

Ministry of Science and Higher Education of the Russian Federation
Belgorod National Research University

THE RUSSIAN ACADEMY OF SCIENCES
(Scientific Council for Physical Chemistry)

PROGRAM
of the second International Symposium
«Innovations in Life Sciences»
19 - 20 May 2020

Belgorod, 2020

PROGRAM COMMITTEE

1. **Aleksandr Zhuchenko**, Chief Researcher, Laboratory of Ornamental Horticulture, All-Russian Institute for Horticulture and Nursery Research, Academician of the Russian Academy of Sciences, Moscow, Russian Federation;
2. **Nikolai Sidelnikov**, Director of the All-Russian Scientific Research Institute of Medicinal and Aromatic Plants, Academician of the Russian Academy of Sciences, Moscow, Russian Federation;
3. **Boris Usha**, Director of the Institute, Institute of Veterinary Medicine, Veterinary Sanitary Expertise and Agro-Security, Moscow State University of Food Production, Academician of the Russian Academy of Sciences, Moscow, Russian Federation;
4. **Aleksey Buryak**, Director of the Institute of Physical Chemistry and Electrochemistry RAS (IPCE RAS), Corresponding Member of the Russian Academy of Sciences, Moscow, Russian Federation;
5. **Aleksey Glinushkin**, Director of the All-Russian Research Institute of Phytopathology, member of the Interdepartmental Working Group "Scientific support for improving the quality of life" of the Council under the President of the Russian Federation for Science and Education, Professor of The Orenburg State Agrarian University, Corresponding Member of the Russian Academy of Sciences, Russian Federation;
6. **Ekaterina Zhuravleva**, Deputy Head of Department - Head of Science Directorate of the Department of Internal and Personnel Policy of the Belgorod Region, Doctor of Agricultural Sciences, Professor (RAS);
7. **Ashot Sagiyan**, Director of the research and production center "Armbiotechnology" NAS RA, head of Department of Pharmacy, Yerevan State University, Academician of the National Academy of Sciences of Armenia, Yerevan, Armenia;
8. **Sergei Efremov**, Deputy Director of Center physico-chemical methods of the study and analysis Al-Farabi Kazakh National University, Doctor of Chemical Sciences, Professor (Kazakhstan);
9. **Armen Trchunyan**, Chairman of the Higher Attestation Commission of Armenia, Professor, Department of Biophysics, Yerevan State University, Corresponding Member of the National Academy of Sciences of Armenia, Yerevan, Armenia;
10. **Vsevolod Adzhienko**, Director of the Pyatigorsk Medical and Pharmaceutical Institute - a branch of Volgograd State Medical University, Doctor of Medical Sciences, Professor, Pyatigorsk, Russian Federation;
11. **Dzhikhua Van**, Director of the Shandong Provincial Key Laboratory of Biophysics, Institute of Biophysics, Dezhou University (China);
12. **Mingyu Wang**, Director of Academic Affairs, Dezhou University (China);
13. **Vladimir Netsvetaev**, Chief researcher, acting Head of the Laboratory, Federal State Budgetary Scientific Institution Belgorod Federal Agrarian Scientific Center of the Russian Academy of Sciences, Doctor of Agricultural Sciences, Professor, Belgorod, Russian Federation;
14. **Natalya Pyatigorskaya**, Deputy Director of the Institute of Pharmacy and Translational Medicine "First Moscow State Medical University named after Sechenov", Doctor of Pharmaceutical Sciences, Professor, Moscow, Russian Federation;
15. **Du Yali**, Director of International Exchange and Cooperation, Dezhou University (China);
16. **Aida Kistaubaeva**, Head of the Department of Biotechnology, Kazakh National University named after al-Farabi, Doctor of Biological Sciences, Professor, Almaty, Kazakhstan;
17. **Lyudmila Korol**, Deputy Director of the Institute for Translational Medicine and Biotechnology, I.M. Sechenov First Moscow State Medical University of the Ministry of Health of the Russian Federation (Sechenov University), PhD, Pharmaceutical Sciences, Associate professor, (Russia);
18. **Irina Kosova**, Professor of the Department of Management and Economics of Pharmacy, Medical Institute, RUDN University, Doctor of Pharmaceutical Sciences, Professor (Russia);
19. **Laszlo Gergely**, expert in plant variety testing, National Food Chain Safety Office,

Budapest, PhD (Hungary).

20. **Lutfullo Eziev**, Head of the Department of Biology, Karshi University, Doctor of Biological Sciences, Professor, Karshi, Uzbekistan;

21. **Narzullo Saidov**, Dean of the Medical and Pharmaceutical Faculty of the National University of Tajikistan, Doctor of Pharmaceutical Sciences, Dushanbe, Tajikistan;

22. **Anna Panfilova**, Professor of the Department of Organization and Economics of the National University of Pharmacy, Kharkiv, Doctor of Pharmaceutical Sciences, Professor (Ukraine);

23. **Peter Langer**, Head of the Department of Organic Synthesis of the Leibniz-Institute of Catalysis, University of Rostock (Germany).

24. **Petr Solih**, Dean of the Faculty of Pharmacy, Charles University, Professor, Prague, Czech Republic;

25. **Rob van Haaren**, Hanze University of Applied Sciences, Professor, Groningen, the Netherlands;

26. **Natalya Rodionova**, Dean of the Faculty of Economics and Management, Head of the Department of Service and Restaurant Business, Voronezh State University of Engineering Technologies, Doctor of Technical Sciences, Professor, Voronezh, Russian Federation;

27. **Inna Simakova**, Department of food technology, Saratov State Agrarian University, Doctor of Technical Sciences, Professor, Saratov, Russian Federation;

28. **Felicia Gligor**, Dean of the Faculty of Pharmacy of the University of Lucian Blaga, PhD, Associate Professor, Sibiu, Romania;

29. **Anatoly Fomkin**, Head of the Laboratory of Sorption Processes, Frumkin Institute of Physical chemistry and Electrochemistry Russian academy of sciences (IPCE RAS), Chairman of the Section of Adsorption Phenomena of the Scientific Council of the Russian Academy of Sciences in Physical Chemistry, Doctor of Physics and Mathematics, Professor (Russia);

30. **Hanping Liu**, Head of the College of Physics and Electronic Information, Dezhou University (China)

31. **Jiafeng Yu**, Deputy Director, Shandong Key Biophysics Laboratory, Dezhou University, (China)

32. **Qiangcheng Zeng**, Head of the College of Natural Sciences, Dezhou University, (China);

33. **Cecilia Georzescu**, Department of Food Technology, University of Lucian Blaga, PhD, Associate Professor, Sibiu, Romania;

34. **Shicai Xu**, Shandong Key Laboratory of Biophysics, Dezhou University (China).

