



Prof. Alexander Fridman
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Alexander Fridman is Nyheim Chair Professor of the Drexel University, Philadelphia, USA, and director of the Nyheim Plasma Institute. He develops novel plasma approaches to material processing, fuel conversion, hydrogen production, aerospace engineering, bio-medicine, cosmetics, environmental control, agriculture, and food processing. Significant efforts of Prof. Fridman and his group are focused on development of Plasma Medicine, which is a revolutionary breakthrough research focused on direct plasma interaction with living tissues, direct plasma application for wound treatment, skin sterilization, blood coagulation and treatment of different diseases, not effectively treated before. Prof. Fridman is one of the pioneers of Plasma Medicine, Founding President as well as current 6th President of the International Society of Plasma Medicine.

Dr. Fridman worked and taught as a Professor and researcher in different National Laboratories and Universities of United States, France and Russia. He wrote 8 monograph books and more than thousand scientific papers, organized and chaired several major international plasma conferences. Dr. Fridman received numerous awards, including International Plasma Medicine Award, Stanley Kaplan Distinguished Professorship in Chemical Kinetics and Energy Systems, George Soros Distinguished Professorship in Physics, Chernobyl Nuclear Accident Medal, Dupont award, University of Illinois and Drexel University Research awards, Kurchatov Medal for Scientific Achievements in Nuclear and Plasma Sciences. Together with the Nobel Prize laureate N.G. Basov, he received the State Price of the USSR for discovery of selective stimulation of chemical processes in non-thermal plasma. In 2019, Dr. Fridman received Reactive Plasma Award, and Plasma Chemistry Award.