

Vladimir V. Zarubaev

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Vladimir V. Zarubaev is a renowned virologist and specialist in the field of pre-clinical studies of anti-viral drug. Born in 1966, he graduated the Biological Faculty of St. Petersburg State University and after postdoctoral training in Wadsworth Center for Laboratory and Research (NYS Department of Health, Albany, NY, USA) worked in Influenza Research Institute as Head of Molecular Chemotherapy Lab. Now he leads the direction of research and development of antivirals in St. Petersburg Pasteur Institute. In 2019 he defended D.Sci. thesis “Camphor derivatives as broad-spectrum anti-influenza agents”.

Dr. Zarubaev’s area of expertise is novel drugs against actual viral infections and mechanisms of viruses’ resistance to direct-acting antivirals. Under his leadership, in close collaboration with team of chemists in Novosibirsk, Russia, the novel anti- influenza drug Camphocene has been developed and fully characterized. Currently, Vladimir V. Zarubaev coordinates anti-viral researches in collaboration with Russian and foreign chemists and phytochemists, including but not limited to Romania, India, Malaysia, Cambodia, Thailand. His group identifies the synthetic compounds and plant extracts that are able to suppress replication of viruses. Further, their *in vivo* activity and mode of action is assessed, and the targets identified. Based on the results of his work, several molecules have been found that have potential as drugs against influenza, entero-, herpes- or adenoviruses. More than 120 scientific papers and two monographs are published as well as 18 patents of Russian Federation obtained. Dr. Zarubaev is a full member of American Society of Virology.