## Autobiography

I got my Master of Science (M.S.) degree in chemistry and physics at the Faculty of Natural Sciences, Kossuth University Debrecen in 1959. As an undergraduate student, I dealt with the separation of the active agents of medicinal herbs. I read lectures on this topic several times.

After graduation I worked at the Department of Soil Research of the Agricultural Quality Control Institute

I have been working at the Isotope Laboratory of Kossuth University since 1960. I joined the radiochemical research directed by professor Lajos Imre, especially to the tracer studies of interfacial reactions of carrier free radioactive isotopes. I got my Ph.D. degree in 1963, the title of my thesis was “The diffusion of radium emanation in porous systems”.

Afterwards I dealt mainly with inorganic ion exchanger/electrolyte solution, as well as metal/electrolyte solution systems. The carrier free radioactive isotopes take up great deal of my work in the first field e g. transport processes and adsorption of radioactive isotopes in clays and soils. In the former field I got my Candidate of Science (C.Sc.) degree in 1982 and Doctor of Science (D.Sc.) degree in 1997. Nowadays, I am working in these two fields. I demonstrated my results in 118 publications and 241 lectures in Hungarian and foreign languages. I was supervisor for 42 Master’s, 5 Ph.D. and 2 Candidate’s theses. The most important books are Interfacial chemistry of rocks and soils published by Taylor and Francis and Nuclear and radiochemistry published in two editions by Elsevier.

My educational work concentrates on nuclear chemistry for chemical and biological students. In a period of ten years I read special lectures on corrosion.

I take part in different Ph.D. programs (Kossuth University, Chemistry Ph.D. Program, Macromolecular and Surface Chemistry Sub-Program, Analytical Chemistry Sub-Program, Debrecen Agricultural University, Application and protection of soil in view of ecological aspects).

I took part in different cooperations in Hungary and abroad, e.g. with Department of Soil Science, Debrecen Agricultural University, Institute of Soil Science and Agrochemistry of Hungarian Academy of Sciences, Central Chemical Research Institute of Hungarian Academy of Sciences, Bessenyei György Teachers Institute, Nyíregyháza, The Royal Institute of Technology, Department of Inorganic Chemistry, Stockholm, Sweden, UVVVR, Praque, Sevchenko University, Ukraine,

University of California, Berkeley, University of Georgia, a Savannah River Site, Institute of Physics, University of Brasília, Brasília DF, Brazil Department of Chemistry, Tokyo Metropolitan University, Tokyo 192-0397, Japan.

I am a member of the Radiochemical Committee of Hungarian Academy of Sciences. I was a chairman of Corrosion Department and Analytical Department of Hungarian Chemical Society. I was the head of the Corrosion Division of the local branch of the Association of Technical and Scientific Organization.

I am the reviewer of several international scientific journals in the field of radiochemistry, interfacial chemistry (e.g., Acta Geologica Carpatica, Adsorption, Applied Clay Science, Applied Geochemistry, Applied Radiation and Isotopes, Arabian Journal of Chemistry, Clays and Clay Minerals, Colloids and Surfaces A., Electrochimica Acta, Environmental Radiochemistry, Journal of Colloid and Interface Science, Materials Chemistry and Physics, Radiation Measurements, Radioanalytical and Nuclear Chemistry, Periodica Polytechnica Chemical Engineering, Progress in Colloid and Polymer, a Journal of Thermal Analysis and Calorimety).