

Приложение_1

No	Full name	Membership in national academies of science, Scientific degree, Title	Employer, Position	Scientific contribution
1.	Brutch Nina Borisovna (Russia)	Dr. (Biol.Sci.)	FSBSI "Federal Research Center the N.I. Vavilov All-Russian Institute of Plant Genetic Resources", Senior Researcher, Oil and Fiber Crops Genetic Resources Department	93 research papers, one monograph, 1 patent. Supervision of Ph.D. students. An expert in flax genetic resources.
2	Rodionov Alexandr Vikentyevich (Russia)	Dr. (Biol.Sci.), Prof.	Komarov Botanical Institute of RAS, Head, Laboratory of Biosystematics and Cytology	258 scientific publications. Supervision of research activities of eight doctoral students.
3	Diederichsen Axel (Canada)	Ph.D. (Biol)	Agriculture and Agri-Food Canada, Research Scientist, Curator National Plant Genebank	Manager of the Canadian National Genebank. 34 scientific publications during the last five years. A leading expert in characterization, evaluation, maintenance, distribution and acquisition of plant germplasm of crop species and their wild relatives.
4	Afanasenko Olga Silvestrovna (Russia)	Dr. (Biol.Sci.), Prof. Corr.Mem.	All-Russian Research Institute of Plant Protection, Head, Laboratory of Plant Immunity to Diseases	Management and personal participation in the development of an international set of barley differentiator varieties for analyzing populations of net blotch agent in Russia and European countries. An author of the intercontinental set of differentiator varieties. Over 30 new genes of barley resistance to hemibiotrophic pathogens have been identified. Research on the problems of methodological support of agricultural crops breeding for disease resistance. Winner of the RAS Presidium scholarship in 2000-2003. About 170 scientific publications including 12 books and booklets.
5	Levitin Mark Mikhailovich (Russia)	Dr. (Biol.Sci.), Prof.	All-Russian Research Institute of Plant Protection, Chief Researcher	Membership in the New York Academy of Sciences (1995–1996) and in the National Academy of Mycology (since 2001). Over 30 years of research on genetics and population biology of phytopathogenic fungi, mechanisms of variation of plant disease agents and host-parasite interrelations. Considerable research on mutational variation and somatic hybridization of phytopathogenic fungi, phenofund populational analysis, on the influence of cultivar genotype and

				ecological factors on the structure and dynamics of pathogen populations. Theoretical studies laid grounds for establishing environmentally-friendly systems of integrated plant protection in different regions of the country. Over 180 scientific publications including 4 monographs, 10 extensive reviews on genetics of phytopathogenic fungi and technological improvement of plant protection from diseases. A series of methodological guidelines for phtopathologists, breeders and plant protection services. One invention.
6	Vishnyakova Margarita Afanasyevna (Russia)	Dr. (Biol.Sci.), Prof.	FSBSI "Federal Research Center the N.I. Vavilov All-Russian Institute of Plant Genetic Resources", Chief Researcher at the Leguminous Crops Genetic Resources Department	219 scientific publications. Six author's certificates. The N.G. Navashin medal laureate. Authorship of the books and articles about the people from the N.I. Vavilov's closest circle, namely E.I. Barulina, E.N. Sakharova, G.D. Karpechenko, L.I. Govorov. Leader of 5 research projects that won grants of the Russian Foundation for Basic Research and of one grant from the Russian Humanitarian Science Foundation. Chair of the Vavilov Workshop Council at VIR. Membership in the RAS Vavilov Scientific Heritage Commission.
7	Morgunov Alexei Ivanovich (Turkey)	Dr.	CIMMYT (the International Maize and Wheat Improvement Center), the Office in Turkey, Leader, International Winter Wheat Improvement Program	Authorship of wheat cultivars created at the Moscow Agricultural Research Institute (Nemchinovka) in 1981-1991. At CIMMYT, participation in breeding spring wheat in Mexico, of winter wheat in Turkey, and in Kazakhstan. At present, the Leader of the Winter Wheat Improvement Program in Turkey. The cultivars created with Dr. Morgunov's participation are cultivated on over 2 mln ha. In the last 5 years, over 25 papers in the Web of Science peer-reviewed journals have been published. Membership in EUCARPIA and the Crop Science Society of America.