35. **Sridhar Narayanan**, Chief Researcher, Srinivasa Gullapalli Laboratory, PhD (India)

36. **Yunqiang Bian**, Associate Professor, Shandong Key Laboratory of Biophysics, Dezhou University (China)

37. **Beiling Zhou**, Lecturer, Shandong Key Biophysics Laboratory, Dezhou University (China)

38. **Janos Molnar**, independent expert on agriculture of the European Union and Hungary, PhD (Hungary)

39. **Yevlash Viktoriya**, Professor, Doctor of Technical Sciences, Head of the Department of Chemistry, Microbiology and Food Hygiene, Kharkiv State University of Food and Trade

ORGANIZING COMMITTEE

1. **Oleg Polukhin**, Rector of the Belgorod National Research University, Doctor of Political Sciences, Professor, Chairman, Belgorod, Russian Federation;
2. **Andrey Peresyphkin**, Vice-rector for the implementation of strategic development programs, PhD, Pedagogical Sciences, Associate Professor, Belgorod, Russian Federation;
3. **Vladislav Kuchmisty**, Vice-Rector for International Relations, PhD, Philology, Belgorod, Russian Federation;
4. **Alexey Khmyrov**, Vice-rector for innovation and production activities, PhD, Biological Sciences, Belgorod, Russian Federation;
5. **Vadim Mishunin**, acting rector for science, Belgorod National Research University, PhD, Technical Sciences, Associate Professor, Belgorod, Russian Federation;
6. **Vladimir Gerashchenko**, Vice-rector for administrative work, PhD, Sociological Sciences, Associate Professor, Belgorod, Russian Federation;
7. **Yuri Banchuk**, Director of Information Technology Development Department, Belgorod, Russian Federation;
8. **Veronika Smirnova**, Head of Public Relations and Mass Media Department, Belgorod, Russian Federation;
9. **Irina Spichak**, Director of the Institute of Pharmacy, Chemistry and Biology, Belgorod National Research University, Doctor of Pharmaceutical Sciences, Professor, Deputy Chairman, Belgorod, Russian Federation;
10. **Natalya Avtina**, Deputy Director of the Institute of Pharmacy, Chemistry and Biology, Belgorod National Research University, PhD, Pharmaceutical Sciences, Associate Professor, Belgorod, Russian Federation;
11. **Olga Lebedeva**, Head of Department of General Chemistry, Institute of Pharmacy, Chemistry and Biology, Belgorod National Research University, Doctor of Chemical Sciences, Professor, Belgorod, Russian Federation;
12. **Ulyana Crut**, Deputy Director of the Institute of Pharmacy, Chemistry and Biology, Belgorod National Research University, PhD, Biological Sciences, Belgorod, Russian Federation;
13. **Ekaterina Zubareva**, Deputy Director of the Institute of Pharmacy, Chemistry and Biology, Belgorod National Research University, PhD, Biological Sciences, Belgorod, Russian Federation;
14. **Oksana Vorobyeva**, Acting Deputy Director of the Institute of Pharmacy, Chemistry and Biology, Belgorod National Research University, PhD, Biological Sciences, Associate Professor, Belgorod, Russian Federation;
15. **Irina Batlutskaya**, Head of the Department of Biotechnology and Microbiology of the Institute of Pharmacy, Chemistry and Biology, Belgorod National Research University, Doctor of Biological Sciences, Associate Professor, Belgorod, Russian Federation;
16. **Elena Dumacheva**, Head of the Department of Biology, Institute of Pharmacy, Chemistry and Biology, Belgorod National Research University, Doctor of Biological Sciences, Associate Professor, Belgorod, Russian Federation;
17. **Elena Zhilyakova**, Head of the Department of Pharmaceutical Technology, Institute of Pharmacy, Chemistry and Biology, Belgorod National Research University, Doctor of Pharmaceutical Sciences, Professor, Belgorod, Russian Federation;
18. **Irina Zhirova**, Head of the Department of Management and Economics of Pharmacy of the Institute of Pharmacy, Chemistry and Biology, Belgorod National Research University, PhD, Pharmaceutical Sciences, Belgorod, Russian Federation;
19. **Nina Myachikova**, Head of the Department of Product Technology and Catering Organization of the Institute of Pharmacy, Chemistry and Biology, Belgorod National Research University, PhD, Technical Sciences, Associate Professor, Belgorod, Russian Federation;
20. **Svetlana Kontsevaya**, Head of the Center for Innovative Veterinary Medicine of Belgorod State Agricultural University named after V. Gorin, Doctor of Veterinary Sciences, Professor, Belgorod, Russian Federation;
21. **Marina Grechitaeva**, Director of the Exposition and Exhibition Center "Nature

of Belogorye", Doctor of Biological Sciences, Professor, Belgorod, Russian Federation;

22. **Jiang Liu**, PhD, Lecturer, Dezhou University;

23. **Beiling Zhou**, PhD, Lecturer, Dezhou University;

24. **Jing Liu**, Office Administrator, Dezhou University.

PROGRAM
OF THE II INTERNATIONAL SYMPOSIUM
«Innovations in Life Sciences»

May 19

11:00 – 13:30	Plenary Session Part 1.	videoconference
14:00 – 16:30	Plenary Session Part 2.	videoconference

May 20

10:00 – 16:00	Ecological Questions, Environmental Issues and Environmental Education in Modern World (Belgorod National Research University)	videoconference
10:00 – 12:00	Pharmaceutical cluster as an integration of science, education and production (Belgorod National Research University)	videoconference
14:00-16:00	Fundamental and applied aspects of biotechnology and microbiology (Belgorod National Research University)	videoconference
14:00 0 16:00	Innovations in technology of the food industry (Belgorod National Research University)	videoconference
10:00-16:00	Sorbents as factors of quality of life and health (Belgorod National Research University)	videoconference
10:00-12:00	Biosafety as the basis of pharmaceutical production and veterinary medicine (Belgorod State Agricultural Univerisity named after V. Gorin)	videoconference
10:00 – 12:00	Nano-biosensor and computer biology in life science (Dezhou University, China)	videoconference

