

1. Ferenczy, L., Sipiczki, M., Szegedi, M.: Enrichment of fungal mutants by selective cell-wall lysis. *Nature* 253:46-47, 1975.
2. Sipiczki, M., Ferenczy, L.: Protoplast fusion of *Schizosaccharomyces pombe* auxotrophic mutants of identical mating-type. *Mol. Gen. Genet.* 151:77-81, 1977.
3. Sipiczki, M., Ferenczy, L.: Fusion of Rhodosporidium (*Rhodotorula*) protoplasts. *FEMS Microbiol. Lett.* 2:203-206, 1977.
4. Sipiczki, M., Ferenczy, L.: Enzymic methods for enrichment of fungal mutants I. Enrichment of *Schizosaccharomyces pombe* mutants. *Mutat. Res.* 50:163-173, 1978.
5. Sipiczki, M., Farkaš, V.: Morphogenic effect of 2-deoxy-D-arabinohexose on Rhodosporidium toruloides. *Folia Microbiol.* 24:389-395, 1979.
6. Lückemann, G., Sipiczki, M., Wolf, K.: Transmission, segregation, and recombination of mitochondrial genomes in zygote clones and protoplast fusion products of yeast. *Mol. Gen. Genet.* 177:186-188, 1979.
7. Wolf, K., Lückemann, G., Sipiczki, M.: Transmission and recombination of mitochondrial genomes in zygote clones and protoplast fusion clones in the fission yeast *Schizosaccharomyces pombe*. *Microbial Genetics Bulletin* 47:4-6, 1979.
8. Sipiczki, M.: Interspecific protoplast fusion in the fission yeasts. *Curr. Microbiol.* 3:37-40, 1979.
9. Bojnanská, A., Sipiczki, M., Ferenczy, L.: Characterization of conidiation mutants in *Trichoderma viride* by hyphal anastomosis and protoplast fusion. *Acta Microbiol. Acad. Sci. Hung.* 27:305-307, 1980.
10. Thuriaux, P., Sipiczki, M., Fantes, P.A.: Genetical analysis of a sterile mutant by protoplast fusion in the fission yeast *Schizosaccharomyces pombe*. *J. Gen. Microbiol.* 116:525-528, 1980.
11. Sipiczki, M.: Protoplast fusion in fission yeast. I. Production and fusion of protoplasts. In "UNESCO Training Course on Fungal Protoplast Fusion and its Applications, Szeged, 1981" pp. 74-75, 1981.
12. Sipiczki, M.: Protoplast fusion in fission yeast. II. Applications of protoplast fusion. In "UNESCO Training Course on Fungal Protoplast Fusion and its Applications, Szeged, 1981" pp. 76-77, 1981.
13. Sipiczki, M., Kucsera, J., Ulaszewski, S., Zsolt, J.: Hybridization studies by crossing and protoplast fusion within the genus *Schizosaccharomyces* Linder. *J. Gen. Microbiol.* 129:1989-2000, 1982.
14. Sipicky M.: Genetics of homo- and heterothallism in yeasts. *Biologické listy* 47:279-292, 1982.
15. Sipiczki, M.: Diploid protoplasts in *Schizosaccharomyces pombe*: formation, growth and regeneration. *Canadian J. Microbiol.* 29:593-595, 1983.
16. Sipiczki, M., Creanor, J., Fantes, P.: Fusion of cdc mutants: possible effect of cell cycle on the fusion of yeast protoplasts. In "Protoplasts 83. (eds. I. Potrykus, C.T. Harms, A. Hinnen, R. Hütter, P.J. King and P.D. Shillito)". Birkhäuser Verlag. Basel, Boston, Stuttgart, pp. 338-339, 1983.
17. Sipiczki, M., Kucsera, J., Dobo, E.: Homo- and heterothallic sexual types in *Schizosaccharomyces pombe* var. malidevorans. *Curr. Genet.* 9:263-272, 1984.
18. Sipiczki, M., Heyer, W.-D., Kohli, J.: Preparation and regeneration of protoplasts for fusion and transformation of *Schizosaccharomyces pombe*. *Curr. Microbiol.* 12:169-174, 1985.
19. Fargašová, A., Sipiczki, M., Betina, V.: Morphological and colour mutants of *Trichoderma viride*: characterization and complementation. *Folia Microbiol.* 30:433-442, 1985.

20. Sipiczki, M.: A modern élesztőgenetika alkalmazásának lehetőségei az iparban. *Szeszipar* 33:95-97, 1986.
21. Heyer, W.-D., Sipiczki, M., Kohli, J.: Replication plasmids in *Schizosaccharomyces pombe*: Improvement of symmetric segregation by a new element. *Mol. Cell. Biol.* 6:80-89, 1986.
22. Sipiczki, M.: Possibilities of the industrial application of modern yeast genetics. *Acta Aliment. Hung.* 16:96, 1987.
23. Sipiczki, M.: Protoplast fusion in taxonomy and evolution: Speculation and facts. In "The Expanding Realm of Yeast-like Fungi (eds. G.S. deHoog, M.T. Smith and A.C.M. Weijman)". Elsevier, Amsterdam, pp. 443-458, 1987.
24. Sipiczki, M.: The role of sterility genes (ste and aff) in the initiation of sexual development in *Schizosaccharomyces pombe*. *Mol. Gen. Genet.* 213:529-534, 1988.
25. Sipiczki, M., Bodi, Z., Zelizi, E., Miklos, I.: Selection of wine and distillery yeasts for genetic improvement. In "Biotechnology and Food Industry. (eds. J. Hollo and Torley)" Akademiai Kiado, Budapest, pp. 107-114, 1988.
26. Grallert, B., Sipiczki, M.: Initiation of the second meiotic division in *S. pombe* shares common functions with that of mitosis. *Curr. Genet.* 15:231-233, 1989.
27. Sipiczki, M.: Taxonomy and Phylogenesis. In "Molecular Biology and Morphogenesis of Fission Yeast (eds. A. Nasim, P. Young and B.F. Johnson)" Academic Press, New York, pp. 430-452, 1989.
28. Sipiczki, M., Grossenbacher-Grunder, A.-M., Bodi, Z.: Recombination and mating-type switching in a ligase-defective mutant of *Schizosaccharomyces pombe*. *Mol. Gen. Genet.* 220:307-313, 1990.
29. Grallert, B., Sipiczki, M.: Dissociation of meiotic and mitotic roles of the fission yeast cdc2 gene. *Mol. Gen. Genet.* 222:473-475, 1990.
30. Benko, Z., Sipiczki, M.: Caffeine resistance in *Schizosaccharomyces pombe*: a pleiotropic mutation affecting UV-sensitivity, fertility, and cell cycle. *Curr. Genet.* 18:47-52, 1990.
31. Grallert, B., Sipiczki, M.: Common genes and pathways in the regulation of the mitotic and meiotic cell cycles of *Schizosaccharomyces pombe*. *Curr. Genet.* 20:199-204, 1991.
32. Miklos, I., Sipiczki, M.: Breeding of a distiller's yeast by hybridization with a wine yeast. *Appl. Microbiol. Biot.* 35:638-642, 1991.
33. Leupold, U., Sipiczki, M.: Sterile UGA nonsense mutants of fission yeast. *Curr. Genet.* 20:67-73, 1991.
34. Leupold, U., Sipiczki, M., Egel, R.: Pheromone production and response in sterile mutants of fission yeast. *Curr. Genet.* 20:79-85, 1991.
35. Rodriguez, H., Garcia, B., Ancheta, O., Sipiczki, M.: Formation, regeneration and fusion of protoplasts in a Cellulomonas strain. *Curr. Microbiol.* 23:265-269, 1991.
36. Ibanez, A. M., Sipiczki, M.: Formacion y regeneration de protoplastos en levaduras productoras de alcohol. *Rev. ICIDCA.* XXVI:7-1O, 1992.
37. Sipiczki, M., Grallert, B., Miklos, I.: Mycelial and syncytial growth in *Schizosaccharomyces pombe* induced by novel septation mutations. *J. Cell. Sci.* 104:485-493, 1993.
38. Benko, Z., Sipiczki, M.: Caffeine tolerance in *Schizosaccharomyces pombe*: physiological adaptation and interaction with theophylline. *Can. J. Microbiol.* 39:551-554, 1993.
39. Molnar, M., Sipiczki, M.: Polyploid inheritance in *Schizosaccharomyces pombe*. *Curr. Genet.* 24:45-52, 1993.