8	Muminjanov Hafiz Abduvakhobovich (Turkey)	Dr. (Agri.Sci.)	FAO FAOSEC Sub-regional Office of the UN Food and Agriculture Organization, expert in plant industry and plant protection	Coordinator of the national wheat breeding program in Tajikistan. Over 200 scientific and educational publications including two monographs and a series of papers in the international publications. Four author's certificates and patents on the application of biotechnological methods in plant breeding. Authorship of over 10 wheat cultivars. Supervision of over 30 doctoral and undergraduate students, of which 10 defended Ph.D theses.
9	Radchenko Evgeny Evgenyevich (Russia)	Dr. (Biol.Sci.), Senior Researcher	FSBSI "Federal Research Center the N.I. Vavilov All-Russian Institute of Plant Genetic Resources", Senior Researcher at the Genetics Department	202 scientific publications. Research on the topical problems of resistance in cereal crops (wheat, barley, oat, sorghum) to sucking pests in different regions of the country, on genetics of cereal crops resistance to aphids and the intraspecific variability of the latter. Donors of plant resistance to pests have been identified, 15 genes of sorghum resistance to greenbug found. Productive donors of resistance have been created for the use in breeding programs. The research was accompanied by the modification of the existing and creation of original methods

				for studying the host plant - aphid interrelations.
10	Jozef Turok (Uzbekistan)	Dr.	Head of the CGIAR Program Facilitation Unit for Central Asia and the Caucasus and Regional Coordinator of the International Center for Agricultural Research in the Dry Areas (ICARDA), Tashkent	<p>Expert in population genetics, Ph.D from Georg-August-University of Göttingen, Germany (1995); MS in Forestry (Technical University, Zvolen, Slovakia). Co-author of six books, ten peer-reviewed journal articles; edited or compiled more than 30 technical guidelines, proceedings and other technical publications.</p> <p>Member of the editorial board of the International Forestry Review and serving as reviewer for several international journals and foundations. Member of the Advisory Group for European Union Horizon 2020 Research Framework Program in the areas of Food Security, Sustainable Agriculture, Marine and Maritime Research, the Bioeconomy, and Biotechnology.</p> <p>Previously Regional Director for Europe at Bioversity International, one of the 15 CGIAR Centers. Initiated and developed several collaborative research and capacity building projects on plant genetic resources funded by the European Union. Broad experience in networking, research policy advocacy and project development in eastern Europe and Central Asia. Key responsibilities include ensuring the implementation of the joint research-for-development agenda in Central Asia and the Caucasus</p>
12	Karl Hammer (Germany)	Dr., Prof.	«Genetic Resources and Crop Evolution», Editor-in-chief	A leading scientist in agrobiodiversity and plant genetic resources. Over 500 scientific publications and 38 books and book chapters. The main author of the "Mansfeld's Encyclopedia of Agricultural and Horticultural Crops". Editor-in-chief of the Journal of Genetic Resources and Crop Evolution and editorial board member of other international journals such as Euphytica, Plant Systematics and Evolution. Director of the Gatersleben Genebank and Honorary Professor at the Georg-August-Universitat Gottingen since 1992. In 1998 became the first Professor of Agrobiodiversity and the Director of the Tropical Greenhouse at the University of Kassel until his retirement in 2009. Scientific work covers a wide range of research in plant genetic resources: ecology and taxonomy, plant domestication, evolution and genetic erosion, conservation and utilization of underutilized and neglected wild fruit trees. Participant of over 70 expeditions to Cuba, Eastern Europe, Italy, Iran, Libya, Oman and Korea, etc.