May 19
Plenary session
Part 1
11:00 – 13:30

№ п/п	Speaker's full name	Report title
1	Oleg Polukhin , Rector of the Belgorod National Research University (Russia)	Salutatory word
2	Zhao Shengzun , Rector of Dezhou University. (China)	Salutatory word
3	Irina Spichak , Director of the Institute of Pharmacy, Chemistry and Biology, Belgorod National Research University, Doctor of Pharmaceutical Sciences (Russia)	Salutatory word
4	Ekaterina Zhuravleva , Head of the Science Department of the Department of Internal and Personnel Policy of the Belgorod Region, Professor of the Russian Academy of Sciences, Doctor of Agricultural Sciences (Russia)	Modern plant breeding in Russia's food security solution
5	Alexey Glinushkin , corresponding member of the Russian Academy of Sciences, Director of the all-Russian research Institute of Phytopathology, member of the Interdepartmental working group "Scientific support for improving the quality of life" of the Council under the President of the Russian Federation for Science and Education, Professor of the Orenburg State Agrarian University G.V. Petrova (Russia)	Cultivation of cultivated plants according to the technology of plant protection
6	Nikolay Sidelnikov , Academician of the Russian Academy of Sciences, Director of the All-Russian Scientific Research Institute of Medicinal and Aromatic Plants, professor of the Belgorod National Research University, Doctor of Agricultural Sciences Praskovya Mizina , Deputy Director for research, All-Russian Scientific Research Institute of Medicinal and Aromatic Plants, Doctor of Pharmaceutical Sciences (Russia)	Medicinal plants and preparations based on them with antimicrobial and antiviral activity developed in VILAR
7	Alexander Zhuchenko , Academician of the Russian Academy of Sciences, Federal Horticultural Research Center for Breeding, Agrotechnology and Nursery, Federal scientific center of bast crops, Doctor of Biological Sciences. (Russia)	The role of plant breeding in sustainable agricultural development
8	Usha Boris , Academician of the Russian Academy of Sciences, Director of the Institute of veterinary medicine, veterinary and sanitary expertise and agro-safety, Moscow state University of food production, Doctor of veterinary Sciences, Professor (Russia)	Biological safety of the environment and livestock products
9	Janos Molnar , independent expert on agriculture of the European Union and Hungary, PhD, (Hungary) Laszlo Gergely, expert in plant variety testing, National Food Chain Safety Office, Budapest, PhD (Hungary)	Ecological and nature conservation measures presented on the Hungarian example of integrated protection against Stolbourg potato phytoplasmic disease
10	Bailin Zhou , Professor of the University of Dezhou, PhD, (China)	Using deep learning techniques to predict functional long non-coding RNA
11	Valerie Tokhtar' , Director of "Belgorod State University Botanical Garden" Research and Education Centre, Doctor of Biological Sciences (Russia)	Development of scientific directions of Belgorod State University Botanical Garden" Research and Education Centre

Plenary session

Part 2

14:00 – 16:30

№ п/п	Speaker's full name	Report title
1	Alexey Buryak , corresponding member of the Russian Academy of Sciences, Director of Frumkin Institute of Physical chemistry and Electrochemistry Russian academy of sciences (IPCE RAS), Doctor of Chemistry Sciences (Russia)	Gas and liquid chromatography on carbon sorbents in environmental and biomedical research.
2	Xikai Xu , Professor of Dezhou University, PhD, (China)	G-FET and SERS biosensors
3	Yunqing Bian , Professor of Dezhou University, PhD, (China)	A look at the complex folding dynamics of non-canonical DNA structures from computer modeling and machine learning
4	Sridhar Narayanan , Chief Researcher Srinivasa Gullapalli Laboratory, PhD, (India)	Development of DPP-IV inhibitors for diabetes: an example from India
5	Ashot Sagiyan , academician of the national Academy of Sciences of Armenia, Director of the Institute of pharmacy of Yerevan state University, Doctor of Chemistry Sciences, Professor (Armenia)	Potentially pharmacophoric unusual amino acids and peptides. Synthesis and screening.
6	Sergey Efremov , associate Director of Center Physico-Chemical Methods of the Study and Analysis, Al-Farabi Kazakh National University, academician of the Kazakhstan national Academy of natural Sciences, Doctor of Chemistry Sciences, (Kazakhstan)	Functional sorbents for the extraction of gold from refractory ores of East Kazakhstan
7	Armen Trchunyan , corresponding member of the national Academy of Sciences of Armenia, Head of the Department of Biochemistry, Microbiology and Biotechnology of Yerevan State University, Doctor of Biological Sciences, Professor (Armenia)	Antibacterial, antioxidant and antihyperglycemic activity of extracts of some plants growing in Armenia and in hydroponic conditions
8	Leonid Yeziev , Head of the Department of Botany and Ecology, Doctor of Biological Sciences, Professor, Sherkulova J.P. , Head of the Department of biotechnology and Microbiology, PhD, Karshi state University (Uzbekistan)	Pathogenic micromycetes of woody plants introduced in southern Uzbekistan
9	Viktoriya Yevlash , Professor, Doctor of Technical Sciences, Head of the Department of Chemistry, Microbiology and Food Hygiene, Kharkiv State University of Food and Trade	Practical aspects of using nanoparticles in food technologies
10	Inna Solyanikova , Director of the regional microbiological center , Belgorod National Research University, Doctor of Biological Sciences (Russia)	Microbial technologies: problems and achievements
11	Sergey Nadezhdin , Head of the research laboratory "Reproductive and DNA technologies», Belgorod National Research University PhD, Biological Sciences (Russia)	Regenerative biology for veterinary medicine

May 20, 2020

SESSION OF
sections of the international Symposium «Innovations in
Life Sciences» Performance time limit 7 minutes

Section «Ecological Questions, Environmental Issues and Environmental Education in
Modern World»

(head of section Elena Dumacheva)

Video conferencing access mode: ZOOM platform

10.00 – 13.30 Section meeting
13.30 – 14.00 Break
14.00 – 16.00 Continuation of the section meeting. General discussion

№	Speaker's full name	Report title
1.	Marina Grechitaeva Belgorod National Research University, Belgorod; Kolokoltseva M.A. , Astrakhan State University, Astrakhan	Formation of ecological culture among subjects of inclusive education in the process of exposition activities
2.	<u>Natalia Voronkova</u> Omsk State Technical University, Omsk; Volkova V.A., Nadezhda Tsyganova, Natalia Balabanova, Vera Doronenko ФГБНУ «ОМСКИЙ АИЦ», г. Омск	Ecological techniques for optimizing the nutrition of spring wheat
3.	<u>Elena Smirnova, Marina Zanina,</u> Balashov Institute (branch), Saratov State University, Balashov	Distribution and population structure of <i>Bulbocodium versicolor</i> (Ker - Gawl.) Spreng. in landscape catenas of the Oka-don plain
4.	<u>Nadezhda Kotsareva,</u> Dmitry Okhrimchuk, Petr Tolmachev, Vladimir Bredikhin, Belgorod State Agricultural Univerisity Named After V. Gorin, Belgorod National Research University, Belgorod	Influence of Effluorst liquid organic fertilizer on economically valuable indicators of vegetable crops
5.	<u>Irina Koryazhmina, Valery Tokhtar,</u> Belgorod National Research University, Belgorod State University Botanical Garden” Research and Education Centre, Belgorod	Features of the formation of phytobiota in mosaic natural and anthropogenically transformed ecotopes in the southwest of the Central Russian upland
6.	<u>Kurbonali Partoev, Hakim</u> Akhmedov, Mirzoali Safarmadi, Institute of Botany, Physiology and Plant Genetics of the Academy of Sciences of the Republic of Tajikistan, Dushanbe, Tajikistan	Study of Jerusalem artichoke (<i>Helianthus</i> <i>tuberosus</i> L.) in different ecological conditions of Tajikistan

