



Miklós Erdélyi

Group leader
Institute of Genetics
Biological Research Centre Szeged



SCIENTIFIC DEGREES

- 1993. Dr.univ. (JATE)
- 2013. DSc (MTA)

CURRENT POSITION

2000- Group leader, Biological Research Centre, Szeged

EXTERNAL WORKPLACES

1994-1996. 24 months, postdoctoral fellow, EMBL Heidelberg, Germany

NOTABLE INTERNATIONAL RESEARCH GRANTS

- 1994-1996. EMBO long term fellowship, postdoctoral fellow
- 1997-2000. H.F.S.P.O. consortium member, „RNA localization during Drosophila oogenesis”, 132.000 USD
- 2006-2010. International Research Scholar, (5005606) Howard Hughes Medical Institute, PI, “Identification of germ plasm specific Drosophila RNAs by microarray technique and expression analysis of their homologues in mouse embryonic germ cells”, 500.000 USD

NOTABLE NATIONAL RESEARCH GRANTS

- 1996-1999, OTKA F019869, PI, „The role of the cytoskeleton in RNA localization”, 889.000 Ft
- 1997-2000, OTKA T022096, PI, „Identification of germ line factors in Drosophila melanogaster”, 1.500.000 Ft
- 1997-2000, OTKA D25521, PI, „Identification of germ line factors in Drosophila melanogaster”, 5.586.000 Ft
- 2005-2007, OTKA T048393, PI, „Identification of germ plasm specific RNAs by DNA microarray method in Drosophila”, 14.400.000 Ft
- 2015-2019, OTKA K117010 PI, „Development and function of the ovarian stem cell niche in Drosophila”, 44.000.000 Ft
- 2016-2019, OTKA K116038A, consortium member, PI, „Crosstalk among pathways for prevention, repair tolerance and potential signalling of uracil-DNA from bacteria to Drosophila to human”, 32.000.000 Ft
- 2019-2023, OTKA K132384, PI, “The role of heterochromatin formation in piRNA-Piwi transposon silencing; molecular characterization of a new player, the Drosophila small ovary protein”, 48.000.000 Ft

NOTABLE INFRASTRUCTURE DEVELOPMENT GRANTS

2001-2002 OMFB,00436/2001 OM, „Development and application of Drosophila cDNA microarray”, 3.840.000 Ft

NATIONAL INDUSTRIAL COOPERATION GRANT

2002-2003. AVENTIS–BAYER, PI, „Isolation and basic genetic analysis of dominant EMS-induced mutant Drosophila lines selected by their resistance to Compound 1.”, 69.001 EUR

2005-2009, NKTH OM-00234, Consortium member, „Xenobiotic Transporter Technological Platform for Therapeutic and Toxicological Applications”, 62.127.000 eFt

AWARDS AND DECORATIONS

1999-2002. Széchenyi Professor Scholarship

EDUCATIONAL ACTIVITIES

Ph.D. supervisions:

2002. Sinka Rita, SzTE-BDI

2002. Jankovics Ferenc, , SzTE-BDI

2006. Szuperák Milán, , SzTE-BDI

2014. Henn László, , SzTE-BDI

2016. Bujna Ágnes, , SzTE-BDI

LANGUAGE EXAMS

1993. English intermediate level

1993. Russian basic level

MISCELLANEOUS ACTIVITIES

2002-2009. Chairman of the Genetics Committee of the Szeged Regional Committee (SZAB), Hungarian Academy of Sciences

2007- 2013. Doctoral Representative of the General Assembly of the Hungarian Academy of Sciences in two cycles

2008-2010. Member of the OTKA Publications Committee

2008-2012. Members of the HAS AKT Life Sciences Board

2009-2017. Chairman of the Hungarian Genetical Society (MAGE)

2010-2014. Membership of the Life Sciences Expert Committee of the János Bolyai Research Fellowship

2011-2014. Co-Chair of the Committee on Molecular Biology, Genetics and Cell Biology, HAS

2014-2017. Member of the Advisory Board of the Agricultural Biotechnology Institute, National Agricultural Research and Innovation Centre

2014-2017. Co-Chair of the Committee on Molecular Biology, Genetics and Cell Biology, HAS

2014-Member of Bolyai János Research Fellowship Board No.VIII

2014-Core member of the Doctoral School of Biology of the University of Szeged

2018-Member of the Supervisory Board of HCEMM

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