



Victor Vitvitsky is a chief research investigator at the Center for Theoretical Problems of Physicochemical Pharmacology, Russian Academy of Sciences, Moscow, Russia. In 1974 he graduated from the Chair of Biophysics, Department of Physics of the Lomonosov Moscow State University. He received a PhD degree in Physics and Mathematics in 1981 and a Doctor of Sciences degree in biology in 2016. He works in the field of regulation of metabolic systems, as well as in the field of the use of red blood cells as bioreactors and drug delivery vehicles in the body of patients. His scientific interests include system analysis of mechanisms of regulation of housekeeping metabolic systems in mammalian cells, experimental investigation of the energy and redox metabolism regulation in mammalian cells and using of red blood cells for transportation of asparaginase, alcohol dehydrogenase and anthracycline antibiotics in the blood stream.