

Congratulations to Professor He Binglin on the Occasion of His 80th Birthday—Biographic Sketch of Professor He Binglin



He Binglin was born on August 24, 1918 in Fanyu County, Guangdong Province. He graduated from the Chemistry Department of Southwest Associated University in 1942. After graduation he worked in Chongqing Central Institute of Industry for one year as an assistant engineer and then returned to his Alma Mater University worked as an assistant. In the year 1947 he went to the United States for advanced study. He was conferred the title of Ph.D. of Chemistry of Indiana University in 1952.

In 1956 breaking through one barrier after another he returned to China for the sake of immense love for the motherland. He joined the Chemistry Department of Nankai University as a professor. Since then he took positions of Head of Polymer Chemistry Section, Chairman of the Chemistry Department, Director of the Institute of Polymer Chemistry, of Nankai University successively and President of Qingdao University concurrently (1985~1986). He was the founder of Polymer Chemistry Subject (1958), Institute of Polymer Chemistry (1984) and the State Key Laboratory of Functional Polymeric Materials for Adsorption and Separation (1989) of Nankai University.

Prof. He is a famous educationalist noted with his meticulous scholarship. He has trained large numbers of professionals on polymer chemistry including 7 post doctors, 40-odd Ph.D. doctors and 90-odd masters. Some of them are now noted scholars either at home or abroad.

Prof. He is a distinguished scientist. He made outstanding contributions to the development of organic and polymer chemistry especially in the field of reactive and functional polymers. Immediately after his returning to China as a main member of the group he participated in the research on "No.1 Herbicide" which won the 1st "Prize of Research Achievement" awarded by the State Committee of Science and Technology of China. Then in 1958 he led to develop research on ion exchange resins under the sponsorship of Second Ministry of Machine Building. This research provided the national defence industry of China with the much needed materials for extracting uranium and won "Honour Prize for Devoted to the Science and Technology of National Defence". Later he invented a new method for the synthesis of macroporous ion exchange resins, which led to the birth of a kind of important separation materials—adsorption resins and which played an important and driving role for the development of functional polymeric materials and for the technological progress in related fields such as water treatment, medicine manufacture, catalysis, separation in chemical engineering, environment protection, biotechnology and so on. From the late seventies he extended his academic research to many aspects of reactive and functional polymers such as polymeric reagents, polymer supported catalysts for organic and polymer synthesis, biomedical materials and so on. The great deal of outstanding research work done under him in these areas greatly contributed to the development of functional polymer chemistry in China.

Prof. He have been paying great attention to the combination of theory with practice. In 1958 he helped the University to build the first ion exchange resins plant in China—Chemical Plant of Nankai University. A lot of his research achievements

have been applied in the practical production and gained immense economic and social benefit.

As a gifted and creative scientist he has published 580 research papers in domestic and international journals, over 100 review articles, applied 4 patents and edited a book named "Ion Exchange and Adsorption" as the editor-in-chief.

He has been paying great attention also to the academic exchanges. He is the establisher of the journal "Ion Exchange and Adsorption" (Chin. Ed.) and "Chinese Journal of Reactive Polymers" (Engl. Ed.). He is a permanent member of the Chinese Chemical Society, a member of editorial board of many noted domestic and international journals such as of "Reactive and Functional Polymers", "Science in China", "Chinese Journal of Polymer Science" and so on. He was elected as an academician of the Chinese Academy of Sciences in 1980. He won 27 awards altogether including "the State Natural Science Award", "the State Invention Award", "Award for Progress of Science and Technology of Heliang-Heli Foundation", "International Award of the Society of Polymer Science of Japan" and so on. Owing to his gigantic contributions to the country he was elected to be the National Model Worker in 1980 and the deputy to the 3rd and 5th National People's Congress of China.

Prof. He has been the pioneer in establishment and development of education, research and production in the field of reactive and functional polymers in China. His entire devotion to the scientific research career and the brilliant achievements have won the admiration and respect of domestic and international scientists. On this special occasion of his 80th birthday all the members of editorial board of the Chinese Journal of Polymer Science have the pleasure in conveying their warm congratulations and best wishes for his birthday.