Mikhail Panteleev is a director of the Center for Theoretical Problems of Physicochemical Pharmacology, Russian Academy of Sciences. He is also a professor at the Department of Medical Physics of the Lomonosov Moscow State University. He received a M.Sc. in Physics from the Lomonosov Moscow State University in 2002, and PhD in Biology from the National Research Center for Hematology, Russian Academy of Medical Sciences, in 2005. He received a Doctor of Science degree in 2010, and was elected Corresponding Member of the Russian Academy of Sciences in 2019. He works in the field of thrombosis, hemostasis and vascular biology using approaches based on fluorescent imaging, computational systems biology and mathematical physiology. His interests include mechanisms of thrombus formation and the role of individual processes in the regulation of thrombus structure, platelet signal transduction network and significance of individual signalling pathways, procoagulant platelet formation and platelet-coagulation factors interactions, interactions of the hemostatic system with immune and vascular cells, and programmed cell death and senescence. As a translation of this research, his team develops innovative clinical assays of platelet function and work together with pharmacologists to identify new drug targets or understand the mechanisms of action of the existing anti-platelet and pro-hemostatic drugs.