

On the 90th Birthday of Nikolai Sergeevich Egorov

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On January 5, 2010, we celebrated the 90th birthday of Prof. Nikolai Sergeevich Egorov, doctor of sciences (biology), honored science worker of the Russian Federation, and professor emeritus of Moscow State University.

Egorov is among the best-known microbiologists and science managers in Russia. From 1967 to 1988, while working as deputy minister of the Soviet Ministry of Higher and Specialized Secondary Education, he also headed the Department of Microbiology, Biological Faculty, Moscow State University (without remuneration).

Egorov's youth coincided with the period of the Great Patriotic War and the postwar restoration of the country. Since the first days of the war, he participated in the battles against the Nazi occupiers of the defense of Odessa and Ochakov. He was wounded during the battle for Novorossiisk and subsequently demobilized.

In 1943, Egorov joined the Biological Faculty of Moscow State University and obtained his candidate

of sciences degree under the supervision of V.N. Shaposhnikov.

His scientific work has always been related to economically important issues. He was among the first microbiologists studying the microbial production of such antibiotics as streptomycin, chlortetracycline, novobiocin, actinomycin, and gramicidin S. Subsequently, he initiated the work on microbial proteolytic enzymes with thrombolytic and coagulase action.

Egorov is the author of over 680 scientific publications and has 95 inventor's certificates. He is a coauthor of two industrial regulations (for production of nisin and gramicidin S) and two patents.

Among his publications are over ten books, including six editions (from 1964 to 2004) of the university textbook *Osnovy ucheniya ob antibiotikakh* (Basic Antibiotic Science); the tutorial *Vydelenie mikrobov-antagonistov i biologicheskie metody opredeleniya anti-bioticheskoj aktivnosti* (Isolation of Antagonistic Microorganisms and Biological Methods for Detec-

tion of Antibiotic Activity, 1965); *Promyshlennaya mikrobiologiya* (Industrial Microbiology), a tutorial edited by Egorov (1989); *Geterogenost' populyatsii bakterii i process dissotsiatsii* (Heterogeneity of Bacterial Populations and the Process of Dissociation), in joint authorship with E.S. Mil'ko (1991); *Bakterial'naya bioluminesentsiya* (Bacterial Bioluminescence), in joint authorship with V.S. Danilov (1990); eight books of the tutorial *Biotekhnologiya* (Biotechnology), edited by N.S. Egorov and V.D. Samuilov (1987); the first book of *Problemy i perspektivy* (Problems and Prospects), in joint authorship with A.V. Oleskin and V.D. Samuilov; *Antibiotiki-polipeptidy* (Polypeptide Antibiotics), edited by N.S. Egorov (1987) with Egorov as one of the authors; the chapter Microbiological Synthesis of Proteolytic Enzymes Possessing Fibrinolytic Activity in the book *Thrombosis and Thrombolysis* (New York, London, 1986); collected articles *Antibiotiki i ikh produtsenty* (Antibiotics and Their Producers), edited by A.B. Silaev (1975) with Egorov as one of the authors; and the monograph *Khimicheskaya mikrobiologiya* (translation of *Chemical Microbiology* by A. Rose, edited and with a foreword by Egorov, 1971), etc.

Egorov is the author of 11 articles on university education, training, and employment of specialists with higher education.

Egorov was awarded a Prize of the Soviet Council of Ministers for development of the preparations of microbial nucleases and related enzymes in 1987 and the Soviet State Prize for the textbook *Basic Antibiotic Science* in 1989.

During his work at Moscow State University, he supervised 4 doctoral and 61 candidate works.

Egorov has always combined fruitful scientific work with extensive public activities. For many years he has been a member of the Presidium of the All-Union and

All-Russian Society of Microbiologists, Society of Biotechnologists, and a member of the Academic Council of Moscow State University. He is presently a member of the Dissertation Board of Moscow State University in microbiology and biotechnology, a member of the Editorial Board of the journal *Antibiotiki i khimioterapiya* (Antibiotics and Chemotherapy), a member of the Presidium of the Council of Veterans of the Great Patriotic War of Moscow State University, and chairman of the Council of Veterans of the Great Patriotic War of the Biological Faculty, Moscow State University.

For his participation in the Great Patriotic War and his fruitful scientific and social activities, Egorov was awarded six orders—Orders of the Patriotic War first and second class, two Orders of the Red Banner of Labor, the Order of the Badge of Honor, and the Order of People's Friendship, as well as 16 medals, including a Medal for the Defense of Odessa, Medal for the Defense of the Caucasus, Medal for the Victory over Germany in the Great Patriotic War 1941–1945, Medal for Labor Valor, etc.

Egorov is presently a professor of the International Biotechnology Center, Moscow State University, where he gives a course on antibiotics for microbiology students, and supervises the scientific work of a group of workers and graduate students of the Department of Microbiology.

The staff of the International Biotechnology Center, Moscow State University; lecturers, workers, post-graduates, and students of the Department of Microbiology, Biological Faculty, Moscow State University; and the Editorial Board and contributors of "Mikrobiologiya" (Microbiology) wish Nikolai Sergeevich good health, many happy returns, and creative progress in his various activities.

Editorial Board of *Microbiology*