

## **Tamás Bíró**

### ***Affiliations***

1. Director General, Hungarian Center of Excellence for Molecular Medicine, Szeged, Hungary
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### ***Short Bio***

Tamás Bíró MD, PhD, DSc is the Director General of Hungarian Centre of Excellence for Molecular Medicine (HCEMM) in Szeged, Hungary; HCEMM is part of the EMBL Partnership program. He is also a Full Professor at the Department of Immunology and the Head of the DE-MTA "Momentum" Cellular Physiology Group of the Hungarian Academy of Sciences (University of Debrecen, Hungary). In addition, he is the Director of Applied Research for Phytecs, Inc. (Los Angeles, CA, USA).

Dr. Bíró studied general medicine at University of Debrecen. After receiving his MD degree, he spent two years as a Fogarty fellow at the National Cancer Institute (NIH, USA) where he gained substantial experience in molecular pharmacology and neuroscience. After receiving his PhD degree in "Physiology and Neurobiology", he worked at the Department of Physiology (University of Debrecen) for 15 years where he established and then chaired the Laboratory for Cellular and Molecular Physiology.

His current research activities chiefly focus on understanding the regulatory role of the endocannabinoid system and the closely related family of the TRP ion channels in the formation and establishment of the complex (physico-chemical, immunological, and regeneration) barrier of the human skin. Moreover, multiple projects of his Labs – in collaboration with his strategic industrial partner Phytecs, Inc. (Los Angeles, CA, USA) – aim at exploiting the potential of numerous synthetic and plant-derived molecules, targeting the endocannabinoid system and certain TRP channels, in the therapeutic management of various diseases. Dr. Bíró is the author of more than 180 *in extenso* publications in renowned international journals and has been the PI of several Hungarian, international (EU), and industrial grants and contracts.