



CURRICULUM VITAE

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EXPERIENCE:

- 1995- present: Professor of the Department of Immunology and Biotechnology, University Medical School of Pécs, Hungary
- 1991- 2013: Chairman of the Department of Immunology and Biotechnology, University Medical School of Pécs, Hungary
- 1989 - 1991: Senior Research Scientist, Department of Biochemistry, University of Texas, Southwestern Medical Center at Dallas, (USA)
- 1973 - 1989: Postdoctoral Fellow, Assistant Professor and Associate Professor in the Department of Pathology, University Medical School of Pécs.
- 2006 – 2010: Dean of the Faculty of Medicine, University of Pécs

PUBLICATIONS: Published more than 125 original papers, 38 citable abstracts, 9 book chapters, and delivered 225 lectures in international and major domestic congresses. Cumulative impact factor is more than 200, independent citations are more than 1.000. (See details in PubMed and MTMT data bases.)

MEMBERSHIPS:

- * Hungarian Society for Immunology (Secretary General between 1995-1998);
- * International Union of Immunological Societies (member of the Education Committee since 1993)
- * European Federation of Immunological Societies
- * Committee for Immunology of the Hungarian Academy of Sciences;
- * European Commission, EU 5th, EU 6th, EU7th, and H2020 Framework Programs (acting as independent expert since 1999).

FIELDS OF INTEREST:

- * Naturally occurring (auto)antibodies
- * Basic mechanisms of physiologic and pathologic autoimmunity and their role in development of autoimmune diseases);
- * Immunopathology (molecular aspects of autoimmunity);
- * Basic immunology (evolution of the immune system, interactions between immunoglobulins and other biologically active proteins and peptides; molecular mechanism of the immunological recognition of evolutionary conserved biological structures);
- * Animal models of immunological diseases
- * Immunological methods (new technologies and microarrays for research and development);
- * General aspects of cellular and molecular biology (molecular metabolism and transport, histology and histochemistry).

R&D ACTIVITY:

- * Development more than 200 hybridoma cell lines for research and laboratory diagnostic use
- * Development of new diagnostic and therapeutic applications of monoclonal antibody based biotechnological procedures
- * 5 international and 8 Hungarian patents from the practical applications of different immunological methods
- * Establishment of the Pannonia Research Park Ltd. for commercialization of new biotechnological products and services
- * President of the Steering Committee for the Regional Innovation Strategy (RIS) program of the South Transdanubian Region (2000 – 2004)
- * President of the Health Industry Innovation Center of Pécs Stock Company

TEACHING EXPERIENCES:

- * More than 40 years' experience on university teaching (both in Hungarian, English and German languages)
- * Elaboration of thematic and introduction of the "Basic Immunology" subject (56 hours, one semester) in the University Medical School of Pécs, and in the Faculty of Natural Sciences. (Subject leader since 1991);
- * Invited lecturer of immunology on the Jozsef Attila University, Szeged, Faculty of Natural Sciences (1994-1995);
- * Participation in establishment of the Medical Biotechnology Master Program in the University of Pécs
- * Ph.D. program leader (19 successfully defended theses since 1993, 3 fellows at present)

EDUCATION:

- 1994: Med.Habil., University Medical School of Pécs, Hungary.
- 1987: Ph.D. (Candidate of Medical Sciences and Immunology of the Hungarian Academy of Sciences, Budapest).
- 1979-1980: UNESCO-UNDP training course in immunopathology and immunogenetics (Hungarian Academy of Sciences, Biological Research Center at Szeged).
- 1973-1976: Residency and specialty certification from pathology and histopathology (University Medical School of Pécs).
- 1973: M.D. (University Medical School of Pécs).
- 1966: European Baccalaureate (Nagy Lajos Gimnázium, Szombathely, Hungary).

PERSONAL: Born in Szombathely at January 29, 1948; Hungarian Citizen;
Married with Prof. Timea Berki, M.D., PhD;
Three children (Borbala 1968, David 1988, Kinga 1993)