40. Hermann-Le Denmat, S., Sipiczki, M., Thuriaux, P.: Suppression of yeast RNA polymerase III mutations by the URP2 gene encoding a protein homologous to the mammalian ribosomal protein S20. *J. Mol. Biol.* 240:1-7, 1994.
41. Miklos, I., Sipiczki, M., Benko, Z.: Osmotolerant yeasts isolated from Tokaj wines. *J. Basic Microbiol.* 6:379-385, 1994.
42. Miklos, I., Sipiczki, M.: Ipari élesztők genetikai vizsgálata és hibridizációja. *Szeszipar.* 42:39-41, 1994.
43. Molnar, M., Bähler, J., Sipiczki, M., Kohli, J.: The rec8 gene of *Schizosaccharomyces pombe* is involved in linear element formation, chromosome pairing and sister-chromatid cohesion during meiosis. *Genetics* 141:61-73, 1995.
44. Molnar, M., Sipiczki, M.: Two novel genes involved in the sexual development of *Schizosaccharomyces pombe*. *Curr. Genet.* 28:447-453, 1995.
45. Farkas, I., Bako, E., Muranyi, A., Zeke, T., Sipiczki, M., Gergely, P.: Quantitation of protein phosphatase 1 and 2A in extracts of the budding yeast and fission yeast. *Int. J. Biochem. Cell Biol.* 27:767-773, 1995.
46. Zimmermann, M., Sipiczki, M.: Protoplast fusion. In "Genetics of Non-conventional Yeasts. A Handbook." (Ed. K. Wolf) Springer Verlag, New York, pp. 83-99, 1995.
47. Sipiczki, M.: Phylogenesis of fission yeasts. Contradictions surrounding the origin of a century old genus. *Anton. Leeuw. Int. J. G.* 68:119-149, 1995.
48. Sipiczki, M.: Fission yeasts and polarity. Ann. Rev. Research Center for Pathogenic Fungi and Microbial Toxicoses, Chiba University, Japan, 1996, pp. 58-64, 1996.
49. Miklos, I., Varga, T., Nagy, A., Sipiczki, M.: Karyotyping and segregation of chromosomes in wine yeasts used for hybridisation. In "11th International Oenological Symposium (eds. E. Lemperle, H. Trogus, P. Figlesthahler)" Sopron, 1996, pp. 104-113, 1996.
50. Miklos, I., Nagy, A., Sipiczki, M.: Chromosome length polymorphism in Tokaj wine yeasts. *J. Basic Microbiol.* 37:345-354, 1997.
51. Grallert, A., Miklos, I., Sipiczki, M.: Division site selection, cell separation and formation of anucleate minicells in *Schizosaccharomyces pombe* mutants resistant to cell wall lytic enzymes. *Protoplasma* 198:218-229, 1997.
52. Sipiczki, M, Grallert, A.: Polarity, spatial organisation of cytoskeleton, and nuclear division in morphologically altered cells of *Schizosaccharomyces pombe*. *Can. J. Microbiol.* 43:991-998, 1997.
53. Benko, Z., Miklos, I., Carr, A., Sipiczki, M.: Caffeine-resistance in *S. pombe*: mutations in three novel caf genes increase caffeine tolerance and affect radiation sensitivity, fertility, and cell cycle. *Curr. Genet.* 31:481-487, 1997.
54. Sipiczki, M.: Protoplast fusion. Molecular Genetics with the Fission Yeast *Schizosaccharomyces pombe*. In "EMBO Practical Course. Molecular Genetics with the Fission Yeast *Schizosaccharomyces pombe* (eds. R. Egel, P. Nurse, O. Nielsen)" Copenhagen, 1997, pp. 31-32, 1997.
55. Sipiczki, M.: Phylogenesis of fission yeasts. Molecular Genetics with the Fission Yeast *Schizosaccharomyces pombe*. In "EMBO Practical Course. Molecular Genetics with the Fission Yeast *Schizosaccharomyces pombe* (eds. R. Egel, P. Nurse, O. Nielsen)" Copenhagen, 1997. p. 82, 1997.
56. Ribar, B., Banrevi, A., Sipiczki, M.: *sep1+* encodes a transcription-factor homologue of the HNF-3/fork-head DNA-binding-domain family in *Schizosaccharomyces pombe*. *Gene* 202:1-5, 1997.
57. Sipiczki, M., Miklos, I., Grallert, A.: Polarity, spatial organisation of cytoskeleton and morphogenesis in fission yeasts. In "Proceedings of the International Symposium on

- Theoretical Biophysics and Biomathematics. (eds. L. Luo, Q. Li and W. Lee)" Inner Mongolia University Press, Hohhot, China, pp.129-132, 1997.
58. Grallert, A., Grallert, B., Ribar, B., Sipiczki, M.: Coordination of initiation of nuclear division and initiation of cell division in *Schizosaccharomyces pombe*: Genetic interactions of mutations. *J. Bacteriol.* 180:892-900, 1998.
  59. Sipiczki, M., Takeo, K., Yamaguchi, M., Yoshida, S., Miklos, I.: Environmentally controlled dimorphic cycle in a fission yeast. *Microbiol-UK* 144:1319-1330, 1998.
  60. Sipiczki, M., Takeo, K.: The effect of caffeine on cell cycle progression and polar growth in *Schizosaccharomyces pombe*. *Biol. Bratislava* 53:295-300, 1998.
  61. Sipiczki, M., Takeo, K., Grallert, A.: Growth polarity transitions in a dimorphic fission yeast. *Microbiol-UK* 144:3475-3485, 1998.
  62. Benko, Z., Sipiczki, M., Carr, A. M.: Cloning of caf1+, caf2+ and caf4+ of *Schizosaccharomyces pombe*: their involvement in multidrug resistance, UV- and pH-sensitivity. *Mol. Gen. Genet.* 260:434-443, 1998.
  63. Pesti, M., Sipiczki, M., Pinter, Y: Scanning electron microscopy characterisation of colonies of *C. albicans* morphological mutants. *J. Med. Microbiol.* 48:167-172, 1999.
  64. Grallert, A., Grallert, B., Zilahi, E., Szilagyi, Z., Sipiczki, M.: Eleven novel sep genes of *Schizosaccharomyces pombe* required for efficient cell separation and sexual differentiation. *Yeast* 15:669-686, 1999.
  65. Sipiczki, M., Grallert, A., Miklos, I., Zilahi, E., Bozsik, A., Szilagyi, Z.: Genetics, physiology and cytology of yeast-mycelial dimorphism in fission yeasts. *Acta Microbiol. Immunol. Hung.* 46:297-302, 1999.
  66. Czako-Ver, K., Batie, M., Raspor, P., Sipiczki, M., Pesti, M.: Hexavalent chromium uptake by sensitive and tolerant mutants of *Schizosaccharomyces pombe*. *FEMS Microbiol. Lett.* 178:109-115, 1999.
  67. Sipiczki, M., Yamaguchi, M., Grallert, A., Takeo, K., Zilahi, E., Bozsik, A., Miklos, I.: The role of cell shape in the determination of division plane in *Schizosaccharomyces pombe*: random orientation of septa in spherical cells. *J. Bacteriol.* 182:1693-1701, 2000.
  68. Zilahi, E., Miklos, I., Sipiczki, M.: The *Schizosaccharomyces pombe* *sep15+* gene encodes a protein homologous to the Med8 subunit of the *Saccharomyces cerevisiae* transcriptional mediator complex. *Curr. Genet.* 38:227-232, 2000.
  69. Zilahi, E., Salimova, E., Simanis, V., Sipiczki, M.: The *S. pombe* *sep1* gene encodes a nuclear protein that influences the expression of the *cdc15* gene. *FEBS Lett.* 481:105-108, 2000.
  70. Sipiczki, M.: Where does fission yeast sit on the tree of life? *Genome Biology* 1:1011.1-1011.4, 2000.
  71. Sipiczki, M., Bozsik, A.: The use of morphomutants to investigate septum formation and cell separation in *Schizosaccharomyces pombe*. *Arch. Microbiol.* 174:386-392, 2000.
  72. 11. G.V. Shpakovski, O.Gadal, S. Labarre-Mariotte, E.N. Lebedenko, I.Miklos, H. Sakurai, S.A. Proshkin, V. Van Mullem, A. Ishiama, P. Thuriaux: Functional conservation of RNA polymerase II in fission and budding yeasts. *J. Mol. Biol.* 4:295(5):1119-1127, 2000.
  73. Sipiczki, M., Grallert, A., Zilahi, E., Miklos, I., Szilagyi, Z.: Multifunctional cytokinesis genes in *Schizosaccharomyces pombe*. *Acta Biol. Hung.* 52:315-323, 2001.
  74. Sipiczki, M.: Identification of *Schizosaccharomyces pombe* genes that encode putative homologues of *Saccharomyces cerevisiae* mediator complex subunits. *Acta Microbiol. Hung.* 48:519-531, 2001.

