

To the 70th jubilee of Volodymyr Ivanovych Kashuba, Corresponding Member of NAS of Ukraine



The staff of the Institute of Molecular Biology and Genetics sincerely congratulates the outstanding scientist, corresponding member of the NAS of Ukraine, head of the Department of Molecular Oncogenetics of the IMBG NAS of Ukraine, Volodymyr Ivanovich Kashuba on his anniversary

(70th birthday) and wishes him good health, scientific inspiration, well-being and new scientific achievements.

Kashuba V.I., born in 1956, graduated from the Faculty of Chemistry of National University of Kyiv, named after T.G. Shevchenko, in 1983. His scientific activity is connected with the Institute of Molecular Biology and Genetics of the National Academy of Sciences of Ukraine, where he worked as an engineer (1983—1986), junior research fellow (1986—1989), senior research fellow (1991—2004), head of the Laboratory of Molecular Oncogenetics (2009—2011) and since 2011 head of the Department of Molecular Oncogenetics.

From 1991 to 2019, Kashuba V.I. periodically completed scientific internship in Sweden at the Karolinska Institute. In 2009, he defended the doctoral dissertation “New genes-suppressors of epithelial tumor growth” in the specialty “molecular biology”. Kashuba V.I. is a co-author of the modern NotI-microarray technology. The results obtained using this technology have shown particular changes in a number of genes in a significant percentage of human malignancies (lung cancer, ovarian cancer, clear cell renal carcinoma, cervical cancer), some of which shown for the first time. Another area of his scientific interests is elucidation of the pathophysiological mechanisms of tumor-stromal interactions. He has shown an important role of tumor-associated fibroblasts in the



inhibition of tumor growth. Based on the results obtained, three molecular subtypes of prostate cancer were identified.

V.I. Kashuba is a highly qualified scientist, the author of 170 scientific publications in the fields of molecular biology, molecular genetics, and

oncogenetics. He is also a successful inventor, holding three international patents. His Scopus h-index is 34 and the Scopus citations total 3,800. The total impact factor of publications is approximately 500. Many of his works have been published in high-impact, high-priority scientific journals such as: PNAS, PLOS One, Cell Adh Migr, Oncotarget, Nucleic Acid Research, Cytokine, Pharmaceuticals, Microbial Ecology in Health and Disease, J. Disease Markers, Sci. Rep, Pharmacological Reports *et al.*

Kashuba V.I. is the scientific director and main executor of a number of national and international research projects, in particular INTAS, STCU, FP7. From 2003 to the present Kashuba V.I. has been a member of the European Association for Cancer Research (EACR) and has collaborated closely with the Karolinska Institute, Sweden. Kashuba V.I. is the S.M. Gershenzon Prize laureate in 2018 for the series of works “Tumor-associated genes in human malignant neoplasms, new tumor growth suppressor genes”.

Kashuba V.I. is a member of the Academic Council of the IMBG NAS. Under his supervision 4 theses were defended.