7.	<u>Imatbek Nihmonov, Kurbonali Partoey,</u> Institute of Botany, Physiology and Plant Genetics of the Academy of Sciences of the Republic of Tajikistan, Dushanbe, Tajikistan	Potato productivity in the mountain zone of Badakhshan Tajikistan and Afghanistan
8.	<u>Elena Dumacheva, Vladimir Chernyavskikh, Konoplev V. V., Tatiana Glubcheva, Polshchikova T.S., Svetlana Korolkova, Daniil Koryakov,</u> Belgorod National Research University, Belgorod	Ecological and biological features of Phacelia tanacetifolia Benth. in different ecotopes of the South of European Russia
9.	<u>Sergey Yusupov, Eduard Snegin, Anatoly Barkhatov, Olesya Artemchuk,</u> Belgorod National Research University, Research Center for Genomic Selection, Belgorod	Assessment of the degree of DNA damage in populations of lake frogs (PELOPHYLAX RIDIBUNDUS) in Belgorod by the method of DNA comets
10.	<u>Anatoly Barkhatov., Eduard Snegin, Anton Sychev, Elena Snegina,</u> Belgorod National Research University, Research Center for Genomic Selection, Belgorod	Species composition of the green frogs complex (Pelophylax Esculentus Complex) of the Belgorod agglomeration based on DNA markers
11.	<u>Polyakova L.V.,</u> All-Russian Research Institute of Forest Genetics, Breeding and Biotechnology, Voronezh	Effect of secondary metabolites on microclonal propagation of pedunculate oak seedlings (Quercus robur L.)
12.	<u>Alexander Kosov, Medvedev S.V., Rudykh A.E.</u> Belgorod National Research University, Belgorod	Formation of a new educational space: from theory to practice
13.	<u>Boris Paponov, Samokhvalova M.S., Yakimenko D.D., Maxim Tilinin, Malysheva I.A., Rakityansky D.A., Tarasova N.P.,</u> Belgorod National Research University, Belgorod	Synthesis of Ehrlich dyes based on azolopyrimidinium salts and changes in their properties upon opening of theazole fragment of the bicycle
14.	<u>Alexey Severin,</u> Belgorod National Research University, Belgorod	Innovative technologies in the production of sorbents as a factor of quality of life and health
15.	<u>Elsa Goncharova,</u> All-Russian Institute of plant genetic resources named after N. I. Vavilov, Saint-Petersburg	Concept of ecological and genetic analysis of plant development algorithms
16.	<u>Sitnikov M.N., Elsa Goncharova,</u> All-Russian Institute of plant genetic resources named after N. I. Vavilov, Saint-Petersburg	Ecological-physiological and genetic-molecular control of adaptive potential of plants

17.	Vladimir Chernyavskikh , Presidium of the Russian Academy of Sciences, Moscow; Pravdin V.G. , Kharlamova I.A. , Elena Dumacheva , Svetlana Korolkova , Daniil Koryakov , Natalia Sopina , Belgorod National Research University, Belgorod	Prospects for the use of microbiological preparations for the reproduction of rare species of tree and shrub vegetation in the south of the Central Russian Upland
18.	Valerie Tokhtar' , Belgorod National Research University, Belgorod State University Botanical Garden" Research and Education Centre, Belgorod	Comparative analysis of the distribution of species of the genus <i>Oenothera</i> L. in Eastern Europe
19.	Nadezhda Patsukova , Valerie Tokhtar' , Dmitry Velikikh , Belgorod National Research University, Belgorod State University Botanical Garden" Research and Education Centre, Belgorod	Woody plants of the collection of Central Asia in the botanical garden of Belgorod University, brief results of the introduction
20.	Elizaveta Zvateva , Tatiana Glubcheva , Tarasenko E.A. , Svetlana Grigorenko , Belgorod National Research University, Belgorod	The mobility of the carbohydrates in the bulbs of tulips
21.	Tatiana Kadatskaya , Tkhaganov V.R. , Tatiana Mironenko , Valery Maslyakov , All-Russian Scientific Research Institute of Medicinal and Aromatic Plants (North Caucasian branch), Krasnodar region	Preliminary results of research on the biological diversity of medicinal plants in some areas of the North Caucasus
22.	Angelica Gorbacheva , Tatiana Pogrebnyak , Elena Horokholskaya , Irina Salagaeva , Belgorod National Research University, Belgorod	Dynamics of brain electroencephalogram correlates of activity of subcortical structures of the bird brain under conditions of chronic stress
23.	Tatiana Pogrebnyak , Elena Horokholskaya , Oksana Vorobyova , Irina Salagaeva , Belgorod National Research University, Belgorod	Comparative analysis of habitus and behavioral reactions in birds under conditions of desynchronization
24.	Tatiana Glubcheva , Vladimir Chernyavskikh , Elena Dumacheva , Svetlana Grigorenko , Belgorod National Research University, Belgorod	Evaluation of bioecological features of <i>Tulipa biebersteiniana</i> Schult. et Schult. fil. in local populations of the Belgorod region

25.	<u>Julia Gabelko</u> , Municipal budgetary educational institution "Gymnasium No. 5", Belgorod; Elena Horokholskaya , Belgorod National Research University, Belgorod	Features of adaptation of schoolchildren to the academic load
26.	<u>Marina Kizilova</u> , Municipal institution of additional education "Station of young naturalists of the Belgorod district of the Belgorod region", Belgorod; Elena Horokholskaya , Belgorod National Research University, Belgorod	Ecological education in the system of additional education of natural science orientation as one of the factors of greening the thinking of modern children
27.	<u>Angelica Gorbacheva</u> , Oksana Vorobyova, Svetlana Korolkova, Yulia Shchedrina, Vladimir Chernyavskikh, Elena Dumacheva, Biryukov D.V., Belgorod National Research University, Belgorod	Ecological features of species diversity and number of insect-pollinating species on M. sativa seed crops
28.	Oksana Vorobyova, <u>Angelica</u> <u>Gorbacheva</u>, Vladimir Chernyavskikh, Elena Dumacheva, Svetlana Korolkova, Daniil Koryakov, Filatov S.V., Sotnikova E.B., Belgorod National Research University, Belgorod	The state of the entomophilous fauna on the crops of Hyssopus officinalis L. depending on the ecotope conditions
29.	Tatiana Glubcheva, Jurabek Toshtemirov , Belgorod National Research University, Belgorod	Ploidy tulips
30.	<u>Zhanna Borodaeva, Kattaboeva</u> G.S., Berdiev M.F. Belgorod National Research University, Belgorod	Ecological and biological features of the accumulation of trace elements in M. varia Mart.
31.	<u>Natalia Sopina, Denis</u> Sopin, Valeria Sokolova., Belgorod National Research University, Belgorod	Assessment of the functional state of the organism of students of Belgorod National Research University

