MEMBERS OF SOLANACEAE TO CUSCUTA CAMPESTRIS INFECTION
MB&BT-42	Denitsa Teofanova, Ivanela Albanova, Georgi Georgiev, Lyuben Zagorchev SALINITY STRESS RESPONSE OF CUSCUTA CAMPESTRIS IS AFFECTED BY THE HOST
MB&BT-43	Mariya Rogova, Detelina Petrova, Milena Petrova, Yoana Kizheva, Petya Hristova, Ganka Chaneva ANTIMICROBIAL ACTIVITY OF AQUEOUS EXTRACTS OF THE BULGARIAN ENDEMIC PLANT ACHILLEA THRACICA VELLENI
MB&BT-44	Kalina Danova, Vaclav Motyka, Petre Dobrev COULD EVOLUTIONARY FACTORS AFFECT ENDOGENOUS CYTOKININ POOLS IN HYPERICUM SPECIES IN VITRO?
MB&BT-45	A. Tomov, Z. Petkova, Z. Karcheva, D. Petrova, G. Chaneva, P. Pilarski AQUAPONICALLY CULTIVATION OF TOMATO PLANTS (SOLANUM LYCOPERSICUM L.)
MB&BT-46	D. Pecheva, D. Petrova, M. Zhiponova, G. Chaneva, V. Dimitrova, T. Ilieva, V. Savov IMPACT OF UV-B LIGHT ON CANNABIS SATIVA LEAF METABOLITE CONTENT

<p>MB&BT-47</p>	<p><u>Ekaterina Yotsova, Hisham A. Elshoky, George Rashkov, Anelia Dobrikova, Preslava Borisova, Martin Stefanov, Mohamed A. Farghali1, Khaled Farroh, Kh. El-Sayed, Heba Elsayed Elzorkany, Emilia Apostolova, Maha Anwar Ali</u> IMPACT OF SILVER NANOPARTICLES ON THE PHOTOSYNTHETIC ACTIVITY OF PEA (PISUM SATIVUM L.) UNDER SALT STRESS</p>
<p>MB&BT-48</p>	<p><u>Desislava Mantovska, Rositsa Tropcheva, Emanuela Lukach, Veneta Kapchina-Toteva, Zhenya Yordanova</u> COMPARATIVE DETERMINATION OF ANTIMICROBIAL ACTIVITY OF ENDEMIC SPECIES FROM GENUS STACHYS DURING THE PROCESS OF EX SITU CONSERVATION</p>
<p>MB&BT-49</p>	<p><u>Ivona Andonova, Radostina Stefanova, Petia Genova-Kalou, Stefka Krumova</u> MEASLES AND RUBELLA VIRUSES - CLASSICAL AND MODERN METHODS OF LABORATORY DIAGNOSIS</p>
<p>MB&BT-50</p>	<p><u>Nora Dinova, Mihaela Belouhova, Ivaylo Yotinov, Stilyana Lincheva, Irina Schneider, Yana Topalova</u> THE FLUORESCENCE IN SITU HYBRIDIZATION - AN INNOVATIVE METHOD IN THE CIRCULAR SOLUTIONS FOR RESOURCES RECOVERY IN MUNICIPAL ENTERPRISE FOR WASTE TREATMENT - SOFIA</p>