**Caspian University**

**Eurasian Creative Union**

**PROGRAM**

**OF THE FIRST INTERNATIONAL**

**SCIENTIFIC AND PRACTICAL CONFERENCE "BIOSECURITY OF HUMAN LIFE AND ENVIRONMENT PROTECTION"**

**Almaty city**

**The Republic of Kazakhstan**

**January 27, 2022**

**GENERAL INFORMATION**

**Status:** International scientific and practical conference within the framework of the III Eurasian creative forum "Modern Eurasia: synthesis of science and art".

**Frequency**: annually

**Purpose:** to unite the efforts of scientists, businessmen and government agencies to strengthen a single scientific and cultural space and to develop proposals in the field of adopting a single platform for biological safety and environmental protection, in preserving the gene pool of rare animals and plants.

**Format:** for 2022 - online

**Dates:** January 27, 2022

**Time (according to the time of Nur-Sultan):** start - 14.00, end - 20.00

**Participants:** 59, including 22 from the Russian Federation, 5 from the Republic of Belarus, 32 from the Republic of Kazakhstan

**Organizations:** from the side of Russian Federation: IGGen RAS, PFUR, IPEE of RAS, IMB of RAS, Moscow State University of Technology, Caspian Research Institute of Fisheries, IPEE of RAS; Moscow State University named after Lomonosov M.V., from the side of Republic of Belarus: the Institute of Microbiology of the National Academy of Sciences of Belarus; from the side of Republic of Kazakhstan: Institute of Zoology of the Committee of Sciences of the Ministry of Education and Science of the Republic of Kazakhstan, Kazakh National University named after. Al-Farabi, the National Center for Biotechnology of the Committee of Sciences of the Ministry of Education and Science of the Republic of Kazakhstan, the Institute of Biology and Biotechnology of the Committee of Sciences of the Ministry of Education and Science of the Republic of Kazakhstan and others.

**Section composition:**

Section 1: "Human life safety and environmental protection"

Section 2: "Bioresources of Kazakhstan and the Caspian Sea, conservation and introduction of rare animals and plants"

**14.00 - 14.35 OFFICIAL OPENING**

MODERATOR: Mr. Zholdasbek NUSSENOV (Republic of Kazakhstan), PhD, Professor, Academician of Kazakhstan National Academy of Natural Sciences, Rector of Caspian University

**WELCOME SPEECH**

14.00 – 14.10 Ms. Karina SARSENOVA (Republic of Kazakhstan), poet, writer, President of the Eurasian Creative Union

14.10 – 14.15 Mr. Murat ZHURINOV (Republic of Kazakhstan), Doctor of Chemical Sciences, Professor, Academician of the National Academy of Sciences of the Republic of Kazakhstan, President of the National Academy of Sciences of the Republic of Kazakhstan

14.15 – 14.20 Mr. Vladimir CHEKHONIN (Russian Federation), Doctor of Medical Sciences, Professor, Academician of the Russian Academy of Medical Sciences, Vice-President of the Russian Academy of Sciences

14.20 – 14.25 Mr. Vladimir GUSAKOV (Republic of Belarus), Doctor of Economics, Professor, Academician of the National Academy of Sciences of Belarus, Chairman of the Presidium of the National Academy of Sciences of Belarus

14.25 – 14.30 Mr. Zholdasbek NUSSENOV (Republic of Kazakhstan), PhD, Professor, Academician of Kazakhstan National Academy of Natural Sciences, Rector of Caspian University

14.30 – 14.35 Mr. Andrey Kostin (Russian Federation), Doctor of Medicine, Professor, Rector of the Peoples' Friendship University of Russia (PFUR)

14.35 – 14.40 Mr. Alexander KUDRYAVTSEV (Russian Federation), Doctor of Biological Sciences, Professor, Corresponding Member ща Russian Academy of Sciences, Director of the Institute of General Genetics named after N.I. Vavilov Russian Academy of Sciences