32.	<u>Anastasia Kovalenko,</u> Chernyavskikh S.D., Tatiana Pogrebnyak, Irina Salagaeva, Belgorod National Research University, Belgorod	Environmental aspects of physiological adaptation of first-year students to University conditions
33.	<u>Mikhail Aglotkov,</u> Alexander Ignatenko, Svetlana Korolkova, Belgorod National Research University, Belgorod	Current issues of ecological breeding of <i>H. annuus</i> L. for herbicide resistance
34.	<u>Daria Maslova,</u> Tatiana Pogrebnyak, Elena Horokholskaya, Irina Salagaeva, Belgorod National Research University, Belgorod	Aerobic potential and adaptation to the environment of 11-15-year-old schoolchildren
35.	Tatiana Pogrebnyak, <u>Daria Maslova,</u> Elena Horokholskaya, Irina Salagaeva, Belgorod National Research University, Belgorod Lyudmila Vetrova, Infectious Clinical Hospital named after E.N. Pavlovsky, Belgorod	Ecology of health: factors of distribution and consequences of manifestation of viral hepatitis.
36.	<u>Vinokhodov A.S., Marvnich M.N.,</u> Belgorod National Research University, Belgorod	Ecology of cereals in the Belgorod region
37.	<u>Filatov S.V., Sotnikova E.B.,</u> Belgorod National Research University, Belgorod	The main directions of use of medicinal hyssop
38.	<u>Ponomareva A.S.,</u> Belgorod National Research University, Belgorod	Ecological features of species of the genus <i>Trifolium</i> L. in the Central Black Earth region
39.	<u>Romanenko N.Yu., Naplekova O.A.,</u> Elena Dumacheva, Belgorod National Research University, Belgorod	Ecological features of sage species of the Belgorod region
40.	<u>Ospanova N.E.,</u> Vladimir Chernyavskikh, Belgorod National Research University, Belgorod	Nettle species as a valuable biological resource of polyfunctional significance

Section «The pharmaceutical cluster as an integration of science, education and production»

(moderator of section I.V. Spichak, E.T. Zhilyakova)

Video conferencing access mode: ZOOM platform

10.00 – 13.00 Section meeting

№	Name, surname, position	Title of the report
1.	<u>Panfilova A.L.</u> National University of Pharmacy, Kharkiv, Ukraine	Analysis of the problems and prospects for the development of the Ukrainian pharmaceutical market in the context of the socio-economic crisis in the country
2.	<u>Filina I.A.</u> Oryol State University (OSU), Oryol	Working conditions of pharmacy workers in the Oryol province: past and present
3.	<u>Lupanova I.A.</u> All-Russian Research Institute of Medicinal and Aromatic Plants, Moscow	Specific enzymatic biotest systems in assessing the antimicrobial activity of herbal medicines in in vitro experiments
4.	<u>Kitaeva M.P.</u> All-Russian Research Institute of Medicinal and Aromatic Plants, Moscow	Medicinal plant raw materials as a source of anticancer drugs
5.	<u>Alekperova N.V.</u> Bogomolets National Medical University, Kyiv, Ukraine	Leadership Development Opportunities in the Field of Pharmaceutical Education (Alekperova N.V.)
6.	<u>Ogar S.V.</u> Institute for Advanced Training of Pharmacy Specialists National University of Pharmacy, Kharkiv, Ukraine	Modern approaches to the development of a distance course for advanced training of pharmacy specialists
7.	<u>Krol T.A.</u> All-Russian Research Institute of Medicinal and Aromatic Plants, Moscow	The qualitative composition of ellagotannins of plants of the Kizilovyie family and their pharmacological activity.
8.	<u>Baskakova A.V.</u> Centre for Strategic Planning of FMBA of Russia, Moscow <u>Avtina N.V.</u> Belgorod National Research University, Belgorod	Expert assessment systems for drug development and research in pharmacy
9.	<u>Gubsky S.M.</u> Kharkiv State University of Food Technology and Trade, Kharkiv, Ukraine	Validation of coulometric methods for quantitative analysis of drugs
10.	<u>Boyko E.V., Spichak I.V.</u> Belgorod National Research University, Belgorod	Research of the range of additional services, provided by pharmacy organizations
11.	<u>D.K. Naplekov,</u> Belgorod National Research University, Belgorod Charles University in Prague, Prague, Czech Republic	Characteristics of soft contact lenses as carriers of medicinal substances for the treatment of ophthalmic diseases

12.	<u>Bondarev A.V., Bondareva N.N.,</u> Belgorod National Research University, Belgorod	Development of the composition and technology of obtaining a mineral sorbent with silver
13.	<u>Norin A.M.,</u> MIREA - Russian Technological University, Moscow	Directed synthesis of oligohexamethylene guanidine salt using microfluidic technologies
14.	<u>Sterin I.V.,</u> MIREA - Russian Technological University, Moscow	Study of quality indicators of monoclonal antibodies
15.	<u>Voroshilova E.A.,</u> MIREA - Russian Technological University, Moscow	Development of production technology and standardization of lanthanum complex as a pharmaceutical substance
16.	<u>Krupenchenkova N.V.,</u> MIREA - Russian Technological University, Moscow	Development of a project for production sites for succinate oligohexamethylene guanidine and a finished dosage form based on it
17.	<u>Ivaschenkova A.O., Spichak I.V.,</u> Belgorod National Research University, Belgorod	Studying aspects of pharmaceutical consulting in pharmacy organizations
18.	<u>Zhirova I.V.,</u> Belgorod National Research University, Belgorod Hovhannisyan M.V., Yerevan State University, Yerevan, Armenia	Investigation of the ways to increase the efficiency of pharmacy employees used in Russia and Armenia
19.	<u>Varenykh G.V.,</u> Belgorod National Research University, Belgorod	Dynamics of the health status of the population in the Belgorod region, its assessment and prognosis
20.	<u>Babanina T.N.,</u> Belgorod National Research University, Belgorod	Research of the competitiveness of multivitamins used for the prevention and treatment of climacteric disorders in women in the pharmaceutical market of the Belgorod region

