

Curriculum Vitae

Dr. Tamás A. Martinek (25. 06. 1973.) MSc in Chemistry, honours degree (1996); Postgraduate education in economics (2001); PhD, summa cum laude (2001), DSc (2014)

Languages

English, fluent
German, basic

Jobs, experience

- 1998-1999 Technical supervisor assistant, Petrolterv Ltd., LTEX process investment, MOL Algyő, Hungary
2000 Assistant lecturer at the University of Szeged, Institute of Pharmaceutical Chemistry
2003-2004 Head of the R&D Project Office, University of Szeged
2004-2008 Lecturer, University of Szeged, Institute of Pharmaceutical Chemistry
2008-2014 Associate professor, University of Szeged, Institute of Pharmaceutical Chemistry
2014-2018 Professor, University of Szeged, Institute of Pharmaceutical Analysis
2014-2018 Vice-rector for public relations, University of Szeged
2018-2019 Director, Interdisciplinary Excellence Centre, University of Szeged
2019- Professor, head of department, University of Szeged, Albert Szent-Györgyi School of Medicine, Department of Medical Chemistry
2021- Scientific supervisor of the National Academy of Scientist Education (University of Szeged)

Teaching activity

- 1997-2002 Qualitative inorganic analysis (lab practice), undergraduate course, University of Szeged, Faculty of Pharmacy
2002-2014 Qualitative inorganic analysis (lecture), undergraduate course, University of Szeged, Faculty of Pharmacy
2001-2014 Drug development – Introduction to the computer aided drug-design (lecture), undergraduate course, University of Szeged, Faculty of Pharmacy
2018- Medical Chemistry, University of Szeged, Faculty of Medicine

Postgraduate teaching and supervisory activity

PhD students supervised: 8 graduated and 4 current; graduated undergraduate student researchers (TDK): 15 (all awarded on local/national undergraduate student researcher conferences); current undergraduate student researchers: 2

Research activity

Protein-ligand interactions, antimicrobial foldamers, cell delivery of protein therapeutics, systems chemistry, origin of life, peptidic foldamers

Publications: **98** (including a book chapter), cumulated impact factor: **407.751**; independent citations: **3467**, Hirsch-index: **34** (MTMT, as of 15/04/2024).

Project leaderships

HUN-REN Biomimetic Systems research group 25 MHUF/y, 2022 – 2027

NKFIH OTKA- K 13475 Molecular recognition and self organization in biomimetic systems: antibiotics and cell penetration, 47 MHUF, 2020-2024

H2020 TEAMING HCEMM-MOLMEDEX - Creating the Hungarian Centre of Excellence for Molecular Medicine, member of the project development and steering committees, 14 MEUR, 2015-2018

GINOP 2.3.2 Evolutionary optimized antimicrobial foldamers: from building blocks to systems biology 860 million HUF, 2016-2020

MTA Lendület programme LP-009/2011, Peptide foldamers: structure and applications; 212 million HUF, 2011-2016

COST Action CM0803, Functional peptidomimetic foldamers: from unnatural amino acids to self-assembling nanomaterials 2009-2012, MC member, coordinator

OTKA NF69316; From the beta-Amino Acid Toolkit to Biomimicking Foldamers and Bioactive Building Blocks; 45 million HUF, 2007-2009

OTKA F038320; Structural investigations of beta-amino acid containing foldamers; 3.6 million HUF, 2002-2005

Roles in organizations

Peptide Working Committee of the Hungarian Academy of Sciences – chair

European Peptide Society, Scientific Affairs Sub-Committee - member

Awards

1995 XXII. Undergraduate researcher conference in Debrecen, Hungary, 1st prize; 1995 József Attila University Faculty of Science outstanding student award; 2000 Soros Foundation scholarship; 2001 György Békésy scholarship; 2001 Márton Kajtár award; 2002 Lajos Kisfaludy award (Richter Gedeon Plc.); 2004-2006 János Bolyai scholarship of the Hungarian Academy of Sciences; 2005 Kajtár Márton award (post doc category); 2006 Kisfaludy Lajos award (Richter Gedeon Plc., post doc category); 2008-2010 János Bolyai scholarship of the Hungarian Academy of Sciences; 2013 George Olah award; 2018 Hungarian Order of Merit – Officer's Cross; 2023 National Council for Undergraduate Research "Master teacher" Gold Medal.

Szeged, 15/04/2024

Dr. Tamás A. Martinek