**14.40 – 15.00 AWARDING CEREMONY OF THE EURASIAN PRIZE. SPECIAL ACHIEVEMENTS»**

presented by Ms. Karina SARSENOVA (Republic of Kazakhstan), poet, writer, President of the Eurasian Creative Union

**15.00 – 16.10 PLENARY SESSION**

**MODERATOR:** Mr. Zholdasbek NUSSENOV (Republic of Kazakhstan), PhD, Professor, Academician of Kazakhstan National Academy of Natural Sciences, Rector of Caspian University

**REPORTS:**

15.00 – 15.30 Mr. Valeriy DANILENKO (Russian Federation), Doctor of Biological Sciences, Professor, Head of the Department of Genetic Foundations of Biotechnology, Institute of General Genetics of the Russian Academy of Sciences named after N.I. Vavilov

*"Biosafety of human life through the prism of the intestinal microbiome"*

15.30 – 15.50 Mr. Vyacheslav ROZHNOV (Russian Federation), Doctor of Biological Sciences, Professor, Academician of the Russian Academy of Sciences, Scientific Supervisor environmental projects and international programs, Institute of Problems of Ecology and Evolution named after A.N. Severtsov RAS

*"Restoration of the Amur tiger group in the north-west of its range in Russia"*

15.50 - 16.10 Mr. Seidigapbar MAMADALIEV (Republic of Kazakhstan), Doctor of Biological Sciences, Director of the Branch of the Republican State Enterprise "National Center for Biotechnology" of the Science Committee of the Ministry of Education and Science of the Republic of Kazakhstan in Almaty

*"Mission of the Central Reference Laboratory for ensuring biological safety in the Republic of Kazakhstan"*

**16.20 – 19.30 SECTIONAL SESSIONS**

**16.20 – 17.50 SECTION 1**

"Human life safety and environmental protection"

**MODERATORS:**

1. Mr. Valeriy DANILENKO (Russian Federation), Doctor of Biological Sciences, Professor, Head of the Department of Genetic Foundations of Biotechnology, Institute of General Genetics of the Russian Academy of Sciences named after N.I. Vavilov

2. Mr. Yuri SKIBA (Republic of Kazakhstan), Deputy Director, Head of the Laboratory of Molecular Biology of the Branch of the Republican State Enterprise "National Center for Biotechnology" of the Science Committee of the Ministry of Education and Science of the Republic of Kazakhstan in Almaty

**REPORTS:**

16.20 – 16.35 Ms. Emilia KOLOMIETS (Republic of Belarus), Doctor of Biological Sciences, Honored Scientist of the Republic of Belarus, Academician of the National Academy of Sciences of Belarus, Director of the Institute of Microbiology of the National Academy of Sciences of Belarus

*"Modern microbiological research and development - the basis of innovative environmental biotechnologies"*

16.35 – 16.50 Ms. Elena SAVENKOVA (Russian Federation), Doctor of Economics, Professor, Director of the Russian Institute of Ecology Peoples' Friendship University (PFUR)

*“Development of human resources in the field of industrial and environmental security"*

16.50– 17.05 Andrey DMITROVSKY (Republic of Kazakhstan), Doctor of Medical Sciences, Professor, Head of the Laboratory of Expertise and diagnostics of the Branch of the Republican State Enterprise "National Center Biotechnology" SC MES RK in Almaty

*"Ecological and epidemiological aspects of pasteurellosis in Kazakhstan"*

17.05 – 17.20 Mr. Alexandr SHEPSHELYOV (Republic of Belarus), Candidate of Technical Sciences, Associate Professor, Deputy Director General of RUE “Scientific and Practical Center of the National Academy of Sciences of Belarus for Food”

*"Healthy food as an element of human security"*

17.20 – 17.35 Mr. Oleg MEDVEDEV (Russian Federation), Doctor of Medical Sciences, Professor, Head of the Department of Pharmacology, Moscow State University named after M.V. Lomonosov

