



**Prof. Simion Gocan PhD.**

Simion Gocan graduated from the Faculty of Chemistry, Research and Analysis Department of "Victor Babes" University, Cluj-Napoca in 1954. In 1969 he obtained his PhD under the supervision of Prof. Dr. Candin Liteanu. His teaching activity started at the Physical Department of the Polytechnic Institute and continued at the Pedagogical Institute as an assistant professor in Cluj-Napoca. In 1972 he joined the Faculty of Chemistry and Chemical Engineering, "Babes-Bolyai" University and from 1990 he was a full professor at the Analytical Chemistry Department. He was the head of the Department from 1990 to 1996, when he retired. His activity continued as a consulting professor and in 2009 he was granted the title of honorific consulting professor.

Professor Simion Gocan is among the first Romanian researchers who implemented and developed the analytical separation techniques based on chromatography. He introduced the new subject of "Separation Methods" in the faculty curriculum. Understanding the importance of modern data processing and interpretation he introduced the "Chemometrics" course, as a new course. In the position of PhD coordinator, he supervised ten doctoral theses in the field of separation methods, such as optimizing the chromatographic separation process, lipophilicity determinations, sample preparation for chromatographic analysis, immunoassay analysis, bioactive compound determination from different medicinal plants.

Professor Gocan is a member of many scientific societies of chemistry, analytical chemistry and chromatography, in the country and abroad. His academic activity is reflected in seven textbooks, collection of problems, practical work guides and courses for students or postgraduate training programs.

#### BIOGRAPHY PROFESSOR SIMION GOCAN PhD.

Professor Gocan has a rich publishing activity. He is co-author of ten scientific books such as "Fundamentals of Column Adsorption Chromatography" (1971), "Fundamentals of Ionic Exchange Chromatography on Paper and Thin Layers" (1972), "Liquid Chromatography", Ed. Stiințifică (*printing house*), Bucharest, 1974. The last one was considered at the time a fundamental book for the training of researchers and teaching staff. Other reference books are "Gradient Liquid Chromatography", Ed. Tehnică (*printing house*), Bucharest, 1976, "Analytical Separation", Ed. Dacia (*printing house*), Cluj-Napoca, 1981, "Analytical Immunochemistry" (1995), "Modern Techniques for sample preparation" (2006).

His theoretical and experimental researches as well as his pedagogic experience were fructified into a series of books focusing on high performance chromatography: Gas Chromatography (1998), Liquid Chromatography (2002) and Thin Layer Chromatography (2005). He is co-author of the book "Gradient Liquid Chromatography" in the Series in Analytical Chemistry published by Ellis Horwood, Chichester, London, 1974. Professor Gocan published several chapters in scientific books such as: Chapter 2 "Stationary Phases in Thin-Layer Chromatography"; Chapter 3 "Mobile Phases in Thin-Layer Chromatography"; Chapter 4 "Theoretical Aspects of Thin-Layer Chromatography in Modern Thin-Layer Chromatography", Marcel Dekker, N. Grinberg (Ed), New York, 1990 and Chapter 28 "Organophosphates", in Handbook of Water Analysis, L.M.L. Nollet (Ed.) Marcel Dekker, New York, 2000. He had also brought his contribution in "Encyclopedia of Chromatography", Marcel Dekker, New York, first edition in 2001, 2<sup>nd</sup> edition. 2005 and 3<sup>rd</sup> third edition in 2009.

The professor's entire scientific activity is reflected in 105 peer-reviewed articles published in the country and 38 in prestigious international journals, of which 8 review papers. He was invited to sustain plenary presentations at many national and international meetings and conferences.

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