75. Sipiczki, M., Miklos, I., Leveleki, L., Antunovics, Z.: Genetic and chromosomal stability of wine yeasts. In "Food Microbiology Protocols (eds. J.F.T. Spencer and A.L. Ragout de Spencer)" Humana Press, Totowa, New Jersey, USA, pp. 273-281, 2001.
76. Sipiczki, M., Romano, P., Lipani, G., Miklos, I., Antunovics, Z.: Analysis of yeasts derived from natural fermentation in a Tokaj winery. Anton. Leeuw Int J G 79:97-105, 2001.
77. Molnar, M., Parisi, S., Kakihara, Y., Nojima, H., Yamamoto, A., Hiraoka, Y., Bozsik, A., Sipiczki, M., Kohli, J.: Characterization of REC7, an early meiotic recombination gene in *Schizosaccharomyces pombe*. Genetics 157:519-532, 2001.
78. Bozsik, A., Szilagyi, Z., Benko, Z., Sipiczki, M.: Marker construction and cloning of a cut1-like sequence with ARS activity in the fission yeast *Schizosaccharomyces japonicus*. Yeast 19:485-498, 2002.
79. Szilagyi, Z., Grallert, A., Zilahi, E., Sipiczki, M.: Isolation and characterization of fission yeast genes involved in transcription regulation of cell cycle events. Acta Microbiol. Immunol. Hung. 49:285-287, 2002.
80. Naumov, G.I., Naumova E.S., Antunovics, Z., Sipiczki, M.: *Saccharomyces bayanus* var. *uvarum* in Tokaj wine-making of Slovakia and Hungary. Appl. Microbiol. Biotechnol. 59:727:730, 2002.
81. Szilagyi, Z., Grallert, A., Nemeth, N., Sipiczki, M.: The *Schizosaccharomyces pombe* genes sep10 and sep11 encode putative general transcriptional regulators involved in multiple cellular processes. Mol. Genet. Genomics 268:553-562, 2002.
82. Sipiczki, M.: Taxonomic and physiological diversity of *Saccharomyces bayanus*. In "Biodiversity and Biotechnology of Wine Yeasts" (Ed. M. Ciani) Research Signpost, Kerala, pp. 53-69, 2002.
83. Martin-Cuadrado, A.B., Duenas, E., Sipiczki, M., Vazquez de Aldana, C.R., del Rey, F.: The endo- $\beta$ -1,3-glucanase Eng1p is required for dissolution of the primary septum during cell separation in *Schizosaccharomyces pombe*. J. Cell Sci. 116:1689-1698, 2003.
84. Sipiczki, M.: Tokaj yeasts. Vinohrad 41(3):8-9, 2003.
85. Antunovics, Z., Csoma, H., Sipiczki, M.: Molecular and genetic analysis of the yeast flora of botrytized Tokaj wines. Bulletin de l'O.I.V. (Office International de la Vigne et du Vin Paris), 76:380-397, 2003.
86. Sipiczki, M.: *Candida zemplinina* sp. nov., an osmotolerant and psychrotolerant yeast that ferments sweet botrytized wines. Int. J. System. Evol. Microbiol. 53:2079-2083, 2003.
87. Czako-Ver, K., Koosz, Z., Antal, J., Racz, T., Sipiczki, M., Pesti, M.: Characterization of chromate-sensitive and -tolerant mutants of *Schizosaccharomyces pombe*. Folia Microbiol. 49:31-36, 2004.
88. Benko, Z., Fenyvesvolgyi, C., Pesti, M., Sipiczki, M.: The transcription factor Pap1/Caf3 plays a central role in the determination of caffeine resistance in *S. pombe*. Mol. Genet. Genomics 271:161-170, 2004.
89. Sipiczki, M., Romano, P., Capece, A., Paraggio, M.: Genetic segregation of natural *Saccharomyces cerevisiae* strains derived from spontaneous fermentation of Aglianico wine. J. Appl. Microbiol. 96:1169-1175, 2004.
90. Bourbon, H-M., Aguilera, A., Ansari, A., Asturias, F.J., Berk, A.J., Bjorklund, S., Blackwell, T.K., Borggrefe, T., Carey, M., Carlson, M., Conaway, J.W., Conaway, R.C., Emmons, S.W., Fondell, J.D., Freedman, S.W., Fukasawa, T., Gustaffson, C.M., Han, M., He, X., Herman, P.K., Hinnebush, A.G., Holmberg, S., Holstege, F.C., Jaehning, J.A., Kim, Y-J., Kuras, L., Leutz, A., Lis, J.T., Meisterernest, M., Naar, A.M., Nasmyth, K., Parvin, J.D., Ptashne, M., Reinberg, D., Ronne, H., Sadowski, I.,