*"Methane-generating archaea of ​​the ruminant microbiome and their contribution to global warming"*

17.35 – 17.50 Mr. Alexander VOROZHTSOV (Russian Federation), Doctor of Physics and Mathematics, Prof., Vice-Rector for Research and Innovation, Tomsk State University,

Mr. Alexey SAZONOV (Russian Federation), MD, Prof., adviser to the administration of Tomsk State University

*"Biosafety in the context of the development of engineering biology technologies"*

**18.00 – 19.30 SECTION 2**

**"Biological resources of Kazakhstan and the Caspian Sea, conservation and introduction of rare animals and plants"**

**MODERATORS:**

1. Ms. Natalya OGAR (Republic of Kazakhstan), Doctor of Biological Sciences, Corresponding Member of the National Academy of Sciences of the Republic of Kazakhstan, Professor of Caspian University, General Director of “TERRA Priroda” LLP

2. Mr. Vyacheslav ROZHNOV (Russian Federation), Doctor of Biological Sciences, Professor, Academician of the Russian Academy of Sciences, Scientific Supervisor of Ecological and Nature Protection Projects and Programs named after A.N. Severtsov, RAS

**REPORTS:**

18.00 – 18.15 Ms. Natalya OGAR (Republic of Kazakhstan), Doctor of Biological Sciences, Corresponding Member of the National Academy of Sciences of the Republic of Kazakhstan, Professor of Caspian University, General Director of “TERRA Priroda” LLP

*"The current state of the ecosystem of the Caspian Sea"*

18.15 – 18.30 Ms. Anna KUDRYAVTSEVA (Russian Federation), Doctor of Biological Sciences, Professor, Deputy Director for Research Institute of Molecular Biology named after V.A. Engelhardt, RAS

*"Applied potential of white poplar (P.alba) in urban ecosystems"*

18.30 – 18.45 Mr. Alexey NIKIFOROV-NIKISHIN (Russian Federation), Doctor of Biological Sciences, Professor, Dean of the Faculty of Biotechnology and Fisheries, Moscow State University of Technology named after K.G. Razumovsky (PKU)"

*"Peculiarities of conducting environmental and fishery research in order to increase the potential of regional aquaculture"*

18.45 – 19.00 Mr. Ryspek BAYDAVLETOV (Republic of Kazakhstan), Candidate of Biological Sciences, associate professor, Institute of Zoology of the Committee of Science of the Republic of Kazakhstan.

Mr. Alexey GRACHOV (Republic of Kazakhstan), Master of Sciences, Theriology lab director, Institute of Zoology of the Committee of Science of the Republic of Kazakhstan.

*Mr. Erlik BAYDAVLETOV (*Republic of Kazakhstan), Master of Sciences, Institute of Zoology of the Committee of Science of the Republic of Kazakhstan.

*“The perspectives of tiger recovery in Kazakhstan”*

**19.00 – 19.30 SUMMARY AND ADOPTION OF THE RESOLUTION**

**MODERATOR:** Mr. Valeriy DANILENKO (Russian Federation), Doctor of Biological Sciences, Professor, Head of the Department of Genetic Foundations of Biotechnology, Institute of General Genetics of the Russian Academy of Sciences named after N.I. Vavilov

**19.55 – 20.00 CLOSING OF THE CONFERENCE**

MODERATOR: Mr. Zholdasbek NUSSENOV (Republic of Kazakhstan), PhD, Professor, Academician of Kazakhstan National Academy of Natural Sciences, Rector of Caspian University

**LIST OF MAIN PARTICIPANTS OF THE CONFERENCE**

**Participants from Russia**

1. Vorozhtsov Alexander Borisovich

Doctor of Physics and Mathematics, Professor, Vice-Rector for Research and Innovation of Tomsk State University

