

**500
Greatest
Geniuses
Of the
21st
Century**

American Biographical Institute

Lóránd Bertók



Born on 16 July 1934 in Debrecen, Hungary, Lóránd Bertók earned a D.V.M. degree in 1957 from the University of Veterinary Medicine in Budapest, Hungary. He then earned a Ph.D. in immunology in 1965 and a D.Sc. in medicine in 1984 from the Hungárián Academy of Sciences. He is an academician of the Catholic Academy of Sciences in Washington, DC, U.S.A. He serves as a scientific councillor of the Frederic Joliot Curie National Research Institute of Radiobiology and Radiohygiene in Budapest. Currently, he serves as an Honorary Professor at Semmelweis Medical University, department of microbiology, and a scientific advisor of Rector Magnificus, Budapest, Hungary. He was co-worker of Hans Selye in Montreal, Canada.

Prof. Dr. Bertók discovered with co-worker the lipase activity of leptospire, and demonstrated the correlation between protein metabolism and

immunity (antibody production), alteration possibility of species specific resistance of macro-organisms. He discovered the role of deficiency of bile acids in the absorption (translocation) of bacterial (intestinal) endotoxin and so-called the physico-chemical defense of the body. He demonstrated the role of bile acids (end product of cholesterol metabolism) in various patho-logical processes (e.g., intestinal syndrome of radiation disease, surgical shock, hormonal disorders, psoriasis, etc.) He prepared a new, radio-detoxified endotoxin products, which can protect the endotoxin and various shocks forms (e.g., endotoxin, surgical, radiation, etc). He demonstrated lot of the immunological (e.g., natural immunity increasing, endotoxin tolerance, immunadjuvant, etc.) and in clinical trials, the beneficial effects of this preparation.

Prof. Dr. Bertók has organized several international conferences, symposiums and workshops. He has authored more than 250 papers, over 200 abstracts, several book chapters and books including *Natural Immunity* (Elsevier, Amsterdam-New York, 2005). Prof. Dr. Bertók has over 950 citations. His former students became the leaders of Hungárián medical science. He is owner of 6 arjnounced patents. His professional efforts have led to elect membership of the board to several biomedical organizations.

Prof. Dr. Bertók has received numerous awards and honors, including the Széchenyi Award (high-est Hungárián scientific award) in 2002 and a Medál from the President of the Hungárián Republic (2005).

He is a founder and Honorary President of the endurance ride section of the Hungárián Equestrian Federation. He is the Hungárián Champion of Endurance Ride in 1993, owner of the Széchenyi Equestrian Medál in 1996. He is listed in numerous biographical reference books.

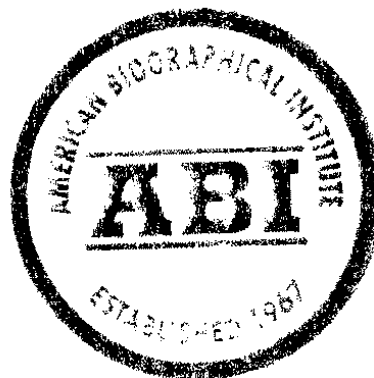
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