

3rd National Young Scientists Conference on Biology

CONFERENCE PROGRAM

Tuesday, November 1st, Hotel Ramada Trimontium, Plovdiv

09:00 – 10:00

Registration

10:00 – 10:30

Opening Ceremony,

Prof. Sonya Kostadinova, Dean of the Faculty of Biology

Plenary Session I

Chair: Gana Gecheva

10:30 – 11:00 Love and parting at cellular level

Prof. Evgeniya N. Ivanova, PhD, D.Sc. (*Faculty of Biology, Plovdiv University*)

11:00 – 11:30 Water – living environment for aquatic organisms and valuable resource for humans

Assoc. Prof. Emilia Varadinova, PhD (*South-West University “Neofit Rilski”; Institute of Biodiversity and Ecosystem, Research, BAS*)

11:30 – 12:00 Sustainability - theory and perceptions vs. practice and reality

Boyan Rashev, MSc (*Denkstatt*)

12:00 – 12:30 How to make undreamable dreams come true?

Victoria Beshliiska (*Writer: Glina (Clay) – Book of the Year 2021; Crystal Award for Debut of the European Awards Eurocon 2022*)

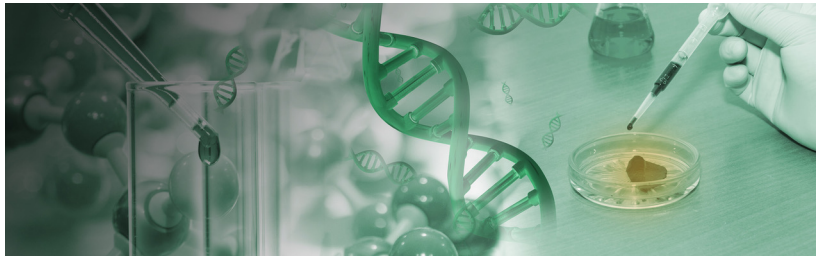
12:30 – 13:30 Lunch

Session I - Ecology, biodiversity and conservation

Chair: Dilyan Georgiev

13:30 – 13:50 Honey production and mortality rate of honey bees in the regions of Southeastern and Central Southern Bulgaria during the period 2007-2020
Nadezhda Shopova, Vesselin Alexandrov, Nikola Tsaikin

13:50 – 14:10 Assessment of the main ecological factors of the environment expressed by agrometeorological indices in the region of Southeastern Bulgaria



Gergana Takucheva, Nikola Tsaikin, Vesselin Alexandrov, Nadezhda Shopova

**14:10 – 14:30 Current floristic diversity and vegetation characteristics of habitat 2340
*Pannonic inland dunes in Bulgaria**

Magdalena Valcheva, Iva Apostolova, Desislava Sopotlieva

**14:30 – 14:50 Daily and seasonal activity patterns of the Red fox (*Vulpes vulpes*) and the
Stone marten (*Martes foina*) in protected area "Zlatiyata" (Northwestern
Bulgaria)**

Alexander Petrov, Desislava Tincheva

**14:50 – 15:10 Status of the population of *Orchis provincialis* (Orchidaceae) in the
Protected Site "Locality of Provanski salep – Lozengradtsi", Eastern
Rhodopes, Bulgaria**

Vladimir Trifonov, Vladimir Vladimirov

**15:10 – 15:30 Macrophyte-based assessment of upland rivers: bioindicators vs.
biomonitors**

**Silviya Stankova, Evelina Varbanova, Lidiya Kaynarova, Deyana Georgieva,
Violeta Stefanova, Gana Gecheva**

15:30 – 16:10 Coffee break and Poster session, Chair: Elena Apostolova

Session II - Microbiology, biochemistry and biotechnologies

Genetics, cell and molecular biology

Chair: Vesselin Baev

16:10 – 16:30 Effect of *Crocus sativus* extract evaluated in mouse model of osteoarthritis

