

## Mikhail I. Shtilman

Head of Department of Biomaterials of D.I. Mendeleev University of Chemical Technology of Russia, professor.

Date of birth: April 21, 1937; Moscow, Russia.

Education:

- 1959 — Mendeleev Institute, Moscow — Diploma of Engineer.
- 1964 — Mendeleev Institute, Moscow — PhD Diploma.
- 1985 — Mendeleev Institute, Moscow — D. Sc. Degree (Chemistry).

The main area of scientific interests – synthetic design of polymeric biomaterials with specific properties – biocompatibility, compatibility with blood, biodegradability, bioactivity - for medicine, agriculture, biotechnology, genetic engineering.

He developed a new two-semester course of lectures for masters and graduate students “Application of Biomaterials” and gives it at Mendeleev University, Moscow State Technical University, Moscow Physical-Technical University.

Research supervisor of 45 PhD theses and 4 D.Sc. Author of more 850 articles, patents, theses and 7 monographs:

- Korshak V. V., Shtilman M. I. Polymers in the processes of immobilization and modification of natural compounds.- Moscow : Ed.«Nauka».- 261pp. (in Russian).
- Shtilman M. I. Polymeric selective membranes in medicine and biology.- Moscow : NTC.- 1987.- 101pp. (in Russian).
- Shtilman M. I. Immobilization on Polymers. — Utreht — Tokyo : VSP.- 1993.- 496pp.
- Shtilman M. I. .Polymeric biomaterials. Part.1. Polymer implants.- Utreht — Tokyo : VSP.- 2003.
- Shtilman M. I. Polymers for medico-biological use.- Moscow : Academknniga.- 2006.- 420 pp. (in Russian).
- Shtilman M.I. Biodegradation of polymer implants (pp. 159-196). - In: Biocompatible materials. / Ed. V.I.Sevastyanov, M.P.Kirpichnikov, Moscow: Ed. “Medical Information Agency, 2011 - 544 pp. (in Russian).
- Shtilman M.I. Chapters “Biodegradation” and “Bioactive Systems” In: Encyclopedia of Biomedical Polymers and Polymeric Biomaterials. Taylor & Francis, 2016, pp. 469-474, 804-816

Member of Editorial Boards of Journal “Plastmassi”, Russian Journal of Pharmaceuticals, International Journal of Polymer Science, International Journal for Biomedical Polymers and Polymeric Biomaterials, Journal of Controlled Release (1990-1995). Member of Advisor Committee of International Encyclopedia “Biomedical Polymers and Polymeric Biomaterials”

Member of International Society of Controlled Release, Member of International Society of Biomedical Polymers and Polymeric Biomaterials, Affiliate member of IUPAC, Member of Chemical Society of Russia, Fellow of American Institute of Chemists, Honorary member of Toxicology Society of Greece, Professor of International Science Foundation (1998-2001).

Awarded The Leibnitz Medal, The Leonard Euler Medal, «Orden der Ehre» by European Academy of Natural Sciences.