

Curriculum vitae :

Beáta G. Vértessy, PhD, DSc

Member of Hungarian Academy of Sciences and Academia Europaea

www.biostruct.org

Publication activities: over 200 peer-reviewed articles in international peer-reviewed scientific journals (in English, cf PubMed, ResearchGate, Google Scholar). Two patents, six patent applications, >50 invited talks at international conferences. Major publications in Nature Cancer, eLife, Plos Genetics, Nucleic Acids Research, PNAS, JBC, Angewandte Chemie, JACS, Accounts Chemical Research

H-index: 46, Citations: > 18,000

Google Scholar : <https://scholar.google.com/citations?user=QJodMrMAAAAJ>

26 students obtained PhD degrees under her supervision - her students and alumni received numerous distinctive awards (prizes for student research TDK, OTDK, Pro Scientia, NIH-Fogarty, L'Oréal-UNESCO, EMBO postdoc, EMBO Installation Grant, ERC Consolidator).

Current areas of research: enzymology, cancer research, DNA repair, cell death pathways, cell biology, molecular and structural biology,

Education and Degrees

DSc, 2001, Hungarian Academy of Sciences, Budapest, Hungary

PostDoc fellowships: Alexander von Humboldt, 1993-94, Germany, 1991, USA

PhD, 1991, Eötvös Loránd University, Budapest, Hungary

MSc, 1987 Department of Biochemistry and Molecular Biology, University of Chicago, USA

Postdoctoral studies and long-term research stays:

1993-1994 Alexander von Humboldt postdoctoral fellowship. Dept. Biochemistry, University of Saarland, Germany

1994 Department of Biochemistry and Molecular Biology, Stockholm University, Sweden

1995 Department of Biochemistry, University of Lund, Sweden

1999 Department of Biochemistry and Molecular Biology, University of Chicago, USA

Affiliation:

Research Professor, Group Leader, Inst. Molecular Life Sciences (formerly Ins. Enzymology), HUN-REN Research Centre for Natural Sciences

Professor, Budapest University of Technology and Economics

Major Awards:

Alexander von Humboldt postdoctoral fellowship, 1993

Qualitas Biologica, 1. prize, Biol. Res. Ctr, Hung. Acad. Sci. 1997

Bolyai Research fellowship, Hung. Acad. Sci, 1998-2001

Scientia Europaea Award (Institute de France and Aventis), 2000
Howard Hughes International Research Scholar (Howard Hughes Medical Institutes, USA):
2001–2005 and 2006-2010
Qualitas Biologica, 1. prize, Biol. Res. Ctr, Hung. Acad. Sci. 2004
Wellcome Award (instrumental), 2007
UNESCO-L'Oréal Award, 2012
Mestertanár Aranyérem OTDT, 2015
Tankó Béla award, Hung. Biochem. Soc., 2016
Member of Academia Europaea, 2021
Corr. Member of Hungarian Academy of Sciences, 2022
Hungarian Order of Merit Officer's Cross civilian section, 2023
FEBS Diplôme d'Honneur, 2024

Participation in Scientific Bodies (selected):

Hungarian Biochemical Association: member from 1994, deputy secretary 2006-2010, general secretary from 2010
Hungarian Humboldt Association: member from 1994, deputy secretary from 1997
American Association for the Advancement of Science (AAAS), member from 2001
Doctoral Committee of Budapest University of Technology and Economics, member from 2005
Federation of European Biochemical Societies, Advanced Course Committee, elected member 2006-2010,
Federation of European Biochemical Societies, Advanced Course Committee, Elected Chair 2014-2023
Hungarian Scientific Research Fund (OTKA), member of scientific review juries from 2005
Elected member for General Assembly of the Hungarian Academy of Sciences 2007 - 2013
Chair of the US-Hungarian Fulbright Board (elected position), 2012-2018
Chair of Life Sciences Section, Momentum Jury, 2023-

Principal Investigator, (selected major grants only)

OTKA K 68229 2007-2011
OTKA NK 84008 2011-2015
OTKA CK 78646 2009-2012
OTKA K 119493 2017-2021
OTKA K 135231 2020-2023
OTKA K 146890 2024-2027
(OTKA stands for the Hungarian Scientific Research Fund, www.otka.hu)
Howard Hughes Medical Institutes 2001-2005
Howard Hughes Medical Institutes 2006-2010 (renewal)
(the only female HHMI International Scholar in Hungary during these two terms)
EU FP6-2003 Lifesci-Health srIN-SILICO N° 012127 2005-2007
EU FP6 Lifesci-Health SPINE2-Complexes LSHG-CT-2006-031220 2006-2009

(<http://www.spine2.eu/partners/index.php>)

EU FP7-INFRASTRUCTURES-2011-1 N° 283570 BioStruct-X 2011-2015

ICGEB HUN Vertessy 2015-2018, 2024-2027