

Biography



Prof. Jorge Kalil, MD, Ph.d, FRCP, Dr. h.c.
Professor of Clinical Immunology and Allergy,
Past President of IUIS - International Union of Immunological Societies,
Brazil.

Jorge Kalil M.D., Ph.D., is Professor and Head of the Clinical Immunology and Allergy Department at the School of Medicine, University of São Paulo. He is the coordinator of III - the National Institute of Science and Technology. Dr. Kalil received his Doctor of Sciences degree while working at the laboratory of Jean Dausset, who was awarded a Nobel prize for the discovery of HLA, in Paris. Kalil spent a sabbatical year as a Visiting Professor and Co-Director of the HLA laboratory, Department of Pathology, at the Stanford School of Medicine and he was an International Scholar at the Howard Hughes Medical Institute. His academic production registers more than 600 entries indexed by the Web of Science and more than 7,000 quotations. He is the holder of several patents. He was director of the Butantan Institute and President of IUIS – International Union of Immunological Societies. He studies the mechanisms of immune recognition and distinction of self and non self. He contributed to the understanding of T-cell allorecognition. He was a pioneer in the rethinking of antibodies and graft rejection and dysfunction, and also described the mechanism of how microbes induce breakage of tolerance to self, leading to autoimmune diseases in humans. He is currently developing vaccines against Streptococcus, HIV, Dengue and Zika in advanced scientific stage.