

Martin Blank

Professor Martin Blank has done research in biophysics of membranes and biopolymers for over 40 years in the Department of Physiology and Cellular Biophysics at Columbia University. His recent studies have been on effects of electromagnetic fields on stress protein synthesis and on the function of ion and electron transport enzymes. He has organized many meetings, including the first Gordon Research Conference on Bioelectrochemistry, and has had many leadership roles in interdisciplinary biophysical sciences, including terms as Chairman of the Organic and Biological Division of the Electrochemical Society, President of the Bioelectrochemical Society, and President of the Bioelectromagnetics Society. He has also served on editorial boards of several journals, including Journal of the Electrochemical Society (Divisional Editor for Biology) and Bioelectrochemistry and Bioenergetics (North American Editor). Professor Blank's publications include over 200 papers and reviews, as well as twelve edited books on electrical properties of biological systems, including the Proceedings of the First World Congress on "Electricity and Magnetism in Biology and Medicine" and Advances in Chemistry, volume 250, on "Electromagnetic Fields: Biological Interactions and Mechanisms".