Section «Fundamental and applied aspects of biotechnology and microbiology»

(moderator of section I.V. Batlutskaya)

Video conferencing access mode: ZOOM platform

14.00 -16.00 Section meeting

№	Name, surname, position	Title of the report
1.	<u>Belkozhaev A. M.</u> , Al-Farabi Kazakh National University, Almaty, Kazakhstan	The characteristics of ID01508.5p-miR, ID03332.3p-miR and ID02064.5p-miR binding sites in mRNA genes having trinucleotide repeats in CDS
2.	<u>Glodik T.V., Maslova E.V., Semykina V.V., Chernykh V.</u> , Belgorod National Research University, Belgorod	Study of antibacterial activity of cell culture and aerial part of <i>Ballota nigra</i> L.
3.	<u>Klyueva V.V., Boyarshin K.S., Degtyareva K.A.</u> , Belgorod National Research University, Belgorod	Seasonal dynamics of unwanted microflora of BGS "Luchki" effluent
4.	<u>Knvazeva I.V.</u> , Federal Scientific Agroengineering Center VIM, Moscow <u>Sorokopudova O.A., Sorokopudov V.N.</u> , Russian State Agrarian University - Moscow Timiryazev Agricultural Academy, Moscow	Study of the aftereffect of in vitro storage on the processes of subsequent clonal micropropagation of berry crops
5.	<u>Kurkina Yu.N., Gushchina Yu.V., Travkin V.M., Solyanikova I.P.</u> , Belgorod National Research University, Belgorod	Lignolytic Activity of Molds and Bacteria: Biotechnological Applications
6.	<u>Lyakhovchenko N.S., Senchenkov V.Yu., Myagkov D.A., Batlutskaya I.V., Sirotin A.A., Solyanikova I.P.</u> , Belgorod National Research University, Belgorod	Microorganisms of grain phyllosphere - assessment of biotechnological potential
7.	<u>Nechaeva A.Yu., Beshpalova O.S., Boyarshin K.S., Klyueva V.V., Batlutskaya I.V.</u> , Belgorod National Research University, Belgorod	Analysis of the 16S rRNA gene variability of soil nitrifying bacteria of the genus <i>Nitrosomonas</i>
8.	<u>Nikolaeva O.O., Maslova E.V.</u> , Belgorod National Research University, Belgorod	On the antibacterial properties of an anti- tuberculosis drug
9.	<u>Romanov V.S., Timin N.I., Pivovarov V.F., Romanova O.V.</u> , Federal Scientific Vegetable Cente, Moscow	Obtaining polyploid forms of interspecific onion hybrids using biotechnology methods
10.	<u>Romanova O.V., Logunova V.V., Romanov V.S.</u> , Federal Scientific Vegetable Cente, Moscow	Obtaining haploid plants of onion crops
11.	<u>Semykina V.V., Maslova E.V., Glodik T.V., Vlasenko Yu.</u> , Belgorod National Research University, Belgorod	Obtaining an isolated plant culture of the family <i>Hypericaceae</i>

12.	<u>Senchenkov V.Yu.</u>, Lyakhovchenko N.S., Myagkov D.A., Batlutskaya I.V., Sirotn A.A., Solyanikova I.P., Belgorod National Research University, Belgorod	Evaluation of the growth rate of Rhodotorula sp. depending on the growth substrate
13.	<u>Yatsenko V.A.</u>, Boyarshin K.S., Zubareva E.V., Dammers P., Batlutskaya I.V., Belgorod National Research University, Belgorod	Effect of a static magnetic field on the expression of caspase-3 and interleukin-8 in an immortalized culture of apoptotic tumor cells of the HL-60 line

Section «Innovation in nutrition technology»
(moderator of section N.I. Myachikova)
Video conferencing access mode: ZOOM platform

14.00 – 16.00 Section meeting

№	Name, surname, position	Title of the report
1.	<u>Sokolov A.Yu.</u> Plekhanov Russian University of Economics, Moscow Moscow State University of Food Production, Moscow Baranov B.A. , Plekhanov Russian University of Economics, Moscow Myachikova N.I. , Belgorod National Research University, Belgorod	Influence of natural gelling agents on the structure and properties of culinary products
2.	<u>Deineka L.A., Blinova I.P., Amrenova E., Zhakiyanova A.</u> Belgorod National Research University, Belgorod	Tea and coffee antioxidants and the role of caffeine
3.	<u>Vasyukova A.T., Boyko G.Yu., Kononenko M.M., Vasyukov M.V., Kushnarenko A.S.</u> , Moscow State University of Technology and Management, Moscow Myachikova N.I. , Belgorod National Research University, Belgorod	Influence of sodium alginate on the formation of the structure of products from minced meat and cutlet mass
4.	<u>Knvazeva I.V., Grishin A.P., Grishin A.A., Semenova N.A., Grishin V.A., Dorokhov A.S.</u> , Federal Scientific Agroengineering Center VIM, Moscow	The effect of dissolved oxygen on the productivity of microgreens
5.	<u>Blinova I.P., Deineka L.A.</u> , Belgorod National Research University, Belgorod	Cherry juice quality: antioxidant activity, anthocyanin content, acidity
6.	<u>Simakova I.V., Simakov A.N.</u> , Saratov State Agrarian University named after N.I. Vavilov», Saratov	Comparative characteristics of white and black varieties of Ceylon tea based on morphological characteristics of the leaf
	<u>Durnova N.A., Simakova M.A., Isaev D.S.</u> , Saratov State Medical University named after V.I. Razumovsky (Razumovsky University), Saratov	
7.	<u>Oleinits E.Yu., Kulchenko Ya.Yu., Deineka V.I.</u> , Belgorod National Research University, Belgorod	Antioxidant activity of tulip flower extracts for the food industry

8.	Zuev N.P., Marmurova O.M., Aristov A.V., Slashchilina T.V., Voronezh State Agricultural University after Emperor Peter the Great, Voronezh Myachikova N.I., Belgorod National Research University, Belgorod	Assessment of the quality of ostrich meat when using DAFS-25
9.	Myachikova N.I., Binkovskaya O.V., Boltenko Yu.A., Remnev A.I., Korotkikh I.Yu., Zinovieva I.G., Belgorod National Research University, Belgorod	Theoretical and practical aspects of the production of powdered semi-finished product from mushrooms
10.	Sorokopudov V.N., Sorokopudova O.A., Russian State Agrarian University - Moscow Timiryazev Agricultural Academy, Moscow; Myachikova N.I., Belgorod National Research University, Belgorod Kuklina A.G., Tsytin Main Moscow Botanical Garden of Academy of Sciences, Moscow	The effect of isostatic pressing on the quality indicators of plant products (for example, Lonicera Caerulea L.)
11.	Aksonova O.F., Gubsky S.M., Torianik D.O., Yevlash V.V., Kharkiv State University of Food Technology and Trade , Ukraine, Kharkiv; Varyonyh G.V., Belgorod National Research University, Belgorod	The technology of cheesecake with sucralose

