

VACHE IVANOVICH ISAGULYANTS (1893-1973)



The outstanding scientist and teacher, Academician of the Academy of Sciences of the Armenian SSR Vache Ivanovich Isagulyants died on January 22, 1973.

Vache Ivanovich participated actively in research associated with the creation of the Soviet pharmaceutical-chemistry industry. In particular, he developed and introduced an original method for the production of neosalvarsan. He also made an enormous contribution to the organization in the USSR of the manufacture of synthetic aromatic principles. The design and construction of a combine for synthetic aromatic principles in Kaluge were realized under his direct supervision and on the basis of methods developed by him. His fundamental research in this field was correlated in the monograph "Synthetic Aromatic Principles," which was published in 1936 and again in 1946.

The subsequent scientific-research efforts of Academician Isagulyants were associated with the development of petrochemical synthesis. His research in the chemistry of acetylene derivatives and in the synthesis and transformations of substituted 1,3-dioxanes and other oxygen-containing heterocycles is widely known.

Research on the use of ion-exchange resins as catalysts for organic reactions has been carried out for the last 15 years under his supervision. The studies on the synthesis of substituted phenols via this route proved to be of great assistance to our industry during the development of new technology for the manufacture of phenol-formaldehyde resins, polyfunctional additives for oils, fuels, and polymers, detergents, etc. and facilitated a reduction in the contamination of waste waters.

In addition to his intensive scientific research, Professor Isagulyants was an active teacher in colleges for 50 years. For more than 40 years he taught in the Gubkin Moscow Institute of the Petrochemical and Gas Industry. Under his supervision, a large number of candidates' dissertations were completed, and a number of his students became Doctors of Science.

The death of Vache Ivanovich Isagulyants is a heavy loss for Soviet chemists.

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