



Antal Kiss

professor emeritus, group leader
Institute of Biochemistry
Biological Research Center Szeged



SCIENTIFIC DEGREES

- 1997.** Doctor of Biological Science, molecular biology, (Hungarian Academy of Sciences, Budapest)
1988. Candidate of Biological Science (equivalent to PhD), molecular biology (National Committee of Scientific Qualification)

PUBLICATION PARAMETERS

In extenso publications:	54
Cumulative IF:	241.76
Citations:	1842/2254
Book chapters:	2
University lecture notes:	0
Hirsch index:	22

CURRENT POSITIONS

2016– professor emeritus, *Biological Research Center, Institute of Biochemistry, Szeged, Hungary*

EXTERNAL WORKPLACES

- 1983–1986.** (38 months), visiting scientist, *Cold Spring Harbor Laboratory, Cold Spring Harbor, NY, USA*
1977–1979. (7 months), visiting scientist, *Institute of Molecular Biology I, University of Zurich, Zurich, Switzerland*

NOTABLE INTERNATIONAL RESEARCH GRANTS

- 2015–2018.** H2020-MSCA-ITN-2014-ETN (642691), “Epigenetic regulation of endocrine therapy resistance in breast cancer: A systems medicine approach to predict treatment outcome, (EpiPredict)”, consortium partner, principal investigator, 191,845 EUR
2013–2017. ERA Chemistry (managed by OTKA as NN109787), “New approaches for oligonucleotide-targeted enzymatic DNA methylation”, partner, principal investigator, 27,290,000 HUF
2005–2007. EU Sixth Framework Programme, Co-operative Research Project (EU FP6 COOP-CT-2005-017984), “Intracellular methyltransferase delivery as therapeutic tool for carcinoma specific regulation of gene expression (ImeDGen)”, consortium partner, principal investigator, 189,000 EUR
2002–2005. EU Fifth Framework Programme (QLK3-CT-2001-00448), “Development of highly specific enzymes for genome manipulation (EnGeM)”, consortium partner, principal investigator, 180,000 EUR
1995–2000. Howard Hughes Medical Institute International Research Scholar Grant (75195-542101), principal investigator
1998–1999. EU Fourth Framework Programme (BIO4-CT98-0328), “Restriction endonucleases and DNA methyltransferases: structures, interactions with DNA and engineering novel functions”, associated consortium partner, principal investigator, 40,000 EUR
1991–1993. US – Hungarian Science & Technology Joint Fund (JFNo.116), “Type II restriction endonucleases and modification methyltransferases”, principal investigator, 9200 USD

NOTABLE NATIONAL RESEARCH GRANTS

- 2021–2023** ELKH Research Grant (SA-110/2021) „Targeted DNA methylation with the use of chemically modified oligonucleotides”, principal investigator, 15,000,000 HUF

- 2011–2014.** OTKA Research Grant (K83983), “Targeted DNA methylation: new approaches to increase the number of targetable sites and targeting specificity”, principal investigator, 24,180,000 HUF
- 2006–2009.** OTKA Research Grant (NI61786), “Interactions of metal ions with macromolecular bioligands”, investigator
- 2002–2005.** OTKA Research Grant (T38343), “Sequence-specificity of DNA(cytosine-5)methyltransferases”, principal investigator, 12,164,000 HUF
- 1999–2001.** OTKA Research Grant (T029868), “Sequence-specific DNA recognition by Type II restriction endonucleases and modification methyltransferases”, principal investigator, 6,300,000 HUF
- 1995–1997.** OTKA Research Grant (T016402), “Sequence-specific DNA recognition by Type II restriction endonucleases and modification methyltransferases”, principal investigator, 6,900,000 HUF
- 1991–1994.** OTKA Research Grant (894), “Analysis of the molecular basis of sequence-specific DNA-protein interactions”, investigator

NOTABLE INFRASTRUCTURE DEVELOPMENT GRANTS

- 2001.** OTKA Equipment Development Grant (M36403), “Purchasing of an ÄKTA FPLC chromatographic system with five columns”, principal investigator, 6,600,000 HUF

AWARDS AND DECORATIONS

- 2016.** Honorary Professor (University of Szeged)
- 2012.** Straub Plaque (Biological Research Center, Szeged)
- 1995-2000.** Howard Hughes International Research Scholar
- 1981.** Academy Prize (Hungarian Academy of Sciences)
- 1979.** Szörényi Prize (Hungarian Biochemical Society)
- 1974.** Wessprémi Prize (Medical School of Debrecen)

EDUCATIONAL ACTIVITIES

- B.Sc. supervision:** 3 supervisions
- M.Sc. supervision:** 8 supervisions
- M.D. supervision:** 1 supervision
- Ph.D. supervision:** 11 supervisions

LANGUAGE EXAMS

- 1976.** English, advanced level
- 1973.** German, advanced level

MISCELLANEOUS ACTIVITIES

- 2015-2017.** Member of the Molecular Biology - Molecular Interactions Review Panel, National Research, Development and Innovation Office (NKFIH)
- 2005-2008.** Member of the Infraindividual Biology Review Panel, National Science Fund (OTKA)
- 2002–2011** Member of the Committee of Biochemistry and Molecular Biology of the Hungarian Academy of Sciences



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