Section «Sorbents -as factors of quality of life and health»

(moderator of section O.E. Lebedeva, A.I. Vezentsev)

Video conferencing access mode: ZOOM platform

10.00 – 13.30 Section meeting
 13.30 – 14.00 Break
 14.00 – 16.00 Section meeting. General discussion

№	Name, surname, position	Title of the report
1.	<u>Belchinskaya L.I., Khodosova N.A., Novikova L.A., Zhuzhukin K.V.,</u> Voronezh State University of Forestry and Technologies named after G.F. Morozov, Voronezh	Features of the influence of EMF microwave and SIMP on the adsorption-desorption processes of aluminosilicates
2.	<u>Khodosova N.A., Belchinskaya L.I., Novikova L.A., Zhuzhukin K.V.,</u> Voronezh State University of Forestry and Technologies named after G.F. Morozov, Voronezh <u>Strelnikova O.Yu.,</u> MESC AF «N.E. Zhukovsky and Y.A. Gagarin Air Force Academy», Voronezh	Comparison of acid and electromagnetic pretreatments of clinoptilolite for wastewater treatment from formaldehyde, copper and zinc ions
3.	<u>Kadutskaya L.A., Bukhanov V.D., Vezentsev A.I., Arsenko E.A.,</u> Belgorod National Research University, Belgorod	Method for determining the sensitivity of microorganisms to sorption drugs
4.	<u>Nurasyl T.E.,</u> Al-Farabi Kazakh National University, Almaty, Kazakhstan <u>Vezentsev A.I., Volovicheva N.A.,</u> Belgorod National Research University, Belgorod	Textural characteristics of expanded vermiculite of the Tatar deposit, Krasnoyarsk Territory
5.	<u>Korolkova S.V., Vezentsev A.I., Volovicheva N.A., Peristava L.F.,</u> Belgorod National Research University, Belgorod	Bentonite Clays as Universal Sorbents for Cleaning Biosphere Components
6.	<u>Sovetova K.S.,</u> Al-Farabi Kazakh National University, Almaty, Kazakhstan <u>Volovicheva N.A., Vezentsev A.I.,</u> Belgorod National Research University, Belgorod	Kinetics of sorption of ammonium ions on native clay of the Tagansky deposit
7.	<u>Voronyuk I.V., Eliseeva T.V., Selemenev V.F., Sviridova E.S., Azarova E.V., Zaitseva N.P.,</u> Voronezh State University, Voronezh	Equilibrium characteristics of the sorption of para- hydroxybenzaldehyde from aqueous solutions by activated carbon noritgac 1240w
8.	<u>Golovin S.N., Yapryntsev M.N., Ryltsova I.G., Tarasenko E.A., Lebedeva O.E.,</u> Belgorod National Research University, Belgorod	Synthesis and study of a magnetic sorbent with a hydrotalcite structure
9.	<u>Gorbunova N.M., Vezentsev A.I.,</u> Belgorod National Research University, Belgorod	Optimal conditions for the modification of bentonite-like clay with sulfuric acid
10.	<u>Damindarova V.N., Lebedeva O.E.</u> Belgorod National Research University, Belgorod	Stages of the formation of the structure of layered double hydroxides containing tin cations

11.	<u>Dudoladov A.O., Alekhina M.B., Vologurina A.K.,</u> D. Mendeleev University of Chemical Technology of Russia (D. Mendeleev University, MUCTR), Moscow Revina A. A., D. Mendeleev University of Chemical Technology of Russia (D. Mendeleev University, MUCTR), Moscow The Institute of Physical Chemistry and Electrochemistry RAS (IPCE RAS), Moscow	Modification of Y and ZSM-5 zeolites by adsorption of transition metal nanoparticles from reverse micellar solutions for the separation of gas mixtures
12.	<u>Zakharova M.V., Uspenskaya M.V.,</u> ITMO University, Saint-Petersburg	Influence of microparticles of bentonite on the mechanical properties and morphology of thin coatings based on starch and gelatin.
13.	<u>Zuev N.P.,</u> Voronezh State Agricultural University after Emperor Peter the Great, Voronezh Bukhanov V.D., Vezentsev A.I., Lopanov A.N., Krut U.A., Belgorod National Research University, Belgorod Zueva E.N., Yakovleva I.N., Belgorod State Agricultural University named after V. Gorin, Maysky village	Experimental substantiation of the use of enrofloxacin in colibacillosis of chickens
14.	<u>Yavnikov N.V., Zuev S.N.,</u> Belgorod State Agricultural University named after V. Gorin, Maysky village Zuev N.P., Voronezh State Agricultural University after Emperor Peter the Great, Voronezh Vezentsev A.I., Bukhanov V.D., Krut U.A., Belgorod National Research University, Belgorod Lopanov A.N., Belgorod Shukhov State Technological University, Belgorod	Study of the harmless and specific activity of the silver form of montmorillonite containing sorbent
15.	<u>Kontsevenko V.V., Kontsevenko A.V., Zuev S.N.,</u> Belgorod State Agricultural University named after V. Gorin, Maysky village Zuev N.P., Voronezh State Agricultural University after Emperor Peter the Great, Voronezh Vezentsev A.I., Krut U.A., Bukhanov V.D., Belgorod National Research University, Belgorod	New import-substituting mineral sorption additive "Karbosil" for pigs
16.	<u>Kon'kova T.V., Rysev A.P., Morozov V.M., Oganessian D.D.,</u> D. Mendeleev University of Chemical Technology of Russia (D. Mendeleev University, MUCTR), Moscow	Adsorption of anionic impurities from aqueous solutions by modified montmorillonite.
17.	<u>Le Ouoc Pham, Uspenskaya M.V., Olekhovich R.O.,</u> ITMO University, Saint-Petersburg	Application of PVC-based nanofibers as a sorbent.