- Sakurai, H., Sipiczki, M., Sternberg, P.W., Stillman, D.J., Strich, R., Struhl, K., Svejstrup, J.Q., Tuck, S., Winston, F., Roeder, R.G., Kornberg, R.D.: A unified nomenclature for protein subunits of Mediator complexes linking transcriptional regulators to RNA polymerase II. *Molecular Cell* 14:553-557, 2004.
91. Sipiczki, M.: Species identification and comparative molecular and physiological analysis of *Candida zemplinina* and *Candida stellata*. *J. Basic. Microbiol.* 44: 471-479, 2004.
  92. Sugita, T., Takeo, K., Ohkusu, M., Virtudazo, E., Takashima, M., Asako, E., Ohshima, F., Harada, C., Nishikawa, A., Majoros, L., Sipiczki, M.: Fluconazole-resistant pathogens *Candida inconspicua* and *C. norvegicus*: DNA sequence diversity of the rRNA intergenic spacer region, antifungal drug susceptibility and extracellular enzyme production. *Microbiol. Immunol.* 48:761-766, 2004.
  93. Drivinya, A., Szilagyi, Z., Sipiczki, M., Takeo, K., Shimizu, K.: Structural and functional analysis of genes encoding fork head proteins in *Cryptococcus neoformans*. *Biologia*. 56:711-718, 2004.
  94. Sipiczki, M.: Fission Yeast Phylogenesis and Evolution. In “Molecular Biology of *Schizosaccharomyces pombe*” (Ed. R. Egel) Springer Verlag, Heidelberg, pp. 431-443, 2004.
  95. Szilagyi, Z., Batta, G., Enczi, K., Sipiczki, M.: Characterisation of two novel fork-head gene homologues of *Schizosaccharomyces pombe*: Their involvement in cell cycle and sexual differentiation. *Gene* 348:101-109, 2005.
  96. Alonzo-Nunez, M.L., An, H., Mehta, S., Petit, C., Sipiczki, M., del Rey, F., Gould, K.L., Vazquez de Aldana, C.R.: Ace2p controls the expression of genes required for cell separation in *Schizosaccharomyces pombe*. *Mol. Biol. Cell* 16:2003-2017, 2005.
  97. Antunovics, Z., Irinyi, L., Sipiczki, M.: Combined application of methods to taxonomic identification of *Saccharomyces* strains in fermenting botrytized grape must. *J. Appl. Microbiol.* 98:971-979, 2005.
  98. Lee, K.M., Miklos, I., Du, H., Watt, S., Szilagyi, Z., Saiz, J.E., Madabhushi, R., Sipiczki, M., Bahler, J., Fischer, R.P.: Impairment of the TFIID-associated CDK-activating kinase selectively affects cell cycle-regulated gene expression in fission yeast. *Mol. Biol. Cell*, 16:2734-2745, 2005.
  99. Willer, T., Brandl, M., Sipiczki, M., Strahl, S.: Protein O-mannosylation is crucial for cell wall integrity, septation and viability in fission yeast. *Mol. Microbiol.* 57:156-170, 2005.
  100. Antunovics, Z., Nguyen, H-V., Gaillardin, C., Sipiczki, M.: Gradual genome stabilisation by progressive reduction of the *S. uvarum* genome in an interspecific hybrid with *S. cerevisiae*. *FEMS Yeast Res.* 5:1141-1150, 2005.
  101. Majoros, L., Kardos, G., Szabo, B., Sipiczki, M.: Caspofungin susceptibility testing of *Candida inconspicua*: correlation of different methods with the minimal fungicidal concentration. *Antimicrob. Agents Chemother.* 49:3486-3488, 2005.
  102. Sipiczki, M., Ciani, M., Csoma, H.: Taxonomic reclassification of *Candida stellata* DBVPG 3827. *Folia Microbiol.* 50:494-498, 2005.
  103. Sipiczki, M.: *Metschnikowia* strains isolated from botrytized grapes antagonize fungal and bacterial growth by iron depletion. *Appl. Environ. Microbiol.* 72:6716-6724, 2006.
  104. Sipiczki, M., Csoma, H., Antunovics, Z.: Biodiversity of yeast microbiota of botrytized Tokaj grapes and wines. In “ECCO XXV. The role of Culture Collections at the Beginning of the XXIst Century. Proceedings” Budapest, 2006. pp. 55-65, 2006.
  105. Enczi, K., Yamaguchi, M., Sipiczki, M.: Morphology transition genes in the dimorphic fission yeast *Schizosaccharomyces japonicus*. *Antonie van Leeuwenhoek* 92:143-154, 2007.

106. Ragni, E., Sipiczki, M., Strahl, S.: Characterization of Ccw12p, a major key player in cell wall stability of *Saccharomyces cerevisiae*. Yeast 24:309-319, 2007.
107. Csoma, H., Sipiczki, M.: Taxonomic investigation of the yeast biota of botrytized grapes and “Essence” in the Tokaj wine region. In “OENO 2007. 8e Symposium International d’Oenologie de Bordeaux (eds A. Lonvaud, L. Geny, M. Mietton-Peuchot, P. Darriet, P. Lucas, G. De Revel, P-L. Teissedre), Bordeaux, France, pp. 369-372, 2007.
108. Sipiczki, M.: Splitting of the fission yeast septum. FEMS Yeast Res. 7:761-770, 2007.
109. Miklos, I., Szilagyi, Z., Watt, S., Batta, G., Antunovics, Z., Enczi, K., Bahler, J., Sipiczki, M.: Genomic expression patterns in cell separation mutants of *Schizosaccharomyces pombe* defective in the genes *sep10+* and *sep15+* coding for the Mediator subunits Med31 and Med8. Mol. Genet. Genomics. 279:225-238, 2008.
110. Csoma, H., Sipiczki, M.: Taxonomic reclassification of *Candida stellata* strains reveals frequent occurrence of *Candida zemplinina* in wine fermentation. FEMS Yeast Res. 8:328-336, 2008.
111. Sipiczki, M.: Interspecies hybridisation in *Saccharomyces* wine yeasts. FEMS Yeast Res. 8:996-1007, 2008.
112. Zs. Koósz, Z.Gazdag, I.Miklós, Z.Benkő, J. Belágyi, J. Antal., B. Meleg, M.Pesti: Effects of Decreased Specific Glutathione Reductase Activity in a Chromate- Tolerant Mutant of *Schizosaccharomyces pombe*. Folia Microbiol. 53: 308-314, 2008.
113. Sipiczki, M., Kajdacsy E.: *Jaminaea angkorensis* gen. nov., sp. nov., a novel anamorphic fungus containing an S943 nuclear small subunit rRNA group IB intron represents a basal branch of *Microstromatales*. Int. J. Syst.Evol. Micr. 59:914-920, 2009.
114. Farkas, V., Takeo, K., Mecekova, D., Ohkusu, M., Yoshida, S., Sipiczki, M.: Secondary cell wall formation in *Cryptococcus neoformans* as a rescue mechanism against acid-induced autolysis. FEMS Yeast Res. 9:311-320, 2009.
115. Batta, G., Szilagyi, Z., Laczik, M., Sipiczki, M.: The involvement of the *Schizosaccharomyces pombe* *sep9/spt8+* gene in the regulation of septum cleavage. FEMS Yeast Res. 9:757-767, 2009.
116. Miklos, I., Ludanyi, K., Sipiczki, M.: The pleiotropic cell separation mutation *spl1-1* is a nucleotide substitution in the internal promoter of the praline tRNACGG gene of *Schizosaccharomyces pombe*. Curr. Genet. 55:511-520, 2009.
117. Batta G., Barna T., Gáspári Z., Szabolcs S., Kövér K., Binder U., Pócsi I., Lindner H. and Marx F.; Functional aspects of the solution structure and dynamics of PAF - a highly-stable antifungal protein from *Penicillium chrysogenum*., FEBS JOURNAL 276: 2875-2890, 2009.
118. Mehta, S., Miklos, I., Sipiczki, M., Sengupta, S., Sharma, N.: The Med8 mediator subunit interacts with the Rpb4 subunit of RNA polymerase II and Ace2 transcription activator in *Schizosaccharomyces pombe*. FEBS Letters 583:3115-3120, 2009.
119. Sipiczki, M.: *Candida stigmatis* sp. nov., a new anamorphic yeast species isolated from flowers. FEMS Yeast Res. 10:362-365, 2010.
120. Sipiczki, M., Csoma, H., Z. Antunovics, W. Pfliegler: Biodiversity in yeast populations associated with botrytised wine making. Mitteilungen Klosterneuburg, 60:387-394, 2010.
121. Hegedues I., Nagy E., Kukolya J., Barna T. and Fekete Cs., Stabilization of hemicellulase enzymes with nano-layer. 54: 53-62. 2010.
122. Csoma, H., Zakany, N., Capece, A., Romano, P., Sipiczki, M.: Biological diversity of *Saccharomyces* yeasts of spontaneously fermenting wines in four wine regions:

- comparative genotypic and phenotypic analysis. Int. J. Food. Microbiol. 140:239-248, 2010.
123. Virtudazo, E., Kawamoto, S., Ohkusu, M., Aoki, S., Sipiczki, M., Takeo, K.: The single Cdk1-G1 cyclin of *Cryptococcus neoformans* is not essential for cell cycle progression but has important roles in the proper commitment to DNA synthesis and bud emergence in this yeast. FEMS Yeast Res. 10:605-618, 2010.
  124. Cadou, A., Couturier, A., Le Goff, C., Soto, T., Miklos, I., Sipiczki, M., Xie, L., Paulson, J. R., Cansado, J., Le Goff, X.: Fission yeast Kin1 is a plasma membrane-associated kinase which regulates the cell surface. Mol. Microbiol. 77:1186-1202, 2010.
  125. Barna T., Fekete Cs., Elek R., Batta G., Csendes G., Tóth Á., Kukolya J., Characterization of the hemicellulolytic system of the plant wall degrader model organism *Thermobifida fusca*., Acta Microbiologica et Immunologica Hungarica 58: 189-190, 2010.
  126. Sipiczki, M.: *Sch. pombe* gene deletion library nearing completion: New perspectives for cell cycle research. Cell Cycle 9:2492, 2010.
  127. Sipiczki, M.: Diversity, variability and fast adaptive evolution of the wine yeast (*Saccharomyces cerevisiae*) genome. A review. Annals Microbiol. 61:85-93, 2010
  128. Sipiczki, M.: Dimorphic cycle in *Candida citri* sp. nov., a novel yeast species isolated from rotting fruit in Borneo. FEMS Yeast Res. 11:202-208. 2011.
  129. Calderon, J., Ragni, E., Fascio, U., Sipiczki, M., Fonzi, W.A., Popolo, L.: Phr1 protein localization to apical growth sites and septum contributes to *Candida albicans* morphogenesis. Fungal Genet. Biol. 48:793-805, 2011.
  130. Balazs, A., Batta, G., Miklos, I., Acs-Szabo, L., Vazquez de Aldana, C.R., Sipiczki, M.: Conserved regulators of the cell separation process in *Schizosaccharomyces*. Fungal Genet. Biol. 49:235-249, 2012.
  131. Sipiczki, M.: *Candida borneonana* sp. nov., a new methanol-assimilating anamorphic yeast species isolated from decaying fruit in Borneo. Int. J. System. Evol. Microbiol. 62:2303-2306, 2012.
  132. Kriszt R., Krifaton Cs., Szoboszlay S., Cserháti M., Kukolya J., Czéh A., Szőke Zs., Kovács J.K., Barna T, and Ferenczi Sz. A new zearalenone biodegradation strategy using non-pathogenic *Rhodococcus pyridinivorans* K408 strain. PLoS ONE 7(9): e43608. doi:10.1371/journal.pone.0043608, 2012.
  133. Pfliegler, W.P., Antunovics, Z., Sipiczki, M.: Double sterility barrier between *Saccharomyces* species and its breakdown in allopolyploid hybrids by chromosome loss. FEMS Yeast Res. 12:703-718, 2012.
  134. Sipiczki, M.: *Pichia bruneiensis* sp. nov., a biofilm-producing dimorphic yeast species isolated from flowers in Borneo. Int. J. System. Evol. Microbiol. 62:3099-104, 2012
  135. Sipiczki, M.: *Starmerella caucasica* sp. nov., a novel yeast species isolated from flowers in Caucasus. J. Gen. Appl. Microbiol. 59:67-73, 2013.
  136. Siesto, G., Capece, A., Sipiczki, M., Csoma, H., Romano, P.: Polymorphism detection among wild *Saccharomyces cerevisiae* strains of different wine origin. Annals Microbiol. 63:661-668, 2013.
  137. Sipiczki, M: Detection of yeast species also occurring in substrates associated with animals and identification of a novel dimorphic species in *Verbascum* flowers from Georgia. Antonie van Leeuwenhoek 103:567-575, 2013.
  138. Pfliegler, W.P., Sipiczki, M.: First record of the fungus *Pringsheimia smilacis* E. Müller 1958 (Ascomycota: Dothioraceae) from Hungary. Acta Nat. Pannon. 5:33-37, 2013.

139. Tóth Á., Barna T., Nagy I., Horváth B., Táncsics A., Kriszt B., Baka E., Fekete C. Kukolya J.: Draft Genome Sequence of the Lignocellulose Decomposer *Thermobifida fusca* Strain TM51Genome Announcements, 1(4): e00482-13. doi: 10.1128/genomeA.00482-13, 2013.
140. Lázár L., Csavás M., Hadházi Á., Herczeg M., Tóth, Somsák L., Barna T., Herczegh P. and Borbás A. 2013., Systematic study on free radical hydrothiolation of unsaturated monosaccharide derivatives with exo- and endocyclic double bonds., Org. Biomol. Chem., 11, 5339-5350, 2013.
141. Sipiczki, M., Pfliegler, W.P., Holb, I.J.: *Metschnikowia* species share a pool of diverse rRNA genes differing in regions that determine hairpin-loop structures and evolve by reticulation. PlosOne 8:e67384, 2013.
142. Muñoz, J., Cortés, C.G., Sipiczki, M., Ramos, M., Clemente-Ramos, J.A., M. Moreno, M.B., Martins, I.M., Pérez, P., Ribas, J.C.: Extracellular cell wall  $\beta$ (1,3)glucan is required to couple septation to actomyosin ring contraction. J. Cell Biol., 203:265-82., 2013.
143. Pfliegler, W.P., Horvath, E., Kallai, Z., Sipiczki, M.: Diversity of *Candida zemplinina* isolates inferred from RAPD, micro/minisatellite and physiological analysis. Microbiol. Res. 169:402-410, 2014.
144. Pfliegler, W.P., Atanasova, L., Karanyicz, E., Sipiczki, M., Bond, U., Druzhina, I.S., Sterflinger, K., Lopandic, K.: Generation of new genotypic and phenotypic features in artificial and natural yeast hybrids. Food Technol. Biotechnol. 52:46-57, 2014
145. Hegedusova, E., Brejova, B., Tomaska, T., Sipiczki, M., Nosek, J.: Mitochondrial genome of the basidiomycetous yeast *Jaminaea angkorensis*. Curr. Genet., 60:49–59, 2014.
146. Fazekas, M., Madar, A., Sipiczki, M., Miklos, I., Holb, I.J.: Genetic diversity in *Monilinia laxa* populations in stone fruit species in Hungary. World J. Microb. Biot. 30:1879-1892, 2014.
147. Sipiczki, M., Balazs, A., Monus, A., Papp, L., Horvath, A., Sveiczer, A., Miklos I.: Phylogenetic and comparative functional analysis of the cell-separation  $\alpha$ -glucanase Agn1p in *Schizosaccharomyces*. Microbiology SGM 160:1063-1074, 2014.
148. Sipiczki, M.: *Metschnikowia laotica* f.a. sp. nov., a novel dimorphic, pigment-producing yeast species isolated from fruit in Laos. Int. J. System. Evol. Microbiol. 64:1847-1852, 2014.
149. Papp, L., Sipiczki, M., Holb, I.J., Miklós, I.: Optimal conditions for mycelial growth of *Schizosaccharomyces japonicus* cells in liquid medium: it enables the molecular investigation of dimorphism. Yeast 31:475-482, 2014.
150. Nagy, L., Ohm, R., Kovacs, G., Floudas, D., Riley, R., Gacser, A., Sipiczki, M., Davis, J., Doty, S., De Hoog, G.S., Lang, B.F., Spatafora, J., Martin, F., Grigoriev, I., Hibbett, D.: Latent homology and convergent regulatory evolution underlies the repeated emergence of yeasts. Nature Communications 5:4471, DOI:10.1038/ncomms5471, 2014.
151. Ferenczi S., Cserháti M., Krifaton C., Szoboszlay S., Kukolya J., Szőke Z., Kőszegi B., Albert M., Barna T., Mézes M., Kovács K.J.: A New Ochratoxin A Biodegradation Strategy Using Cupriavidus basilensis Őr16 Strain., PLOS ONE, 9(10): e109817. doi:10.1371/journal.pone.0109817. 2014.
152. Fizil Á., Gáspári Z., Barna T., Marx F. and Batta Gy., “Invisible” Constrained Cold and Heat Unfolding, CEST-NMR Experiments, and Molecular Dynamics Calculations., Chemistry A European Journal 21(13): 5136–5144, 2015.
153. Sipiczki, M.: *Starmerella syriaca* f.a., sp. nov., an osmotolerant yeast species isolated from flowers in Syria. Antonie van Leeuwenhoek 107:847-856, 2015.