2. Danilenko Valery Nikolaevich

Doctor of Biological Sciences, Professor, Head of the Department of Genetic Foundations of Biotechnology, Institute of General Genetics of the Russian Academy of Sciences named after N.I. Vavilov

3. Klimov Victor Alexandrovich

Senior Lecturer of the Department of Ecology and Nature Management at the Moscow State University of Technology named after K.G. Razumovsky (PKU), Moscow

4. Kravtsova Lyubov Zakharyevna

Deputy General Director of LLC "NTC BIO", Shebekino

5. Kostin Andrey Alexandrovich

Doctor of Medical Sciences, the member of Russian Academy of Science, vice rector of People Friendship University of Russia

6. Kudryavtsev Alexander Mikhailovich

Doctor of Biological Sciences, Professor, Corresponding Member of RAS, Director of the Institute of General Genetics named after N.I. Vavilov of Russian Academy of Sciences

7. Kudryavtseva Anna Viktorovna

Doctor of Biological Sciences, Deputy Director for Research of Institute of Molecular Biology named after V.A. Engelhardt of RAS

8. Kuznetsov Dmitry

Doctor of Biological Sciences, Professor, Department of Medical Nanobiotechnologies N.I. Pirogov

9. Medvedev Oleg Stefanovich

Doctor of Medical Sciences, Professor, Head of the Department of Pharmacology at Moscow State University named after M.V. Lomonosov

10. Mirzoyan Arsen Vyacheslavovich

Candidate of Biological Sciences, Deputy Director of FGBNU VNIRO, Moscow

11. Naidenko Sergei Valerievich

Doctor of Biological Sciences, Prof., Director of IPEE named after A.N. Severtsov RAS

12. Nikitin Igor Alekseevich

Doctor of Technical Sciences, Professor, Acting Head of the Department "Technologies for processing grain, bakery, pasta and confectionery industries" at FGBOU SU "Moscow State University of Technology named after K.G. Razumovsky (PKU), Moscow

13. Nikiforov-Nikishin Alexey Lvovich

Doctor of Biological Sciences, Professor, Dean of the Faculty of Biotechnology and Fisheries at Moscow State University of Technology K.G. Razumovsky (PKU), Moscow

14. Oreshkin Evgeny Nikolaevich

Ph.D., state. Counselor of the Russian Federation of the 1st class, Head of the Subcommittee of the Committee on Entrepreneurship in Healthcare and the Medical Industry of the Chamber of Commerce and Industry of the Russian Federation

15. Pravdin Igor Valerievich

General Director of LLC "NTC BIO", Shebekino

16. Rozhnov Vyacheslav Vladimirovich

Doctor of Biological Sciences, Professor, Academician of the Russian Academy of Sciences, Scientific Supervisor of Ecological and Nature Protection Projects and International Programs named after A.N. Severtsov, RAS

17. Savenkova Elena Viktorovna

Doctor of Economics, Professor, Director of the Institute of Ecology of the Peoples' Friendship University of Russia, Moscow

18. Sazonov Alexey Eduardovich

Doctor of Medical Sciences, Professor, Advisor to the Administration of Tomsk State University

19. Ushakova Nina Aleksandrovna

Doctor of Biological Sciences, Professor, Head of the Laboratory of Innovative Technologies, Institute of Ecology and Evolution named after A.N. Severtsov RAS, Moscow

20. Chekhonin Vladimir Pavlovich

Doctor of Medical Sciences, Prof., Academician of the Russian Academy of Medical Sciences, Vice-President of the Russian Academy of Sciences

21. Shipulin Sergey Viktorovich

Candidate of Biological Sciences, Associate Professor, Deputy Head of the Volga-Caspian Branch of the Federal State Budgetary Scientific Institution "VNIRO" ("KASPNIRKH"), Astrakhan

22. Yanenko Alexander Stepanovich

Doctor of Biological Sciences, Prof., Head of the Research Genetic Complex of the National Research Center "Kurchatov Institute"