18.	<u>Mikhailvukova M.O., Vezentsev A.I., Bukhanov V.D., Sokolovsky P.V.,</u> Belgorod National Research University, Belgorod Russian Academy of Sciences, N.D. Zelinsky Institute of Organic Chemistry, r. Moscow	Application of adsorption models to describe the equilibrium in the system bentonite clay-methylene blue
19.	<u>Nakisko E.Yu., Nestroynaya O.V., Ryltsova I.G., Yapryntsev M.N., Lebedeva O.E.,</u> Belgorod National Research University, Belgorod	Sorption properties of some natural layered double hydroxides of the hydrotalcite supergroup
20.	<u>Rybarchuk O.V., Dudarev D.I., Dragunsky A.V., Dudarev V.I.,</u> Irkutsk National Research Technical University, Irkutsk	Adsorption purification of aqueous solutions from chromium (VI) ions
21.	<u>Ryltsova I.G., Golovin S.N., Yapryntsev M.N., Lebedeva O.E.,</u> Belgorod National Research University, Belgorod	Sorption properties of cerium containing layered double hydroxides
22.	<u>Snetkov P.P., Zakharova K.S., Tyatova M.I., Morozkina S.N., Olekhovich R.O., Uspenskaya M.V.,</u> ITMO University, Saint-Petersburg	Investigation of the physical characteristics of spinning aqueous-organic solutions of hyaluronic acid
23.	<u>Spiridonova E.A., Samonin V.V., Podvyaznikov M.L.</u> Saint-Petersburg State Institute of Technology, Saint-Petersburg	Practical significance of modification of carbon sorbents for purification of gaseous media
24.	<u>Spiridonova E.A., Samonin V.V., Podvyaznikov M.L., Khrylova E.D.,</u> Saint-Petersburg State Institute of Technology, Saint-Petersburg	Application of block dehumidifiers based on silica gel for deep air drying
25.	<u>Starostina I.V., Porozhnyuk E.V., Makridina Yu.L., Polovneva D.A.,</u> Belgorod Shukhov State Technological University, Belgorod	Composite sorption material based on vegetable oil production waste for purification of waste water from petroleum products
26.	<u>Fidchenko M.M., Alekhina M.B., Beznosyuk A.N., Varnavskaya A.D., Andreeva S.V.,</u> D. Mendeleev University of Chemical Technology of Russia (D. Mendeleev University, MUCTR), Moscow	Catalytic and adsorption properties of materials based on natural aluminosilicates modified with carbon
27.	<u>Erolova M.A., Maryandyshev P.A., Pirogova S.V., Aizenshtadt A.M., Aksenov S.E.,</u> Northern (Arctic) Federal University (NArFU), Arkhangelsk	The project approach as an effective tool for improving the environmental friendliness and energy efficiency of residential buildings in the North

Section «Biosafety as the basis of pharmaceutical production and veterinary medicine»

(moderator of section Kontsevaya S.Yu.)

Video conferencing access mode: ZOOM platform

10.00 – 12.00 Section meeting

№	Name, surname, position	Title of the report
1.	<u>Kontsevaya S.Yu.</u> Center for Innovative Veterinary Medicine of the Belgorod State Agricultural University named after V. Gorin, Maysky village	Veterinary and sanitary safety of animal products as a unified view of animal health and human health
2.	<u>Beketov S.V.</u> Journal "Questions of rabbit breeding", Moscow	Solving the problem for personal subsidiary and private farms, individual entrepreneurs of micro, small and medium businesses
3.	<u>Kabantsov O.</u> company "Provimi", Moscow	Feeding program «Purina»
4.	<u>Linovitskaya A.A.</u> Kolomna Agrarian College, Moscow Region	Monitoring toxacrosis in cats and dogs and the role of murine rodents in the spread of invasion
5.	<u>Dr. rer. nat. MalteRegelin.</u> ViPiBaXGmbH, Germany	Zoonotic Disease Perspective. Interaction of wildlife, animals and people. Hygiene in livestock farms
6.	<u>Golovkova I.V.</u> «Kantri», Moscow Region	Factors affecting animal productivity, general health status of animals and their offspring
7.	<u>Khlusov V.N.</u> FSBEI DO "Russian Academy of staffing for the agro-industrial complex", Moscow	Technological solutions for the disposal of biological waste during slaughter
8.	<u>Khlusova I.A.</u> FSBEI DO "Russian Academy of staffing for the agro-industrial complex", Moscow	Export-oriented cooperatives
9.	<u>Martseva K.S.</u> Center for Innovative Veterinary Medicine of the Belgorod State Agricultural University named after V. Gorin, Maysky village	Innovative horse hygiene
10.	<u>Lavrov S.I.</u> LLC "AgroVi", TASED resident urban district Gubkin, Belgorod region	About new types of veterinary drugs
11.	<u>Shambazova S.A.</u> Rosselkhoznadzor Administration for the Republic of Crimea and the city of Sevastopol	Innovative methods for the production of rabbit delicacies as a tool to increase export potential
12.	<u>Lutsay V.I.</u> Moscow State University of Food Production, Moscow	Biological safety of the environment and animal products

13.	<u>Shchepetkina S.V.</u> Saint-Petersburg State University of Veterinary Medicine, Saint-Petersburg	Ensuring the quality and safety of livestock products
14.	<u>Parshikova A.E.</u> Farm "Gzhel Podvorie", Moscow region, YouTube channel "Farming inside out"	Small business digitalisation

Parallel session in Dezhou University :

“Nano-biosensor and computer biology in life science”

Shandong Key Laboratory of Biophysics, Dezhou University

(moderator of section Prof. Jiafeng Yu and Prof. Zanzia Cao)

Video conferencing access mode: VooVmeeting, room number: 154 479 628

10.00 – 12.00 Section meeting

Part I Moderator Prof. Jiafeng Yu

No	Name, surname, position	Title of the report
1.	<u>Fanlu, Meng,</u> Lecturer, Dezhou Universtiy	Organoid Modelling the Regulation of Mechanical Forces on Intestinal Epithelium Homeostasis
2.	<u>Enguang, Lu,</u> Lecturer, Dezhou Universtiy	Potentiometric Biosensors Based on Aptamer and Peptide Recognitions
3.	<u>Hussein, Baqiah,</u> Lecturer, Dezhou Universtiy	Atomic Force Microscopy: Nanomaterials Powerful Imaging and Characterizing Tools

Part II Moderator Prof. Zanzia Cao

4.	<u>Naif, Al-Hada,</u> Lecturer, Dezhou Universtiy	Fabrication and characterization of semiconductor tin oxide nanoparticles nanoparticles manufactured using a facile thermal treatment
5.	<u>Rui, Wang,</u> Lecturer, Dezhou Universtiy	Studies of Fluorescent Biosensing and Living Cell Imaging Methods ForCancer-Related MicroRNA
6.	<u>Jian, Liu,</u> Lecturer, Dezhou Universtiy	AStudy on The PhyllosphereMicrobiota of Wild Emmer Wheat During the Infection of Stripe Rust Pathogen