154. Kaewwichian, R., Jindamorakot, S., Am-In, S., Sipiczki, M., Limtong, S.: *Hannaella siamensis* sp. nov. and *Hannaella phetchabunensis* sp. nov., two new anamorphic basidiomycetous yeast species isolated from plants. *Int. J. System. Evol. Microbiol.* 65:1297–1303, 2015.
155. Masneuf-Pomarede I, Juquin E, Miot-Sertier C, Renault P, Laizet Y, Salin F, Alexandre H, Capozzi V, Cocolin L, Colonna-Ceccaldi B, Englezos V, Girard P, Gonzalez B, Lucas P, Mas A, Nisiotou A, Sipiczki M, Spano G, Tassou C, Bely M, Albertin W.: The yeast *Starmerella bacillaris* (synonym *Candida zemplinina*) shows high genetic diversity in winemaking environments. *FEMS Yeast Res.* 15:fov045. 2015.
156. Sipiczki, M.: Overwintering of vineyard yeasts: survival of interacting yeast communities in grapes mummified on vines. *Front. Microbiol.* 7:212. doi: 10.3389/fmicb.2016.00212, 2016.
157. Papp L., Sipiczki M., Miklós I.: Expression pattern and phenotypic characterization of the mutant strain reveals target genes and processes regulated by *pka1* in the dimorphic fission yeast *Schizosaccharomyces japonicus*. *Curr. Genet.* 63:487–497 2016.
158. Lopandic, K., Pfleigler, W.P., Tiefenbrunner, W., Gangl, H., Sipiczki, M., Sterflinger, K.: Genotypic and phenotypic evolution of the yeast interspecies hybrids during the high-sugar fermentation. *Appl. Microbiol. Biotechnol.* 100:6331-6343, 2016.
159. Tap, R.M, Ho, B.L.S., Ramli, N.Y., Suppiah, J., Hashim, R., Sabaratnam, P., Ginsapu, S.J., Gowbei, A., Razak, M.F.A., Sipiczki, M., Ahmad, N.: First isolation of *Candida wangnamkhiaoensis* from the blood of immunocompromised paediatric patient. *Mycoses* 59:734-741, 2016.
160. Bellasio, M., Peymann, A., Steiger, M., Valli, M., Sipiczki, M., Sauer, M., Graf, A., Marx, H., Mattanovich, D.: Complete genome sequence and transcriptome regulation of the pentose utilizing yeast *Sugiyamaella lignohabitans*, *FEMS Yeast Res.* 16:fow037, 2016.
161. Sipiczki, M., Pfleigler, W.P., Safar, S.V.B., Morais, P.B., Rosa, C.A.: *Metahypopichia laotica* gen. nov., sp. nov., a novel polymorphic yeast related to *Hyphopichia*. *Int. J. System. Evol. Microbiol.* 66:2550-2557, 2016.
162. Sipiczki, M.: Visualization of fission yeast cells by transmission electron microscopy. *Methods Mol. Biol.* 1369:97-111, doi: 10.1007/978-1-4939-3145-3\_8, 2016.
163. Nasr, S., Nguyen, H.D.T., Soudi, M.R., Fazeli, S.A.H.S., Sipiczki, M.: *Wickerhamomyces orientalis* f. a., sp. nov.: an ascomycetous yeast species belonging to the *Wickerhamomyces* clade. *Int. J. System. Evol. Microbiol.* 66:2534-2539, 2016
164. Sipiczki, M., Tap. R.M.: *Candida vulturna* pro tempore sp. nov., a new dimorphic yeast species related to *Candida haemulonis* species complex isolated from flowers and clinical sample. *Int. J. System. Evol. Microbiol.* 66:4009-4015, 2016.
165. Pfleigler WP, Sipiczki M.: Does fingerprinting truly represent the diversity of wine yeasts? A case study with interdelta genotyping of *Saccharomyces cerevisiae* strains. *Lett Appl Microbiol.* 63:406-411, 2016.
166. Ákos Tóth, Terézia Barna, Erna Szabó, Rita Elek, Ágnes Hubert, István Nagy, István Nagy, Balázs Krisztina, András Táncsics, József Kukolya: Cloning, Expression and Biochemical Characterization of Endomannanasases from *Thermobifida* Species Isolated from Different Niches PLOS ONE 11:(5) Paper e0155769. 2016.
167. Ferenczi Sz., Szegi K., Winkler Zs., Barna T. and Kovacs K. (Oligomannan Prebiotic Attenuates Immunological, Clinical and Behavioral Symptoms in Mouse Model of Inflammatory Bowel Disease. *Scientific Reports* 6, Article number 34132. doi: 10.1038/srep34132. 2016.

168. Tóth Á., Barna T., Szabó E., Elek R., Hubert Á., Nagy I., Kriszt B., Táncsics A. and Kukolya J. Cloning, Expression and Biochemical Characterization of Endomannanases from *Thermobifida* Species Isolated from Different Niches. PLoS ONE 11(5): e0155769. doi:10.1371/journal.pone.0155769, 2016.
169. Pataki, E., Weisman, R., Sipiczki, M., Miklos, I.: fhl1 gene of the fission yeast regulates transcription of meiotic genes and nitrogen starvation response, downstream of the TORC pathway. Current Genet, 63:91-101, 2017.
170. Pfliegler, W.P., Boros, E., Pazmandi, K., Jakab, A., Zsuga, I., Kovacs, R., Urban, E., Antunovics, Z., Bacsi, A., Sipiczki, M., Majoros, L., Pocsi, I.: Commercial strain-derived clinical *Saccharomyces cerevisiae* can evolve new phenotypes without higher pathogenicity. Mol. Nutr. Food. Res. 61(11): doi: 10.1002/mnfr.201601099, 2017.
171. Karanyicz, E., Antunovics, Z., Kallai, Z., Sipiczki, M.: Non-introgressive genome chimerisation by malsegregation in autodiploidised allotetraploids during meiosis of *Saccharomyces kudriavzevii* x *Saccharomyces uvarum* hybrids. Appl. Microbiol. Biotechnol. 101:4617-4633, 2017.
172. Gangl, H., Tiefenbrunner, W., Pfliegler, W.P. Sipiczki, M., Leitner, G., Tscheik, G., Lopandic, K.: Influence of artificial interspecies yeast hybrids and their F1 offspring on the aroma profile of wine. Mitteilungen Klosterneuburg 67:68-83, 2017.
173. Magyar, D., Kallai, Z., Sipiczki, M., Dobolyi, C., Sebok, F., Beregszaszi, T., Bihari, Z., Kredics, L., Oros, G.: Survey of viable airborne fungi in wine cellars of Tokaj, Hungary. Aerobiologia. <https://doi.org/10.1007/s10453-017-9505-3>, 2017.
174. Kovács T, Batta G, Zákány F, Szöllősi J, Nagy P. The dipole potential correlates with lipid raft markers in the plasma membrane of living cells. J Lipid Res, 58:1681-1691. doi: 10.1194/jlr.M077339. 2017.
175. Mohd Tap R, Kamarudin NA, Ginsapu SJ, Ahmed Bakri AR, Ahmad N, Amran F, Sipiczki M.: Draft Genome Sequence of *Candida pseudohaemulonii* Isolated from the Blood of a Neutropenic Patient. Genome Announc. 6: e00166-18, 2018.
176. Csoma H, Ács-Szabó L, Papp LA, Sipiczki M.: Application of different markers and data-analysis tools to the examination of biodiversity can lead to different results: a case study with *Starmerella bacillaris* (synonym *Candida zemplinina*) strains. FEMS Yeast Res. 18 (5):doi.org/10.1093/femsyr/foy021, 2018.
177. M. Sipiczki: Interspecies hybridization and Genome chimerisation in *Saccharomyces*: Combining of gene pools of species and its biotechnological perspectives. Review. Frontiers in Microbiology. 9: article 3071, 2018.
178. Lajos Ács-Szabó, László Attila Papp, Zsuzsa Antunovics, Matthias Sipiczki and Ida Miklós: Assembly of *Schizosaccharomyces cryophilus* chromosomes and their comparative genomic analyses revealed principles of genome evolution of the haploid fission yeasts. Scientific Reports. 8: article number:14629, 2018.
179. Batta G, Soltész L, Kovács T, Bozó T, Mészár Z, Kellermayer M, Szöllősi J, Nagy P. Alterations in the properties of the cell membrane due to glycol sphingolipid accumulation in a model of Gaucher disease. Sci Rep. 8:157. doi: 10.1038/s41598-017-18405-8. 2018
180. Rosa, A.L., Miot-Sertier, C., Laizet,Y., Salin, F., Sipiczki, M., Bely, M.,Masneuf-Pomarede, I., Albertin, W.: Draft genome sequence of the *Starmerella bacillaris* (syn.,*Candida zemplinina*) type strain CBS 9494. Microbiology Resource Announcement, 7: e00872-18, 2018.
181. Sipiczki M, Selim SA. Antagonistic yeasts from a salt-lakeregion in Egypt: identification of a taxonomically distinct group of phylloplane strains related to *Sporisorium*. Antonie Van Leeuwenhoek. doi: 10.1007/s10482-018-1184-8. 2018.