13	Anisimova Irina Nikolayevna (Russia)	Dr. (Biol.Sci.)	FSBSI “Federal Research Center the N.I. Vavilov All-Russian Institute of Plant Genetic Resources”, Leading Researcher, Genetics Department	143 scientific publications including one monograph, 63 papers in scientific journals, 5 chapters in books, methodological guidelines and one catalog. A specialist in research on CMS-Rf systems, in analysis of structural and functional diversity of the genes suppressing the CMS phenotype in sunflower and sorghum, in the identification of RFL-PPR homologs and determination of their

				chromosomal locations. Developer of the methods for PGR molecular screening for genes identification, analysis of seed proteins and DNA polymorphism, and revealing features of plant introgression.
14	Batalova Galina Arkadyevna (Russia)	Dr. (Agri.Sci.), Prof., Corr.Mem.	N.V. Rudnitsky Zonal Research Institute for Agriculture of the Northeast, Vice Director	Honorary Diploma from RASKHN for the best scientific development of 2001. The Diploma and the Gold Medal of the Ministry of Agriculture of the Russian Federation awarded to oat cultivars in 2006. A winner of the Kirov Province Award in agriculture (2012). Over 250 scientific publications including 8 books and booklets. 16 author's certificates and 15 patented cultivars. Authorship of 23 spring oat cultivars grown in 35 regions of the Russian Federation. Participation in joint projects with China and Bulgaria on oat breeding and evaluating stress resistance. Guidance of the establishment of the Russian-Chinese Oat Breeding and Processing Center (Baicheng Agricultural Academy, Jilin Province).
15	Bespalova Lyubov Andreyevna (Russia)	Dr. (Agri.Sci.), Prof., Corr.Mem., Honoured Science Worker of the Russian Federation	P.P. Lukianenko Krasnodar Agricultural Research Institute, Head, Department of Wheat and Triticale Breeding and Seed Production	Over 250 scientific publications including 3 monographs. Over 70 author's certificates and patented inventions. A prominent scientist in the sphere of cereals breeding and seed production. Creator of 86 high-quality and high-yielding cultivars of wheat and Triticale, as well of semi-dwarf wheat varieties of the new generation.
16	Kilchevsky Alexandr Vladimirovich (Belarus)	Dr. (Biol.Sci.), Prof., Corr.Mem. of the National AS of Belarus	Institute of Genetics and Cytology of the National Academy of Sciences, Chief Scientific Secretary of NAS of Belarus	Over 360 scientific publications including 7 monographs, 3 textbooks. 21 breeder's certificate, 1 patent. Co-authorship of the first Byelorussian textbook on biotechnology in plant industry (2005). Initiator, co-author and editor of the unique in CIS 4-volume monograph entitled "Genetic bases of plant breeding". Numerous presentations made at international congresses on biotechnology, genetics and plant breeding. A course of lectures delivered at the Higher Agronomy School in Toulouse (France). Supervision of a Full Doctor and 17 Ph.D. theses. Management of an INTAS international project, implementation of two biotechnological contracts with Venezuela. Initiated the setting up of the Republican center of genomic biotechnology, the Republican DNA bank and a Center of Collective Use "Genom" at the Institute of Genetics and Cytology.
17	Loskutov Igor Gradislavovich (Russia)	Dr. (Biol.Sci.), Assoc.Prof.	FSBSI "Federal Research Center the N.I. Vavilov All-Russian Institute of Plant Genetic Resources", Chief Researcher at the Rye, Barley, Oats Genetic Resources Department	Over 260 scientific publications including 5 monographs on oat and barley breeding, genetics, genetic resources, botany and plant industry. 7 patented oat and barley cultivars. Professor at the Department of Agrochemistry of the St. Petersburg State University. An UN FAO consultant on plant genetic resources management.
