



### *Academician of the NAS of Ukraine Borys Grynyov turns 70*

On April 1, 2026, the outstanding Ukrainian scientist, Academician of the National Academy of Sciences of Ukraine and Director of the Institute for Scintillation Materials of the NAS of Ukraine, Borys Viktorovych Grynyov, celebrates his 70th birthday.

The main areas of B.V. Grynyov's scientific activity include the study of the fundamental properties of scintillation materials, the search for new scintillators, and the development of instruments and devices based on them for various applications. Under his leadership, a new class of scintillation single crystals of complex compounds, alkaline-earth and rare-earth borates, has been created, as well as unique plastic scintillators weighing up to 1000 kg, with record transparency and radiation resistance.

On the initiative and under the scientific supervision of B.V. Grynyov, domestic production of ultra-pure salts for the growth of alkali-halide single crystals was established. Research is being carried out on scintillation materials for experiments aimed at detecting rare nuclear processes, such as double beta decay and interactions of dark matter particles, along with the development of methods and technologies for their production. With his participation, technologies for producing scintillation materials using 3D printing are currently being developed for high-energy physics experiments at CERN.

He is the founder and editor-in-chief of the book series “State and Prospects for the Development of Functional Materials for Science and Technology”, a member of the editorial board of the journal “Functional Materials” (established on his initiative), as well as several other academic journals.

Under the scientific supervision of B.V. Grynyov, 9 doctoral and 8 PhD dissertations have been completed. He is the author and co-author of more than 1,400 scientific publications, 178 inventions, and 34 monographs, books, and textbooks.

Since March 2017 to the present, he has served as the representative of Ukraine at CERN.

B.V. Grynyov is a laureate of the State Prize of Ukraine in Science and Technology, the Prize of the Cabinet of Ministers of Ukraine for the development and implementation of innovative technologies, and the V.G. Kurdyumov and V.I. Trefilov prizes of the NAS of Ukraine. He has been awarded Certificates of Honor from the Cabinet of Ministers of Ukraine and the Verkhovna Rada of Ukraine, the Orders of Prince Yaroslav the Wise (IV and V classes), and is a Full Cavalier of the Order of Merit. He is also a laureate of the international Breakthrough Prize in Fundamental Physics.

In addition to his scientific work, B.V. Grynyov is also a well-known Ukrainian collector (since 1994) and poet. The Grynyov family collection includes works of Ukrainian art from the 20th to the early 21st century. Today, the collection comprises more than 4,000 items (painting, graphics, photography, sculpture, etc.). Since 2018, B.V. Grynyov has authored 16 poetry collections, most of which were created in collaboration with well-known contemporary Ukrainian artists.

The members of the editorial board of the journal “Functional Materials” sincerely congratulate Borys Viktorovych and wish him good health and new achievements in all areas of his multifaceted activities!