182. Sipiczki, M., Horvath, E., Pfliegler, W.: Birth-and death evolution and reticulation of ITS segments of *Metschnikowia andauensis* and *Metschnikowia fructicola* rDNA repeats. *Front. Microbiol.* 9:1193, doi: 10.3389/fmicb.2018.01193, 2018.
183. Lajos Ács-Szabó, László Attila Papp, Zsuzsa Antunovics, Matthias Sipiczki and Ida Miklós: Assembly of *Schizosaccharomyces cryophilus* chromosomes and their comparative genomic analyses revealed principles of genome evolution of the haploid fission yeasts *Scientific Reports* (8) 14629, 2018.
184. Hegedűs, É., Kókai, E., Nánási, P., Imre, L., Halász, L., Jossé, R., Antunovics, Z., Webb, M., El Hage, A., Pommier, Y., Székvolgyi, L., Dombrádi, V., Szabó, G.: Endogenous single-strand DNA breaks at RNA polymerase II promoters in *Saccharomyces cerevisiae*. *Nucleic Acids Res.* 46 (20): 10649-10668, 2018.
185. Kállai, Z., Pfliegler, W. P., Mitercsák, J., Szendei, G., & Sipiczki, M.: Preservation of diversity and oenological properties of wine yeasts during long-term laboratory maintenance: A study of strains of a century-old Tokaj wine yeast collection. *Lwt-Food Science and Technology*. 101: 789-798, 2019.  
Váradi T, Schneider M, Sevcik E, Kiesenhofer D, Baumgart F, Batta G, Kovács T, Platzer R, Huppa JB, Szöllősi J, Schütz GJ, Brameshuber M, Nagy P: Homo- and Heteroassociations Drive Activation of ErbB3. *Biophys J.* 19;117(10):1935-1947. doi: 10.1016/j.bpj.2019.10.001. 2019.
187. Sipiczki, M., Selim, SA: Antagonistic yeasts from a salt-lake region in Egypt: identification of a taxonomically distinct group of phylloplane strains related to *Sporisorium*. *Antonie Van Leeuwenhoek*. 112:523-541, 2019.
188. Nagy, Z., Medgyes-Horvath, A., Szalay, C., Sipiczki, M., Sveiczer, A: Phylogenetic analyses of proteins coordinating G2 size control in fission yeast. *Period. Polytech. Chem. Eng.* 63:555-568, 2019.
189. Kállai, Z., Pfliegler, W.P., Mitercsak, J., Szendei, G., Sipiczki, M.: Preservation of diversity and oenological properties of wine yeasts during long-term laboratory maintenance: A study of strains of a century-old Tokaj wine yeast collection. *LWT - Food Science and Technology* 101:789–798, 2019.
190. Sipiczki, M.: *Mycosarcoma aegyptiacum* sp. nov., an antagonistic polymorphic basidiomycetous yeast related to smut fungi. *Int. J. System. Evol. Microbiol.* (in press; Published Online: 21/11/2019), 2019.
191. Sipiczki, M.: Interspecies hybridisation and genome chimerisation in *Saccharomyces*: Combining of gene pools of species and its biotechnological perspectives. *Front. Microbiol.* 9:3071, 2018.
192. Sipiczki, M.: Yeast two- and three-species hybrids and high-sugar fermentation. *Microbial Biotechnol* 12:1101-1108, 2019.
193. Sipiczki, M.: Yeasts in botrytized wine making. In “Yeasts in the production of wine (eds. Romano, P., Ciani, M., Fleet, G. H.)” Springer, New York, pp. 229-261, 2019.
194. Sipiczki, M.: *Mycosarcoma aegyptiacum* sp. nov., an antagonistic polymorphic basidiomycetous yeast related to smut fungi. *Int. J. System. Evol. Microbiol.* 70:1086-1092, 2020.
195. Čadež, N., Drumonde-Neves, J., Sipiczki, M., Dlauchy, D., Lima, T., Pais, C., Schuller, D., Franco-Duarte, R., Lachance, M.A., Péter, G.: *Starmerella vitis* f.a., sp. nov., a yeast species isolated from flowers and grapes. *Antonie Van Leeuwenhoek*. 113:1289-1298, 2020.
196. Szabó, A., Antunovics, Z., Karanyicz, E., Sipiczki, M.: Diversity and postzygotic evolution of the mitochondrial genome in hybrids of *Saccharomyces* species isolated by double sterility barrier. *Front. Microbiol.* 11:838. 2020.

197. Sipiczki, M., Antunovics, Z., Szabo, A.: MAT heterozygosity and the second sterility barrier in the reproductive isolation of *Saccharomyces* species. *Curr. Genet.* 66:957-969, 2020.
198. Sipiczki, M: *Metschnikowia pulcherrima* and related pulcherrimin-producing yeasts: Fuzzy species boundaries and complex antimicrobial antagonism. *Microorganisms*. 8:1029, 2020.
199. Csoma H, Kállai Z, Antunovics Z, Czentye K, Sipiczki M: Vinification without *Saccharomyces*: Interacting Osmotolerant and "Spoilage" Yeast Communities in Fermenting and Ageing Botrytised High-Sugar Wines (Tokaj Essence). *Microorganisms*. 23;9(1):E19, 2020.
200. Batta G, Hajdu T, Nagy P. Characterization of the Effect of Sphingolipid Accumulation on Membrane Compactness, Dipole Potential, and Mobility of Membrane Components. *Methods Mol Biol.* 2187:283-301. doi: 10.1007/978-1-0716-0814-2\_16. PMID: 32770513. 2021.
201. Horváth E, Sipiczki M, Csoma H, Miklós I. Assaying the effect of yeasts on growth of fungi associated with disease. *BMC Microbiol.* 20(1):320. doi: 10.1186/s12866-020-01942-0. PMID: 33087058, 2020.
202. Plaszko T, Szűcs Z, Kállai Z, Csoma H, Vasas G, Gonda S. Volatile Organic Compounds (VOCs) of Endophytic Fungi Growing on Extracts of the Host, Horseradish (*Armoracia rusticana*). *Metabolites*. 10(11):451. doi:10.3390/metabo10110451. 2020.
203. Csoma, H.; Kállai, Z.; Antunovics, Z.; Czentye, K.; Sipiczki, M. Vinification without *Saccharomyces*: Interacting Osmotolerant and "Spoilage" Yeast Communities in Fermenting and Ageing Botrytised High-Sugar Wines (Tokaj Essence). *Microorganisms*. 9:19. <https://dx.doi.org/10.3390/microorganisms9010019>. 2021.
204. Anett Csikós, Peter Takacs, Ida Miklós: Comparison of novel single nucleotide polymorphisms of zinc transporters with zinc concentration in the human blood and vaginal tissues, *BioMetals*, 33:323–337, <https://doi.org/10.1007/s10534-020-00249-x>. 2020.
205. Laura Selbmann et al. Shed Light in the DaRk LineagES of the Fungal Tree of Life—STRES. *Life*, 10(12):362.<https://doi.org/10.3390/life10120362>, 2020.
206. Anett Csikós, Bence Kozma, Ágnes Pór, Ilona Kovács, Rudolf Lampé, Ida Miklós, Peter Takacs: Zinc Transporter 9 (SLC30A9) Expression Is Decreased in the Vaginal Tissues of Menopausal Women, *Biological Trace Element Research*, <https://doi.org/10.1007/s12011-020-02525-w>. 2021.
207. Papp, L., Ács-Szabó, L., Póliska, S., Miklós, I.: A modified culture medium and hyphae isolation method can increase quality of the RNA extracted from mycelia of a dimorphic fungal species. *Curr. Genet.* 67(5):823-830. doi: 10.1007/s00294-021-01181-4. 2021.
208. Csikós, A., Kozma, B., Baranyai, E., Miklós, I., Larson, K., Póka, R., Takács, P.: Evaluation of zinc and copper levels in vaginal tissues and whole blood: correlation with age. *BMC Women's Health.* 21 (1), 1-7, 2021.
209. Ács-Szabó, L., Papp, L., Sipiczki, M., Miklós, I.: Genome Comparisons of the Fission Yeasts Reveal Ancient Collinear Loci Maintained by Natural Selection. *J. Fungi*. 7 (10), 1-26, 2021.
210. Papp, L., Horváth, E., Peles, F., Pócsi, I., Miklós, I.: Insight into Yeast-Mycotoxin Relations. *Agriculture-Basel*. 11 (12), 1-13, 2021.
211. Papp, L., Ács-Szabó, L., Batta, G., Miklós, I.: Molecular and comparative genomic analyses reveal evolutionarily conserved and unique features of the