Blagovesta Boneva, Nikolina Mihaylova, Andrey Tchorbanov

16:30 – 16:50 Enzyme bag for lactose-free milk obtaining

Donika Bivolarska, Reni Syarova, Zlatina Chengolova

16:50 – 17:10 Lactose-free nutrition plan for people with lactose intolerance



Reni Syarova, Peter Shentov, Zlatina Chengolova

17:10 – 17:30 Looking at the relationship between human Rh factor and basic personality characteristics

Stanislav Ivanov, Evgeniya Ivanova

17:30-17:50 DNA sequencing

Nedyalka Atsenova



LIST OF POSTERS

№	Title	Author(s)
1	Resource assessment of some popular species of medicinal plants in the region of the Northern Black Sea coast (Bulgaria)	Petya Boycheva , Djeni Cherneva, Dobri Ivanov
2	Correlation between retained primitive reflexes and insufficient convergence	Neli Fialkovska , Galina Ianeva
3.	Records of <i>Stictis</i> and <i>Naemacyclus</i> (<i>Ascomycota</i>) from Bulgaria	Zornitsa Stoyanova, Dimitar Stoykov
4	Traditional Knowledge of Medicinal Plants in Relation to Local Customs and Practices of the North Black Sea Coast Population	Djeni Cherneva , Dobri Ivanov
5	Knowledge of wild edible mushrooms depending on educational level in the region of Varna	Tsonka Dimitrova , Galina Yaneva, Galina Nenkova, Djeni Cherneva
6	Preliminary results of the composition, numbers and density of breeding birds in the Western Upper Thracian lowland	Polina Hristova , Georgi Popgeorgiev, Dimitar Plachiyski, Vladimir Dobrev, Hristo Dimitrov
7	Effects of microplastics (MPs) on common carp (<i>Cyprinus carpio</i> Linnaeus, 1758)	Dobrinka Todorova-Bambaldokova , Eleonora Petkova, Vesela Yancheva, Stela Stoyanova, Borislava Todorova, Iliana Velcheva, Elenka Georgieva
8	Histopathological effects in <i>Cyprinus carpio</i> L. gills caused by propamocarb hydrochloride fungicide	Eleonora Petkova , Dobrinka Todorova-Bambaldokova, Vesela Yancheva, Stela Stoyanova, Borislava Todorova, Iliana Velcheva, Elenka Georgieva
9	Therapeutic challenges in quadruple negative breast cancer	Galina Yaneva , Tsonka Dimitrova, Stoyan Stoyanov, Nikoleta Ivanova, Galina Nenkova, Neli Fialkovska, Ivaila Kuleva, Dobri Ivanov
10	Prognostic markers in quadruple negative breast cancer	Galina Yaneva , Tsonka Dimitrova, Stoyan Stoyanov, Nikoleta Ivanova, Galina Nenkova, Djeni Cherneva, Petia Boycheva, Dobri Ivanov
11	Age-dependent dynamics of ovarian hormones in hCG-primed endometrial cycle of healthy women	Maria Nikolova , Nadezhda Milova, Antoan Milov, Mladen Naydenov, Galina Yahubyan
12	Toxic effects of thiamethoxam investigated on the <i>Allium cepa</i> root meristem	Iliyana Arakelyan , Evgeniya Ivanova



№	Title	Author(s)
13	Current options in the treatment of inflammation caused by <i>Staphylococcus aureus</i> biofilm with bioactive glass S53P4	Nikoleta Ivanova , Stoyan Ivanov, Galina Yaneva, Tsonka Dimitrova, Dobri Ivanov
14	Study of the influence of organic solvents on the activity of the enzyme laccase	Angel Peshkov , Nina Dimcheva, Iliia Iliev
15	Immobilization of high-molecular glucosyltransferase URE 13-300 and characterization of the synthesized products	Stanimira Angelova , Aleksandar Grigorov, Tonka Vasileva, Veselin Bivolarski, Iliia Iliev
16	Relationship between the water microbiome and the ecological status of heavily modified water bodies in Bulgaria	Lena Ilieva , Ivan Iliev, Marinela Tsankova, Sonya Kostadinova