

## Yurii Stepanovich Drugov is 75

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In January 2011, the well-known analytical chemist Yurii Stepanovich Drugov, Doctor of Chemistry, turned 75. After graduating from the Faculty of Chemistry of Moscow State University in 1960, he successfully combined teaching with scientific activity and became one of the leading experts in ecological analytical chemistry, especially in air analysis.

Dr. Drugov for a long time developed gas chromatography procedures for the analysis of contaminated air in working areas and, in 1969, defended his candidate's dissertation. He showed that aggressive and reactive gases (chlorine, hydrogen chloride, nitrogen oxides, ozone, etc.) could be successfully separated not only on inert sorbents like Teflon but also on traditional selective liquid stationary phases. This was done in practice. The experience accumulated in this field allowed Drugov in coauthorship with B.I. Anvaer to write one of the first monographs in the world *Gazovaya khromatografiya neorganicheskikh gazov* (Gas Chromatography of Inorganic Gases, 1976),

which has been in use up to the present time. After that, in coauthorship with different researchers, he wrote three more monographs devoted to the analysis of contaminated air. One of these books was translated into English (1991).

The scientific activity of Dr. Drugov was also aimed at improving the reliability of gas chromatographic identification of pollutants in air. His research in this field resulted in a doctoral dissertation, in which a new method of identification of organic and inorganic pollutants in air was proposed on the basis of reaction gas chromatography (1987), and also the monograph *Gazokhromatograficheskaya identifikatsiya zagryaznenii vozdukha, vody i pochvy* (Gas Chromatographic Identification of Contaminants in Air, Water, and Soil, 1999). The monograph received good reviews from experts and was reprinted in 2005. Professor Drugov is an author of a great number of scientific papers in the leading scientific journals. In coauthorship with A.A. Rodin, he published about 30 monographs on the most important problems of ecological analytical chemistry. His textbook *Ekologicheskaya analiticheskaya khimiya* (Ecological Analytical Chemistry, 2002) is used at the Faculty of Chemistry of Samara State University and in many other higher institutes of learning. The monograph *Gas Chromatography in Air Pollution Analysis* by V.G. Berezkin and Yu.S. Drugov is in demand at universities in Canada and the United States. Drugov's monograph *Gazokhromatograficheskii analiz zagryaznennogo vozdukha* (Gas Chromatographic Analysis of Contaminated Air) has run through four editions. Good reviews were published on Drugov's monographs in *Zhurnal Analiticheskoi Khimii* (Journal of Analytical Chemistry, English translation), *Zavodskaya Laboratoriya*, and *Ekologicheskaya Khimiya*. In one of them (I.A. Revelskii, *Zavodskaya Laboratoriya. Diagnostika Materialov*, 2008, vol. 74, no. 7), it was noted that "the majority of the author's monographs have no foreign analogues now."

From 1998 to 2006, Professor Drugov was the Chair of the Moscow Workshop on the Analysis of Environmental Objects at the Faculty of Chemistry of Moscow State University. In 2001, Yurii Stepanovich was awarded the Tswett Medal "For the Development of Chromatography." Professor Drugov is a member of the Scientific Council on Analytical Chemistry of the Russian Academy of Sciences; he continues to work actively in the field of environmental analysis.

His colleagues and friends congratulate Yurii Stepanovich on his birthday and wish him good health and new successes.