CURRICULUM VITAE

NAME	Arpad Palfi MSc, PhD
BORN	December 16, 1971
ADDRESS	Ocular Genetics Unit, Department of Genetics, Trinity College Dublin, Dublin 2, Ireland
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EDUCATION

PhD (2000)	Molecular neurobiology (No. TTK-27/2000), University of Szeged, Hungary. Title: A comparative study of calmodulin gene expression under physiological and experimental conditions in the rat brain
MSc (1995)	Molecular biology and biotechnology (No. 300/1995), Faculty of Science, Jozsef Attila University (University of Szeged)

POSITIONS

2004-	Consultant, Genable Technologies Ltd., Dublin, Ireland
2003-	Postdoctoral Fellow, Department of Genetics, Ocular Genetics Unit, Trinity College Dublin
2000-2003	EU Postdoctoral Fellowship (E12150), Department of Genetics, Ocular Genetics Unit, Trinity College Dublin
1995-2002	Associate Lecturer, Department of Zoology and Cell Biology, Faculty of Science, Jozsef Attila University/University of Szeged, Hungary

GRANTS

2006-2009	HRB Ireland General Research Project Grant RP/2006/13: €281,171.6
2006	HRB Ireland Additional Equipment for General Project Grant RP/2006/131: €32,521.0

PUBLICATION OVERVIEW

Total number of publications: 52
Internationally peer-reviewed articles: 28 (12 with first authorship or own grant support)
Cumulative impact factor: 108.3
Sum of citations: 338 (average citation per article: 9.39)
h-index: 11
Provisional US patent application: Genetic Suppression and Replacement; T0595.70000US00
(Citation metrics from Thomson Reuters, ISI Web of Knowledge, 21/09/2009)

CURRENT PROJECTS

1. Mutation independent suppression and replacement strategy for dominant retinitis pigmentosa
2. MicroRNA (miR) regulation in retinitis pigmentosa mouse models

TEN RECENT PUBLICATIONS

1. Naomi Chadderton, Sophia Millington-Ward, Arpad Palfi, Mary O'Reilly, Gearóid Tuohy, Marian M Humphries, Tiansen Li, Peter Humphries, Paul F Kenna, and G Jane Farrar. Improved Retinal Function in a Mouse Model of Dominant Retinitis Pigmentosa Following AAV-delivered Gene Therapy. Mol Ther. 2009 Apr;17(4):593-9. Epub 2009 Jan 27. PMID: 19174761
2. Loscher CJ, Hokamp K, Wilson JH, Li T, Humphries P, Farrar GJ, Palfi A. A common microRNA signature in mouse models of retinal degeneration. Exp Eye Res. 2008 Dec;87(6):529-34. Epub 2008 Sep 13. PMID: 1883487 **(PI in Grant)**
3. Tam LC, Kiang AS, Kennan A, Kenna PF, Chadderton N, Ader M, Palfi A, Aherne A, Campbell M, Reynolds A, McKee A, Humphries MM, Farrar J, Humphries P. Therapeutic benefit derived from RNAi-mediated ablation of IMPDH1 transcripts in a murine model of autosomal dominant retinitis pigmentosa (RP10). Hum Mol Genet. 2008 Apr 4. PMID: 18385099
4. Carol Loscher, Karsten Hokamp, Paul F. Kenna, Alasdair C. Ivens, Peter Humphries, Arpad Palfi and G. Jane Farrar. Altered retinal microRNA expression profile in mouse model of retinitis pigmentosa. Genome Biol. 2007 Nov 22;8(11):R248 PMID: 18034880 **(PI in Grant)**
5. Mary O'Reilly, Sophia Millington-Ward, Arpad Palfi, Naomi Chadderton, Thérèse Cronin, Niamh McNally, Marian M. Humphries, Peter Humphries, Paul F. Kenna and G. Jane Farrar. A transgenic mouse model for gene therapy of rhodopsin-linked Retinitis Pigmentosa. Vision Res. 2007 Oct 5. PMID: 17920651
6. Research Highlights – Nature Genetics Reviews July 2007. O'Reilly M, Palfi A, Chadderton N, Millington-Ward S, Ader M, Cronin T, Tuohy T, Auricchio A, Hildinger M, Tivnan A, McNally N, Humphries MM, Kiang AS, Humphries P, Kenna PF, Farrar GJ. RNA interference-mediated suppression and replacement of human rhodopsin in vivo. Am J Hum Genet. 2007 81(1):127-35.
7. O'Reilly M, Palfi A, Chadderton N, Millington-Ward S, Ader M, Cronin T, Tuohy T, Auricchio A, Hildinger M, Tivnan A, McNally N, Humphries MM, Kiang AS, Humphries P, Kenna PF, Farrar GJ. RNA interference-mediated suppression and replacement of human rhodopsin in vivo. Am J Hum Genet. 2007 Jul;81(1):127-35. Epub 2007 May 23. PMID: 17564969 **(two first authors)**
8. Allen D, Kenna PF, Palfi A, McMahon HP, Millington-Ward S, O'Reilly M, Humphries P, Farrar GJ. Development of strategies for conditional RNA interference. J Gene Med. 2007 Apr;9(4):287-98. PMID: 17397092
9. Palfi A, Ader M, Kiang AS, Millington-Ward S, Clark G, O'Reilly M, McMahon HP, Kenna PF, Humphries PF, Farrar GJ. RNAi-based suppression and replacement of RDS-peripherin in retinal organotypic culture. Hum Mutat 2006;(3):260-268. PMID: 16419083
10. Kiang AS, Palfi A, Ader M, Kenna PF, Millington-Ward S, Clark G, Kennan A, O'reilly M, Tam LC, Aherne A, McNally N, Humphries P, Farrar GJ. Toward a gene therapy for dominant disease: validation of an RNA interference-based mutation-independent approach. Mol Ther 2005; 12(3):555-561, PMID: 15967729