



Professor Mikhail A. Paltsev, MD, PhD, member of the Russian Academy of Sciences (RAS) and Russian Academy of Medical Sciences (RAMS), member of the RAS Presidium, a Honorary Professor of M.V.Lomonosov Moscow State University, contracted by the Russian Government to be a Deputy Director for Biomedical Research of the National Research Centre “Kurchatov Institute” to provide national leadership for this center in the area of biomedical research.

Recipient of the USSR Government-issued awards, awards of the President of Russia and of the Russian Government. Member of a Section of Medical-Biological Science, the Russian division of the International Academy of Science. Member of International Academy of Pathology, and European Society of Pathology.

Professor M.Paltsev initiated in Russia pioneering research projects in molecular medicine and created in Moscow in 2000 a new Institute of Molecular Medicine, *i.e.*, the first Institute in this area whose aims and objectives would be a development of approaches for setting up new generations of molecular tools for early and pre-early diagnosing and thus technologies based on fundamental principles to be utilized and accomplished for clinical and preclinical trials.

In 2003 Prof. M.A. Paltsev laid a first brick to issue a new journal entitled as “Molecular medicine” to illustrate broader coverage of most of the areas of molecular medicine to reveal fine chains of the molecular mechanisms of the diseases, devel-

opment newer diagnostic and therapeutic tools based on the molecular targets to be created and then to be implemented into the clinical practice (to be translated) and to thus monitor running of the chronic diseases. The topics would demonstrate benefits of molecular medicine as a new and informative discipline of the medical science and practical medicine based fundamentally on the new mentality, edited knowledge and international experience to control chronic diseases, to thus monitor the patients, and to predict the transformation of steps of subclinical abnormalities into a stage of clinical manifestations, and, finally, the full-term clinical illness. «Molecular Medicine» journal is on the top of the Russian timely issued journals published and recognized today by the Russia academical and clinical communities. The journal and a procedure for having manuscripts published there are strictly suggested for PhD students and Post Doc associates to present their valuable results and research outcome to support maintenance of awarding PhD.

Under the aegis of Prof. M. Paltsev, a series of the known research projects revealing intercellular interrelationships have been done. Apart from the latter, a new panel of research projects has covered a trend to get novel biomarkers and biopredictors to make the proper prognosis of the clinical running of the disease or to predict steps of transformations of more moderate into more severe stages including risks of provoking gene resistance.

His research now focuses on the application of proteomics and genomics for the study of cancer, IDDM1, and neurodegenerative disorders, and the development of new diagnostic tools and therapeutics. The overall objective of Prof. M. Paltsev' research program is to understand the biology of stem cells, the interplay between parenchymal cells and stromal microenvironment, and the cellular and molecular level through molecular genetics and functional genomics work. Prof. M. Paltsev has also carried out translational research and clinical trials.

Extensive research contributions on the molecular and cellular biology, the role of the immune response against tumors and as applicable to autoimmunity, the identification of the molecular basis of autoimmune diseases and the mechanisms of

chronization include about 150 peer-reviewed publications, 80 books and chapters, and 22 patents.

Prof. M. Paltsev is known as a *Consultant* to many professional societies and associations, research institutions, healthcare providers, government agencies, and medical biotechnology companies as well. He is responsible for the national policies and programs of health promotion and disease prevention and prophylaxis.

Prof. M. Paltsev is also author more than 80 monografies, textbooks and medicine atlases, 22 authors patents.