18	Medvedev Sergey	Dr. (Biol.Sci.),	St.Petersburg State University,	Honorary Worker of Higher Professional Education of the Russian Federation. A

	Semenovich (Russia)	Prof.	Department Head, Chief of the Laboratory of Plant Development Biology	leading specialist in plant physiology and ecology. Initiator of a new scientific trend that envisages studies of the spatial and temporal organization of growth and morphogenesis of plant organisms. Delivery of special lecture courses for the MS students on plant physiology, plant electrophysiology, mechanisms of morphogenesis in plants, plant growth and development, and phytohormones. The author of the Plant Physiology textbook for university students. Authorship of over 30 textbooks and teaching aids.
19	Mitrofanova Olga Pavlovna (Russia)	Dr. (Biol.Sci.), Senior Researcher	FSBSI "Federal Research Center the N.I. Vavilov All-Russian Institute of Plant Genetic Resources", Chief Researcher at the Wheat Genetic Resources Department	Over 100 scientific publications, two catalogues. Supervision of Ph.D. students. Co-authorship of spring emmer cv. Runo and of spring bread wheat cv. Omskaya 41 together with the breeders of Russian breeding centers.
20	Potokina Elena Kirillovna (Russia)	Dr. (Biol.Sci.)	FSBSI "Federal Research Center the N.I. Vavilov All-Russian Institute of Plant Genetic Resources", Chief Researcher at the Genetic Resources Erosion Monitoring Laboratory	Over 50 scientific publications. The Web of Science citation index is 412, the h-index is 13, that in Scopus is 14. 7 registered cultivar and line applications.
21	Rashal Isaak (Latvia)	Dr. (Biol.Sci.), Prof., Fellow of the Latvian AS	Institute of Biology at the University of Latvia, Head, Plant Genetics Laboratory	Over 300 scientific publications including two monographs. Management of projects of the Latvian Academy of Sciences. Leading researcher in cultivated plants genetics, identification of adaptation genes and their comparison through molecular markers application in barley cultivars of different origin.
22	Savelyev Nikolay Ivanovich (Russia)	Dr. (Agri.Sci.), Prof., Acad.	I.V. Michurin All-Russian Research Institute of Genetics and Breeding of Fruit Plants, Director	Over 300 scientific publications including two monographs, 8 books, 5 teaching aids for students of higher education. Creator of disease resistant new generation apple and pear cultivars suitable for the production of functional foods.
23	Silantyeva Marina Mikhailovna (Russia)	Dr. (Biol.Sci.), Prof.	(Россия) Алтайский государственный университет, декан биологического факультета, заведующий кафедрой ботаники	Over 200 scientific publications. Management of RFBR and RHSF projects, of thematic joint activities on setting up the specially protected natural territories in the Altai Territory performed together with the Management for Nature Resources and Environment Protection for the Altai Territory. Membership in the Commission for the Maintenance and Preparation of the Altai Territory Red Data Book. Membership in the Public Council for Ecological Education in the Siberian Federal District under the Federal Nature Management Supervisory Service.
24	Tikhonovich Igor	Dr. (Biol.Sci.),	All-Russian Research Institute	Over 250 scientific publications including two textbooks and a monograph. Three

	Anatolyevich (Russia)	Prof. Acad. RAS	of Agricultural Microbiology, Director	invention author's certificates. Over 200 publications in the English language. Laureate of the Order of the Peoples' Friendship, of the Memorial Medal devoted to the 300 th Anniversary of Foundation of St. Petersburg, and of the medals awarded by VDNH (The Exhibition of Achievements of National Economy). Research targeted on molecular-genetic bases of plant-microorganism interaction in soil. Management of several grants provided by INTAS, Copernicus, NWO, NATO, etc.; an organizer of over 20 international forums. Membership in the Agrarian Commission at the Presidential Committee on State Awards. Vice-President of the Russian Vavilov Society of Geneticists and Breeders.
