

GYRGY KEGLEVICH

Gyrgy Keglevich was born in Budapest (Hungary) in 1957 and graduated from the Technical University of Budapest in 1981 as a chemical engineer.

Since that time Keglevich has been working at the Department of Organic Chemical Technology, first as a research employee of the Chinoin Pharmaceutical Factory and from 1982 as a member of the teaching staff as an Assistant Professor. In 1993 he was appointed an Associate Professor. Since 1996 he is a Full Professor at the Department of Organic Chemical Technology. In 1999 he was elected head of the Department of Organic Chemical Technology.

He takes part in the teaching of "Organic Chemical Technology," delivers lectures in "The Chemistry and Utilization of Organophosphorus Compounds" and regularly guides students completing their theses for the M. S. degree. He takes also part in foreign language education.

At first, Keglevich studied the synthesis of phosphoric ester derivatives expected to have biological activity. After getting his Ph.D. degree in 1984, he was a Research Associate at Duke University (Durham, North Carolina) for more than a year. He conducted research on bridged phosphorus heterocycles under the direction of Professor Louis L. Quin. On his return home, Keglevich initiated his own research on P-heterocycles in the subject of ring enlargement of five-membered phosphorus heterocycles and on the utilization of the products so obtained. He elaborated the synthesis of more than twenty families of compounds. In cooperation with L. Quin, bridged P-heterocycles, precursors of low-coordinated fragments, were synthesized and utilized in phosphorylations. The study on the synthesis and reactivity of aromatic phospholes has also been started in the framework of a cooperation. On two occasions he was Visiting Associate Professor at the University of Massachusetts for short periods of time. New research interests for Keglevich include the synthesis of phosphine-boranes and azacrown ethers with phosphonoalkyl side-chains.

He also took part in industrial projects, such as the synthesis of pharmaceutical intermediates and products. Gyrgy Keglevich was given the "Candidate of Chemical Science" degree in 1990 and the "Doctor of Chemical Science" degree in 1994, both on the subject of P-heterocycles. He obtained the "Dr habil." degree in 1995.

He is the author or co-author of 132 papers (92 have appeared in international journals) and 95 lectures.

Gy. Keglevich was given the "Zemplén-Price" in 1991 and the "Szchenyi Fellowship" in 1997. He has been the member of the Editorial Board of the Hungarian Chemical Journal since 1993. He takes part in the work of the Heterocyclic and Organometallic Committee of the Hungarian Academy of Sciences. In 1995, he joined the International Council on Main Group Chemistry, Inc. He has been a member of the Council of the Faculty of Chemical Engineering since 1995. Since 1998 he is a member, and since 1999 he is the chairman of the Chemical Section of the Hungarian Research Fund.

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