**Vladimir Katanaev**graduated from Krasnoyarsk State University and Moscow State University (Pushchino branch), Russia. He received his PhD in 2000 from the Institute of Biochemistry, University of Fribourg. From 2000 to 2005 he worked as postdoct and subsequently as associate research scientist at the Department of Genetics and Development of Columbia University, New York. There he started his research on the Wnt/Frizzled signaling in Drosophila development. He continued to study this signaling cascade in Drosophila and mammalian cells as an independent Group Leader at the University of Konstanz (Germany), where he also completed his Habilitation in 2010. He joined the Department of Pharmacology and Toxicology of the University of Lausanne (Switzerland) in April 2011 as Associate Professor. In October 2018, he joined the Faculty of Medicine of the University of Geneva, where he became a Full Professor at the Department of Cell Physiology and Metabolism, working on the fundamental and translational (in the context of cancer and rare neurological diseases) aspects of Wnt and GPCR signaling pathways, as well as in bionanotechnology. Prof. Katanaev is the Leader of the Working Group “Learning from nature – photonic surfaces in biological objects” of the European Action CA21159 “Understanding interaction light - biological surfaces: possibility for new electronic materials and devices (PhoBioS)” and a recipient of the 3R Prize of the University of Geneva for his work on modeling human diseases in Drosophila. He is a member of the International Eurasian Academy of Sciences and the Academic Director of the HumanaFly Facility dedicated to modeling human diseases in Drosophila.