23. Yastrebov Oleg Alexandrovich

Doctor of Law, Doctor of Economics, Professor, Rector of the Peoples' Friendship University of Russia

**Participants from Belarus**

24. Gusakov Vladimir Grigorievich

Doctor of Economics, Professor, Academician of the National Academy of Sciences of Belarus, Chairman of the Presidium of the National Academy of Sciences of Belarus

25. Kilchevsky Alexander Vladimirovich

Doctor of Biological Sciences, Professor, Academician of the National Academy of Sciences of Belarus, Deputy Chairman of the Presidium of the National Academy of Sciences of Belarus

26. Kolomiets Emilia Ivanovna

Doctor of Biological Sciences, Honored Scientist of the Republic of Belarus, Academician of the National Academy of Sciences of Belarus, Director of the Institute of Microbiology of the National Academy of Sciences of Belarus

27. Shepshelyov Alexandr Anatolyevich

Candidate of technical Science, deputy director of National and Practical Center of National Food Academy of Belarus, Minsk

28. Sverchkova Natalya Vladimirovna

PhD, Deputy director for scientific work of the Institute of Microbiology of the National Academy of Sciences of Belarus.

**Participants from Kazakhstan**

29. Abugaliyeva Saule Izteleuovna

Doctor of Biological Sciences, Institute of Biology and Biotechnology of plants of the Committee of Science of the Republic of Kazakhstan 30. Asylbekov Asylkhan Dairovich

Director of Foundation for Preserving Biodiversity

31. Baydavletov Ryspek Zhaparkulovich

Candidate of Biological Science, associate professor, Institute of Zoology of the Committee of Science of the Republic of Kazakhstan

32. Baidauletov Erlik Ryspekovich

Master of Science, Institute of Zoology of the Committee of Science of the Republic of Kazakhstan

33. Berdygulova Zhanna Amirovna

Senior Researcher of the Laboratory of Molecular Biology of the Branch of the Republican State Enterprise "National Center for Biotechnology" of the Science Committee of the Ministry of Education and Science of the Republic of Kazakhstan in Almaty

34. Grachov Alexey Alexandrovich, Master of Sciences, Theriology lab director, Institute of Zoology of the Committee of Science of the Republic of Kazakhstan

35. Dmitrovsky Andrey Mikhailovich

Doctor of Medical Sciences, Professor, Head of the Laboratory for Expertise and Diagnostics of the Branch of the Republican State Enterprise "National Center for Biotechnology" Science Committee of the Ministry of Education and Science of the Republic of Kazakhstan in Almaty

36. Espolov Tlektes Isabaevich

Doctor of Economics, Professor, Academician of the National Academy of Sciences of the Republic of Kazakhstan, Rector of the Kazakh National Agricultural University

37. Zhambakin Kabyl Zhaparovich

Doctor of Biological Sciences, Prof., Academician of the National Academy of Sciences of the Republic of Kazakhstan, Director of the Institute of Plant Biology and Biotechnology of the Committee of Science of the Ministry of Education and Science of the Republic of Kazakhstan

38. Zhunusbayeva Zhazira Kabulovna

Candidate of Biological Sciences, Professor, Head of the Department of Genetics at Al-Farabi Kazakh National University

39. Zhunusova Ainura Mamanovna

Chief Specialist of the Design Department of TERRA Priroda LLP

40. Zhurinov Murat Zhurinovich

Doctor of Chemical Sciences, Professor, Academician of the National Academy of Sciences of the Republic of Kazakhstan, President of the National Academy of Sciences of the Republic of Kazakhstan

41. Ilyina Victoria Olegovna

Vice President of the UNESCO MAB Program for Asia and the Pacific

42. Isbekov Kuanysh Baibolatovich

PhD, Associate Professor, Chairman of the Board of LLP "Scientific and production center of fisheries"

