

LIST OF PUBLICATIONS
PEER REVIEWED PAPERS

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M.Mink and L.Ferenczy: Restriction cleavage pattern of the mitochondrial DNA of a wild-type yeast, *S.cerevisiae*. *Acta Biochimica et Biophysica* 17, 25, 1982.

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M.Mink and L.Ferenczy: High-frequency transformation of fungal protoplasts produced by a DNase-free snail gut enzyme. *Biol.Chem. Hoppe-Seyler* 367, 184, 1986.

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M.Mink: Indication for deletion of two introns in the *oxi3* gene of a respiratory competent *Saccharomyces cerevisiae* strain. *Biochem. Genet.* 26, 503-510, 1988.

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M.Mink, H-J.Höltke, Ch.Kessler and L.Ferenczy: Preparation of an endonuclease-free protoplast forming enzyme and its application in fungal transformation. *Enz. Micr. Techn.* 12, 1-4, 1990.

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M.Mink: Isolation of a DNA sequence stimulating recombination in yeast. *Acta Microbiol. Hung.* 36(1), 61-65, 1989.

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K.Büttner, L.Ferenczy and **M.Mink**: Deletion of vector sequences in cloning of a 2m derivative plasmid of *Saccharomyces cerevisiae* RXII. *Acta Microbiol. Hung.* 35, 125, 1988.

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M.Mink, J.Stülke, K.Büttner and L.Ferenczy: Detection of a 2m derivative yeast plasmid with altered properties. *J. Basic Microbiol.* 30(7), 529-534, 1990.

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H.Hirt, **M.Mink**, M.Pfossier, L.Bögre, J.Györgyey, C. Jonak, A.Gartner, D.Dudits, and E.Heberle-Bors: Alfalfa cyclins: Differential expression during the cell cycle and in plant organs. *The Plant Cell*, 4, 1531-1538, 1992.

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L.Bögre, C.Jonak, **M.Mink**, I.Meskiene, J.Traas, D.T.Cam-Ha, I.Swoboda, Ch.Plank, E.Wagner, E.Heberle-Bors and H.Hirt: Developmental and cell-cycle regulation of alfalfa *nucMs1*, a plant homologue of the yeast *Nsr1* and mammalian nucleolin. *The Plant Cell*, 8,

417-428, 1996.

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M.Mink: Arabidopsis thaliana cDNA encoding a homologue to prokaryotic and eukaryotic ATPases. Plant Physiol. 114, 748, 1997.

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M.Mink: Faster growth and altered transcription induced by 5-azacytidine in tobacco. Botanica Helvetica, 108, 85-92, 1997.

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O.Komonyi, **M.Mink**, J.Csiha, and P.Maróy: Genomic organization of DHR38 gene in Drosophila: Presence of Alu-like repeat in a translated exon and expression during embryonic development. Arch.Insect Biochem. Physiol., 38, 185-192, 1998.

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Th.Burmester, **M.Mink**, M.Pál, Zs.Lászlóffy, J-A.Lepesant and P.Maróy: A genetic and molecular analysis in the 70CD region of the third chromosome of Drosophila melanogaster. Gene, 246, 157-167, 2000.

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Matyas Mink,^{1*} Ben Fogelgren,¹ Krzysztof Olszewski,[†] Peter Maroy,^{*} and Katalin Csiszar¹ A novel human gene (SARM) at chromosome 17q11 encodes a protein with a SAM motif and structural similarity to armadillo/ β -catenin that is conserved in mouse, Drosophila, and C. elegans. Genomics, 74, 234-244, 2001.

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Ecovoiu, A, **Mink, M**, Georgescu, L M, Graur, M, Gavrilă, L (2002) Genetic data confirm association of PlacWgammacop insertion in Drosophila melanogaster gamma-cop gene with the mutant phenotype of l(3)S057302 transgenic line. Analele Universitatii Bucuresti, Anul Li 2002, 41-48.

Molnar J., Fong KSK. Hayshi K., Kim Y., Fong SFT., Fogelgren B., Molnarne Szauter K., **Mink M.**, Csiszar K. Structural and functional diversity of lysyl oxidase (LOX) and the LOX-like proteins. BBA Protein Structure and Molecular Enzymology Section, 1647, 220-224, 2003,

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Janos Molnar, Zsuzsanna Ujfaludi, Sheri F. T. Fong, John A. Bollinger, Girma Waro, Ben Fogelgren, David M. Dooley, **Matyas Mink** and Katalin Csiszar: Drosophila lysyl oxidases Dmlox1-1 and Dmlox1-2 are differentially expressed and the active DmLOXL-1 influences gene expression and development. J. Biol. Chem, Jun 2005; 280: 22977 - 22985.

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L.Bögre, C.Jonak, **M.Mink**, I.Meskiene, J.Traas, D.T.Cam-Ha, I.Swoboda, Ch.Plank, E.Wagner, E.Heberle-Bors and H.Hirt: Nucleotide and amino acid sequence of the *Medicago sativa* NUM1 gene. European Bioinformatics Institute, 1995. EMBL accession No: X88845

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M.Mink, K.Csiszar: Nucleotide and derived amino acid sequence of the novel human SARM gene. European Bioinformatics Institute, 2000. EMBL accession No: AJ290445.

