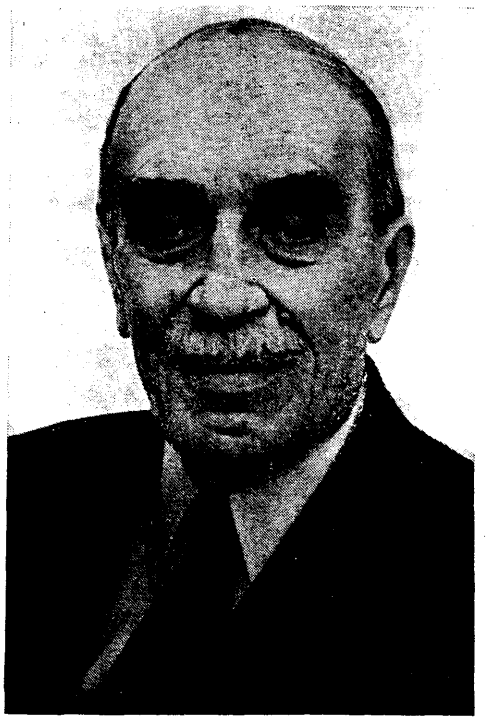
Russian Chemical Reviews

April 1986

Translated from *Uspekhi Khimii*, **55**, 538 (1986)



Academician Nikolai Nikolaevich Semenov

The Editorial Board and the Editors of the journal "Uspekhi Khimii" convey their heartfelt greetings to the outstanding Soviet scientist, awarded twice the title of Hero of Socialist Labour, the Laureate of the Lenin, State, and Nobel prizes, Member of the Praesidium of the USSR Academy of Sciences, and Director of the Institute of Chemical Physics of the USSR Academy of Sciences, Academician Nikolai Nikolaevich Semenov on his 90th birthday.

The establishment and development of chemical physics, the science dealing with the physical nature of the chemical reactions of substances on the basis of modern theoretical and experimental physics, are associated with N.N.Semenov's name. Semenov's work is of special importance in the field of chemical kinetics and the theory of combustion processes and explosions.

Academician Semenov's discovery of branched chain reactions and the creation of a general theory of these processes, which have since served as the basis for many branches of modern science and engineering have gained him world-wide scientific recognition. The development of important branches of science such as the search for new ways of employing solar energy and the development of problems concerning the protection of natural waters are associated with N.N.Semenov's name.

Academician N.N.Semenov's entire scientific life has been devoted to serving his country selflessly. He is not only a major scientist and scientific organiser but is also an outstanding activist as regards as social problems.

The Editorial Board and the Editors of the journal "Uspekhi Khimii" wish N.N.Semenov good health, good spirits, and further successes for the benefit of Soviet science.