



In Memory of Professor Evgeny Antonovich Lukyanets

Professor Evgeny A. Lukyanets - an outstanding phthalocyanine scientist and member of the editorial advisory board of *Macroheterocycles*, passed away on 13 January 2023.

Professor Evgeny Lukyanets was born on July 21, 1938 in Ukraine. He graduated with a B.Sc./M.Sc. degree from Chemistry Department of Moscow State University in 1961 and received his Ph.D. degree in 1964. In 1979 he obtained a D.Sc. degree and became a Professor of Organic Chemistry in 1980. He started a research career at the Institute of Organic Intermediates and Dyes (NIOPIK) in 1964, became head of the functional dyes laboratory in 1967, and chaired all institutional R&D activities since 1983.

Professor Lukyanets was a well-known person in the synthesis and physicochemical study of substituted phthalocyanines and their analogs (especially naphthalocyanines, tetraazaporphyrins, tetrabenzoporphyrins). His laboratory pioneered a synthesis of highly soluble *tert*-butyl phthalocyanines, naphthalocyanines, tetraazaporphyrins, tetrabenzoporphyrins and *meso*-tetrakis substituted tetrabenzo- and tetranaphthoporphyrins as well as of tetraazachlorins, tetraazabacteriochlorins and their substituted and condensed

analogs. The synthetic strategies for the preparation of many functionalized macroheterocycles and also of intermediates for them as well as organic luminescent compound (benzoxazole, coumarin, rhodamine, phenoxazine, phenalene derivatives) were developed under his guidance for applications in electronics, microelectronics, laser technology, information recording, catalysis, medicine and so on.

During the last 30 years, his group has been involved in the synthesis of phthalocyanines and their analogs useful in photodynamic cancer therapy (PDT) and antimicrobial PDT. Sulfonated aluminum phthalocyanine and 5-aminolevulinic acid are currently used for cancer diagnostic and PDT treatment in Russia. During his career, Professor Lukyanets co-authored more than 700 peer-reviewed publications and mentored about 20 Ph.D. students. He is a recipient of the Ukrainian State Award in research (1974) and the USSR Government Award (1982). Professor Lukyanets received the SPP lifetime achievement award in 2008.

Our sincere belated condolences to all of his family, co-workers and friends - He will be sadly missed in the community of phthalocyanine chemists.