

CURRICULUM VITAE



Konstantin G. Skryabin

Date of birth

29 April 1948

Place of birth

Moscow (Russian Federation)

Address

Centre «Bioengineering», *The*
Russian Academy of Sciences;
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Education

Moscow State University, Biological Faculty,
Department of Molecular Biology (1965-1970)

Training

1970-1973

Moscow State University, Russia, postgraduate student,
Biological Faculty, Department of Molecular Biology.
Ph.D. in 1974.

1976-1977

Honorary research fellow in Biology, Harvard
University, USA, (Prof. W.Gilbert, Head of the
Department).

Positions

1974-1984

Senior researcher at the Institute of Molecular Biology,
USSR Academy of Sciences.

1984-1991

Head of the Department, Institute of Molecular Biology,
USSR Academy of Sciences.

1986 - present

Professor, Faculty of Biology, Moscow State University.

1991 - present

Director and founder of the Centre «Bioengineering»,
Russian Academy of Sciences.

2007 - present

Vice-Director, National Research Centre “Kurchatov
Institute”.

2007 – present

Head, Chair of Biotechnology, Faculty of Biology,
Lomonosov Moscow State University.

2009 - present

Member, Presidium of the Russian Academy of
Agricultural Sciences.

Society Memberships and Honors

2008

Russian Academy of Sciences, Full member
(academician).

1999

1997

Russian Academy of Agricultural Sciences, Full member
(academician).

2005

European Molecular Biology Organization, Associate
member.

2007

Honorary Doctor of the Moscow State Academy of
Veterinary Medicine and Biotechnology

Honorary Doctor of the National Agricultural University of
Ukraine.

Research activities

- Establishing genome sequencing techniques in Russia, pioneering research projects on sequencing of eukaryotic ribosomal RNA genes, genomes of plant viruses and bacteriophages.
- Development of systems for production of growth hormones, other biologically active proteins in bacterial and eukaryotic cells, structural studies of pharmaceutically important proteins.
- Construction of transgenic plants resistant to herbicides, pathogens and abiotic stresses.
- Scientific and regulation activities in transgenic plants field trials, including the UPOV-based testing of variety identity.
- Genetic analysis and mathematical modeling of plant flower development
- Development of new techniques for expression of target proteins in plants based on the use of self-replicating plant viral vectors. Production of vaccine proteins in plants.
- Design and engineering of artificial proteins, protein complexes and viral-like particles with predetermined properties for nanobiotechnological applications.
- Sequencing and analyzing the genomes of extremophilic microorganisms, search and isolation of new enzymes for biotechnological applications.
- Plant genome studies and biodiversity assessment using DNA-based approaches.
- Analysis of genetic diversity of human populations, identification of polymorphic loci associated with various diseases in different ethnic groups.
- First complete human genome of kidney cancer patient.
- Biosafety and ethical issues of genetic engineering.

Public activities

1989-1997

COBIOTECH (Committee on Biotechnology of International Council of Scientific Unions), Secretary General/ Treasurer COBIOTECH

1993 - present

Chairman, Scientific Council on Biotechnology, Russian Academy of Sciences

2001 - present

Member, The Council at the President of the Russian Federation on Science, Technologies and Education

1997 – present

2006 – present

Vice Chairman of Inter-Agency Committee on Genetic Engineering

2008 - present

Vice Chairman of Russian Bioethics Committee under the Commission of Russian Federation for UNESCO
Member, Scientific and Technical Council of the state

corporation "RUSNANO"

International collaborations

Prof. K. Skryabin is actively promoting collaboration of Russia with EU within the 7th Framework program in biotechnology, as well as bilateral collaborations with Poland, France and Germany in the areas of post-genomic biotechnology, plant sciences and bioinformatics. He promoted organization of two Polish-Russian meetings in biotechnology (Moscow, 2008 and Gdansk, 2009). He was invited as a speaker and chairman of several international scientific conferences. Prof. Skryabin is a member of two working groups of the OECD, - "Working group on the Harmonization of Regulatory Oversight of Biotechnology" and "Task Force for the Safety of Novel Foods and Feeds"; he organized in Moscow and St.-Petersburg five international meetings for Biosafety with participation of the OECD experts.

Editorial Posts in different years:

Prof. K. Skryabin has been associated with the Editorial Boards of several peer reviewed journals in Russia and abroad, including FASEB Journal (USA), The Plant Journal (UK), Trends in Biotechnology, BioEssays, Biotechnology (Russia), Problems of Biological, Medical and Pharmaceutical Chemistry (Russia), Reports of the Russian Academy Agricultural Sciences (Russia), Plant Protection News (Russia), Ecological genetics (Russia), Russian Nanotechnologies (Russia), Medical Science and Practice (Russia), Cell Technology in biology and medicine (Russia), Agricultural Biology (Russia), Biotechnology (Ukraine).

Publications

450 scientific papers, including over 59 patents and inventions.

Awards

1983

State Prize of the USSR in Science and Technology

2006

Officer of Order of the Academic Palm (France)

2008

Order for Services to Motherland 4th Rank (Russian Federation)