25	Turuspekov Yerlan Kenesbekovich (Kazakhstan)	Ph.D. (Biol.Sci.), Assoc.Prof.	Republican State Enterprise Institute of Biology and Biotechnology, Scientific Committee of the Ministry of Science and Education of the Republic of Kazakhstan, Deputy Director General for Science	Laureate of the Award by the Youth Union of Kazakhstan and the Young Scientists and Specialists Association of Kazakhstan. Diploma for the best biotechnological project in Kazakhstan. 22 papers in peer-reviewed journals (Thompson h-index = 10). One monograph, three scientific-methodological guidelines. Over 50 scientific publications in national journals and presentations at international symposia, including 21 paper in the journals on the List of the Control Committee in the Sphere of Education and Science of the Ministry of Education and Science of the Republic of Kazakhstan. Management (on behalf of the Republic of Kazakhstan) of international grants provided by EU INTAS (Grant 96- 1663; 1996-1999), USAID-CDR (Grant No. TA-MOU-97-CA17-001; 1998 – 2002), CRDF (Grant KAB1-2938-AL-09; 2009-2011), a grant from the 7 th European Framework Programme FP7-KBBE-2011-5, Grant for the Project No. 289842 (2012-2015). Co-authorship with the Krasnovodopadskaya Agricultural Experiment Station of the Ministry of Agriculture of the Republic of Kazakhstan in creation of the winter barley cultivar Tlek; another winter barley cultivar Krasnovodopad-100 is undergoing state trials. Co-authorship with the Kazakh Agricultural Research Institute in creation of the bread wheat cv. OPAKS57 (2009) and of soybean cv. Zara. Lectures (in English) on Genomics, biotechnology and modern methods in agriculture of MS and Ph.D. students of the Department of Biology and Biotechnology at the Al-Faraby Kazakh National University.
26	Chesnokov Yuri Valentinovich (Russia)	Dr. (Biol.Sci.)	FSBSI "Federal Research Center the N.I. Vavilov All-Russian Institute of Plant Genetic Resources", Chief Researcher of the Laboratory of Molecular and Ecological Genetics	Over 215 scientific publications, one patented invention. An expert in genetics, molecular biology and biotechnology. Knowledge of modern methods of classical and molecular genetics, in particular, methods of double haploids and recombinant inbred lines creation and evaluation for mapping loci of the economically important traits; methods of mono- and dicotyledon plants genetic transformation; methods of extraction, purification, separation, chromatography and

				electrophoresis of proteins and nucleic acids; Southern/Northern/Dot blot hybridization, PCR and RFLP DNA fingerprinting, PCR analysis and DNA marking, transgenes monitoring in plant genotypes.
27	Shamsutdinov Zebri Shamsutdinovich (Russia)	Dr. (Agri.Sci.), Prof., Corr.Mem.	V.R. Williams All-Russian Fodder Research Institute, Head, Arid Forage Plants Department	About 400 scientific publication including 27 books and booklets, 9 monographs among them. 16 author's certificates for inventions. Author of 6 cultivars of arid forage crops. An expert in studies of eco-biological, physiological and phytocenotic peculiarities of promising forage plants being introduced into cultivation; of the structure of productivity of natural and artificial plant communities in the foothill, wormwood-ephemeric and sandy Kyzylkum deserts. Development and upgraded methods for improving desert and semi-desert rangelands.
28	Alimgazinova Bayan Shurumbayevna (Kazakhstan)	Dr. (Biol.Sci.), Assoc.Prof.	Chief, Scientific Maintenance of Agriculture, Plant Growing and Mechanization Division, Chief Scientific Coordinator for Plant Growing at JSC KazAgroInnovatsiya (Astana)	Coordinator of the Agriculture and Plant Industry aspect of the Program "Applied Research for the Agroindustrial Complex". Outstanding contribution to the development of international cooperation (personal management of joint projects with the FAO, ICARDA, CIMMYT, Bioversity International, Australian Center for International Agricultural Research, etc.) Supervision of Ph.D. students. Over 125 scientific publications, abstracts, reports in republican and international sources. Co-authorship in four barley cultivars.