43. Kerteshev Talgat Seitovich

UNDP Project Manager - Kazakhstan for Biodiversity

44. Koval Svetlana Grigorievna

Head of Design Department, “TERRA Priroda” LLP

45. Kuatbaev Azat Kuangalievich

Doctor of Engineering, Professor, Academician of Kazakhstan National Academy of Natural Sciences, Corresponding Member of NIA RK National Engineering Academy of the Republic of Kazakhstan, Vice-Rector for Science and Strategic Development of Caspian University

46. Mazmanyants Grigory Armenovich

Director of the Representative Office of the World Wildlife Fund (WWF) in the Republic of Kazakhstan, Director of the Central Asian Program of WWF Russia

47. Maltseva Elina Romanovna

Head of the Department of Biosafety and Biosecurity of the Branch of the Republican State Enterprise "National Center for Biotechnology" of the Science Committee of the Ministry of Education and Science of the Republic of Kazakhstan in Almaty

48. Mamadaliyev Seidigapbar Mamadalievich

Doctor of Biological Sciences, Professor, Director of the Branch of the Republican State Enterprise "National Center for Biotechnology" of the Science Committee of the Ministry of Education and Science of the Republic of Kazakhstan in Almaty

49. Mukasheva Togzhan Dzhangeldievna

Doctor of Biological Sciences, Professor, Head of the Department of Microbiology at Kazakh National University named after al-Farabi

50. Nussenov Zholdasbek Muslimovich

PhD, Professor, Academician of the Kazakhstan National Academy of Natural Sciences, Rector of Caspian University

51. Ogar Natalya Petrovn

Doctor of Biological Sciences, Corresponding Member of the National Academy of Sciences of the Republic of Kazakhstan, Professor of Caspian University, General Director of “TERRA Priroda” LLP

52. Pereladova Olga Borisovna

Candidate of Biological Sciences, Scientific Supervisor of the Central Asian Program of the World Wildlife Fund (WWF) Russia

53. Radionov Sergey Vladimirovich

General Director of Oil REAL ESTATE LLP

54. Ramankulov Yerlan Mirkhaidarovich

Ph.D, Academician of the Kazakhstan National Academy of Natural Sciences, General Director of the Republican State Enterprise "National Center for Biotechnology" of the Science Committee of the Ministry of Education and Science of the Republic of Kazakhstan

55. Sitpaeva Gulnara Tokbergenovna

Doctor of Biological Sciences, Academician of the Kazakhstan National Academy of Natural Sciences, Professor, General Director of the Republican State Enterprise "Institute of Botany and Phytointroduction" of the Committee for Forestry and Wildlife of the Ministry of Ecology, Geology and Natural Resources of the Republic of Kazakhstan

56. Skiba Yuri Alexandrovich

PhD, Deputy director, chief laboratory of molecular biology of the branch of the Republican State Enterprise "National Center for Biotechnology" of the Science Committee of the Ministry of Education and Science of the Republic of Kazakhstan in Almaty

57. Turdiev Timur Tuigunovich

PhD, Associate Professor, Laboratory of Molecular Genetics RSE "Institute of Plant Biology and Biotechnology" of the Science Committee of the Ministry of Education and Science of the Republic of Kazakhstan

58. Turuspekov Yerlan Kenesbekovich

Doctor of Biological Sciences, Professor, Head of the Laboratory of Molecular Genetics at the Institute of Biology and Biotechnology

59. Khamitova Raushan Emelyanovna

Director of the Caspian Riviera Grand Palace

60. Shalgimbaeva Gulmira Mukhametkalievna

Head of the Laboratory of Hydrobiont Genetics, Scientific and Production Center for Fisheries LLP, Almaty

61. Shefer Timur NETSCI, project management

62. Yaschenko Roman Vasilyevich

Doctor of Biological Sciences, General Director of the RSE "Institute of Zoology" of the Committee of Science of the Ministry of Education and Science of the Republic of Kazakhstan, Chairman of the Kazakhstan National Committee of the UNESCO Program "Human and Biosphere"