

András Perczel

András Perczel (born May 10, 1959, in Budapest) is a Széchenyi Prize-winning chemist, professor at Eötvös Loránd University, and a member of the Hungarian Academy of Sciences, Academia Europaea, and the Saint Stephen Academy of Sciences. His field is organic and biomolecular chemistry, with a particular focus on the experimental and theoretical study of the structure, dynamics, and function of proteins and peptides.



He obtained his degree in chemistry from ELTE in 1985, earned his PhD in 1989, his Candidate of Sciences degree in 1992, and his Doctor of the Hungarian Academy of Sciences (DSc) in 1998, followed by habilitation in 1999. Significant phases of his scientific career were spent at international research institutions, including in Boston, at the University of Toronto, the University of Oxford, and Osaka University. Since 2001, he has been a full professor at ELTE, and between 2007 and 2022 he served as head of the Department of Organic Chemistry. He currently leads the HUN-REN-ELTE Protein Modeling Research Group and the ELTE Laboratory of Structural Chemistry and Biology.

His work focuses on understanding the three-dimensional structure, internal motion, and folding of biomolecules, with particular emphasis on the molecular basis of protein function. He has achieved significant results in the spectroscopic investigation of peptide and protein structures, in the methodological development of conformational analysis, and in establishing bio-NMR spectroscopy. His research also extends to proteins involved in cancer processes, the molecular background of type 2 diabetes, and neurodegenerative diseases such as Alzheimer's disease and amyloidosis, as well as functional amyloids. His work contributes to the development of rational drug design strategies based on molecular-level understanding.

He is the author or co-author of more than 300 scientific publications, which have received thousands of citations (with an h-index of approximately 50). He plays an active role in both national and international scientific communities: since 2020, he has been the president of the Chemical Sciences Division of the Hungarian Academy of Sciences, and he serves as a leader or member of numerous professional organizations and scientific programs. Alongside his scientific and teaching activities, he places strong emphasis on mentoring young researchers and promoting the societal role of science.

His wife is Dr. Dóra Perczel-Forintos, a university professor, clinical psychologist, and psychotherapist. He is the father of three children and the grandfather of six grandchildren.