

## SCIENTIFIC DEGREES

- 2015** habilitation (University of Szeged)
- 2013** DSc (Hungarian Academy of Sciences)
- 1996** PhD, neurobiology (University of Szeged)
- 1990** MD, medical doctor (Semmelweis University, Budapest)

## CURRENT POSITION

**2013-** scientific adviser, Institute of Biophysics, Biological Research Centre, Szeged, Hungary

## MOST IMPORTANT VISITS ABROAD

- 1994-2000** (total of 30 month) visiting scientist Zentrum Anatomie, Georg August Universität, Göttingen, Germany
- 1998-2001** (total of 30 months) Visiting scientist Institut für Molekularbiologie, Österreichische Akademie der Wissenschaften, Salzburg, Austria

## RESEARCH INTEREST

Function of the neurovascular unit and the blood-brain barrier under physiological and pathological conditions

## SCIENTOMETRICS

In extenso publications in peer reviewed journals: 105  
Cumulative impact factor: 391.1  
Citations: 5652  
Book chapters: 6  
Hirsch index: 41

## HONORS AND AWARDS

- 1997** Academy Award for Young Scientists, Hungarian Academy of Sciences
- 1999** Kisfaludy Lajos Foundation Award
- 2000** János Bolyai Research Award, Hungarian Academy of Sciences
- 2004** János Bolyai certificate of merit, Hungarian Academy of Sciences
- 2006** Tibor Wieser Award, Alma Mater Foundation, Arad, Romania
- 2011** Maya and Nicolae Siminoescu Award for Excellence in Cell Biology, Romanian Society for Cell Biology
- 2016** Dr. Tibor Farkas Award for mentoring Ph.D. students, University of Szeged, József Sófi Foundation for Talents in Szeged
- 2017** Dr. Tibor Farkas Award for mentoring Ph.D. students, University of Szeged, József Sófi Foundation for Talents in Szeged

**2017** honorary professor, University of Szeged  
**2019** Straub Medal

## TEACHING ACTIVITY

BSc theses: 8 students  
MSc theses: 12 students  
MD theses: 2 students  
PhD theses: 11 students

## SPOKEN LANGUAGES

English, German, Romanian

## OTHER SCIENTIFIC ACTIVITIES

### MEMBERSHIPS

#### Scientific committees

**2012-2015** member, Neuroscience Study Section of the Hungarian Scientific Research Fund  
**2013-** member, Scientific Advisory Board, Institute of Life Sciences, Arad, Romania  
**2014-** member, Habilitation Committee, University of Szeged (Biology)  
**2014-** member, Doctoral Council, University of Szeged  
**2015-** member, Scientific Council, Biological Research Centre, Szeged  
**2016-** member, Doctoral Council, Vasile Goldis Western University, Arad  
**2017-** member, Neurobiology Scientific Committee, Hungarian Academy of Sciences  
**2018-** secretary, Doctoral School of Theoretical Medicine, University of Szeged  
**2018-** member, International Advisory Board, International Symposiums for Signal Transduction in the Blood-Brain Barriers  
**2019-** director, Doctoral School of Biology, Vasile Goldis Western University, Arad  
**2020-** president, Biology Section, Szeged Branch of the Hungarian Academy of Sciences  
**2021-** member, Habilitation Committee, University of Szeged  
**2022-** member, Faculty Council, Medical School, University of Szeged  
**2022-** member, General Assembly and Section of Biological Sciences, Hungarian Academy of Sciences

#### Editorial boards

**2001-2009** editorial board member, Biological Procedures Online  
**2012-** editorial board member, Acta Neurobiologiae Experimentalis  
**2013-** editorial board member, Tissue Barriers  
**2021-** editorial board member, Frontiers in Aging Neurosciences

#### Scientific societies

**1994-** member, Hungarian Neuroscience Society  
**1994-** member, International Brain Research Organization  
**2008-** member, International Brain Barriers Society  
**2017-** member, Hungarian Biophysical Society

#### OTHER

**2003** Scientific organizer, 6th Symposium on Signal Transduction in the Blood-Brain Barrier, September 18-21, 2003, Szeged, Hungary

**2009** Member of the scientific committee and symposium organizer, 8th Cerebral Vascular Biology Conference, June 28 - July 2, 2009, Sendai, Japan

**2011** Scientific organizer, 41st Membrane Transport Conference, May 17-21, 2011, Sümeg, Hungary

**2013** Scientific organizer, 16th International Symposium on Signal Transduction in the Blood-Brain Barriers, September 12-14, 2013, Sümeg, Hungary

**2017** Member of scientific organizing committee (secretary), 16th Congress of the Hungarian Biophysics Society, August 22-25, 2017, Szeged, Hungary


**2018** Scientific organizer, 21st International Symposium on Signal Transduction at the Blood-Brain Barriers, September, 2018, Arad, Romania

**2019** Section Organizer, 17th Congress of the Hungarian Biophysics Society, August 22-25, 2017, Szeged, Hungary

**2021** Co-organizer, Virtual Symposium "Signal Transduction at the Blood-Brain Barriers", September 22-24, 2021

**2023** Co-organizer, 25th Symposium "Signal Transduction at the Blood-Brain Barriers", September 18, 2023, Uppsala, Sweden

## CONTACT

 Temesvári krt. 62.  
Szeged, Hungary  
6726



+36 (62) 599794



krizbai.istvan@brc.hu