Ecovoiu,A.A., **Mink,M.** and Gavrilu,L.: *Drosophila melanogaster* gammaCop gene for gamma-coatomer protein disrupted by P-element insertion. European Bioinformatics Institute, 2002. EMBL accession No: AJ492220.

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J. Csiha, O. Komonyi, P. Maroy and **M. Mink**: *Drosophila melanogaster* Cgalphal(IV) gene disrupted by P-element insertion. EMBL accession No: AJ831378.

MEETING PROCEEDINGS*

Th.Munder, **M.Mink** and H.Küntzel: Dual control of mitosis and meiosis by the *Saccharomyces cerevisiae* Cdc25 protein. 14. IUB Congress, Prague, Poster session, MO:038, 1989

M.Pál, P.Deák, O.Komonyi, **M.Mink**, P.Zavorsky, P.Maróy: Molecular, genetic and developmental characterisation of ecdysone-binding regulatory locus of *D.melanogaster*. XIII: Ecdysone Workshop, 27-31 July 1998, Jena. Poster session, P36.

M.Pál, P.Deák, O.Komonyi, **M.Mink**, P.Zavorsky, P.Maróy: Developmental, genetic and molecular studies on a locus responsible for binding of the molting hormone in *Drosophila*. Biannual Meeting of the Hungarian Biochemical Society, 11-14 May 1998, Sárospatak. Poster Session, IE5.

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M.Pál, P.Deák, O.Komonyi, **M.Mink**, P.Maróy: The DTS-4 gene of *Drosophila* encodes a protein with a SAM domain. IV: Congress of the Hungarian Genetic Society, 11-14 April 1999, Siófok. Lecture Session E027.

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G.W.Biru, **M.Mink** and P.Maróy: Molecular and genetic dissection of the l(3)95-96DTS mutation in *Drosophila*. Congress of the Hungarian Genetic Society, 11-14 April 1999, Siófok. Poster Session P003

Fong, S.F.T., **Mink, M.**, Hinek, A., Asuncion, L., Song, J., Jourdan-Le Saux, C., Fong, K.S.K. and Csiszar, K. Functional studies of LOXL2, a new putative tumor suppressor gene, in humans and *Drosophila*. Proceedings of the American Association for Cancer Research 2000; 41: 746.

Janos Molnar, Ben Fogelgren, Sheri S.F. Fong, Aniko Ujfalusi, **Matyas Mink**, and Katalin Csiszar. The *drosophila* homologue of lysyl oxidase plays an essential role in metamorphosis. Biomedical Sciences Symposium, John A. Burns School of Medicine, University of Hawaii. April, 2000. (Undergraduate Student's Award nyertes posztere).

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Mink, M., Juhász, G., Komonyi, O. et al. Type (IV) collagen mutations induce programmed cell death in larval *Drosophila* tissues: The fly model of Alport syndrome Gordon Conference on "Cell Death", June 2002, Waterville, USA.

Mink Mátyás^{1,2}, Ujfaludi Zsuzsanna^{1,2}, Sheri F. T. Fong¹, Molnár János^{1,2}, Ben Fogelgren¹, Keith S. K. Fong¹, Ujfalusi Anikó¹, Girma Waro², Csiszár Katalin: A lizil oxidáz sejt-magban betöltött szerepe. MBKE Munkaértekezlete, Keszthely, 2002 május 14-17.

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Drosophila Lysyl Oxidases are Differentially Expressed and the Active DmLOXL-1 Influences Gene Expression and Development; *Janos Molnar, CVRC Jabsom, University of Hawaii, Honolulu, HI; Zsuzsanna Ujfaludi, University of Szeged, Szeged, Hungary; Sheri F.T. Fong, CVRC Jabsom, University of Hawaii, Honolulu, HI; John A. Bollinger, Montana State University, Bozeman, MT; Girma Waro, University of Szeged, Szeged, Hungary; Ben Fogelgren, CVRC Jabsom, University of Hawaii, Honolulu, HI; David M. Dooley, Montana State University, Bozeman, MT; **Matyas Mink**, University of Szeged, Szeged, Hungary; Katalin Csiszar, CVRC Jabsom, University of Hawaii, Honolulu, HI. ASMB Meeting Nov. 10-14, 2004, San Diego, Poster 309.

Matyas Mink¹, Orban Komonyi¹, Judit Csiba¹, Gabor Juhasz², Janos Szidonya¹, Peter Maroy¹ and Katalin Csiszar³: Dominant temperature-sensitive mutations in type IV collagen induce apoptosis and myofibrillar proteolysis in *Drosophila* *

12th Internat. Symp. on Basement Membranes, June 15-18, 2005, Thomas Jefferson University, Philadelphia, Pennsylvania, USA

*: "Lennox K. Black International Prize for Excellence in Medicine" (Jefferson University, Philadelphia) díjjal kitüntetett előadás

*Proceedings before 1998 are excluded.

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