- Schizosaccharomyces japonicus* mycelial growth and the underlying genomic changes. Curr. Genet. Dec;67(6):953-968. doi: 10.1007/s00294-021-01206-y. 2021.
- 212.Horváth, E., Dályai, L., Szabó, E., Barna, T., Kalmár, L., Posta, J., Sipiczki, M., Csoma, H., Miklós, I.: The antagonistic *Metschnikowia andauensis* produces extracellular enzymes and pulcherrimin, whose production can be promoted by the culture factors. Sci. Rep. 11 10593-10603, 2021.
- 213.Pesti, B., Nagy, Z., Papp, L., Sipiczki, M., Sveiczer, Á.: Cell Length Growth in the Fission Yeast Cell Cycle: Is It (Bi)linear or (Bi)exponential?. Processes. 9 1-19, 2021.
- 214.Csoma, H., Kállai, Z., Antunovics, Z., Czentye, K., Sipiczki, M.: Vinification without Saccharomyces: Interacting Osmotolerant and "Spoilage" Yeast Communities in Fermenting and Ageing Botrytised High-Sugar Wines (Tokaj Essence). Microorganisms. 9 (1), 1-28, 2021.
- 215.Imre, A., Rácz, H., Antunovics, Z., Rádai, Z., Kovács, R., Lopandic, K., Pócsi, I., Pfliegler, V.: A new, rapid multiplex PCR method identifies frequent probiotic origin among clinical Saccharomyces isolates. Microbiol. Res. 227 1-7, 2019.
- 216.Zákány, F., Szabó, M., Batta, G., Kárpáti, L., Mándity, I., Fülöp, P., Varga, Z., Panyi, G., Nagy, P., Kovács, T.: An [omega]-3, but Not an [omega]-6 Polyunsaturated Fatty Acid Decreases Membrane Dipole Potential and Stimulates Endo-Lysosomal Escape of Penetratin. Front. Cell. Dev. Biol. 9 1-17, 2021.
- 217.Batta, G., Kárpáti, L., Henrique, G., Tóth, G., Tarapcsák, S., Kovács, T., Zákány, F., Mándity, I., Nagy, P.: Statin-boosted cellular uptake and endosomal escape of penetratin due to reduced membrane dipole potential. Br. J. Pharmacol. 178 (18), 3667-3681, 2021.
- 218.Kiss, M., Szabó, E., Bocska, B., Sinh, L., Fernandes, C., Timári, I., Hayes, J., Somsák, L., Barna, T.: Nanomolar inhibition of human OGA by 2-acetamido-2-deoxy-d-glucono-1,5-lactone semicarbazone derivatives. Eur. J. Med. Chem. 223 1-14, 2021.
- 219.Ács-Szabó, L., Papp, L., Csoma, H., Miklós, I., Sipiczki, M.: New Strain of Cyphellophora olivacea Exhibits Striking Tolerance to Sodium Bicarbonate. Diversity. 14 (12), 1023-2022.
- 220.Kocsis, B., Lee, M., Yu, J., Nagy, T., Daróczi, L., Batta, G., Pócsi, I., Leiter, É.: Functional analysis of the bZIP-type transcription factors AtfA and AtfB in *Aspergillus nidulans*. Front. Microbiol. 13 1-9, 2022.
- 221.Fehér, Á., Pethő, Z., Szántó, G., Klekner, Á., Tajti, G., Batta, G., Hortobágyi, T., Varga, Z., Schwab, A., Panyi, G.: Mapping the functional expression of auxiliary subunits of KCa1.1 in glioblastoma. Sci. Rep. 12 (1), 1-14, 2022.
- 222.Sipiczki, M.: Taxonomic revision of the pulcherrima clade of *Metschnikowia* (Fungi): Merger of species. Taxonomy. 2 (1), 107-123, 2022.
- 223.Sipiczki, M.: When barcoding fails: Genome chimerization (admixing) and reticulation obscure phylogenetic and taxonomic relationships. Mol. Ecol. Resour. 22 (5), 1762-1785, 2022.
- 224.Kiss, M., Timári, I., Barna, T., Mészáros, Z., Slámová, K., Bojarová, P., Křen, V., Hayes, J., Somsák, L.: 2-Acetamido-2-deoxy-d-glucono-1,5-lactone Sulfonylhydrazones: Synthesis and Evaluation as Inhibitors of Human OGA and HexB Enzymes. Int. J. Mol. Sci. 23 (3), 1-18, 2022.
- 225.Yousef, M., Szabó, I., Murányi, J., Illien, F., Soltész, D., Bató, C., Tóth, G., Batta, G., Nagy, P., Sagan, S., Bánóczi, Z.: Cell-Penetrating Dabcyl-Containing Tetraarginines with Backbone Aromatics as Uptake Enhancers. Pharmaceutics. 15 (1), 1-22, 2023.

- 226.Csoma Hajnalka, Lajos Ács-Szabó, László Attila Papp, Zoltán Kállai, Ida Miklós, Matthias Sipiczki: Characterization of *Zygosaccharomyces latus* Yeast in Hungarian Botrytized Wines, Microorganisms, 11(4), 852-869, 2023
- 227.Lajos Acs-Szabo , Laszlo Attila Papp, Szonja Takacs, Ida Miklos: Disruption of the *Schizosaccharomyces japonicus lig4* Disturbs Several Cellular Processes and Leads to a Pleiotropic Phenotype, J Fungi (Basel). 10;9(5):550-566, 2023
- 228.Brejová, B., Hodorová, V., Lichancová, H., Peričková, E., Šoucová, V., Sipiczki, M., Vinař, T., Nosek, J.: Chromosome-Level Genome Assembly of the Yeast *Candida verbasci*. Microbiol. Resour. Ann. 12 (3), 1-8, 2023.
- 229.Sipiczki, M., Hrabovszki, V.: Corrigendum to "Galactomyces candidus diversity in the complex mycobiota of cow-milk bryndza cheese comprising antagonistic and sensitive strains" [Int. J. Food Microbiol. 388 (2023) 110088]. Int. J. Food Microbiol. 391-393 1-1, 2023.
- 230.Sipiczki, M., Hrabovszki, V.: Galactomyces candidus diversity in the complex mycobiota of cow-milk bryndza cheese comprising antagonistic and sensitive strains. Int. J. Food Microbiol. 388 1-8, 110088, 2023.
- 231.Brysche, G., Sipiczki, M., Seidel, M., Li, W., Assali, I., Du, : Schizosaccharomyces *lindneri* sp. nov., a fission yeast occurring in honey. Yeast. 40 (7), 237-253, 2023.
- 232.Csoma, H., Kállai, Z., Czentye, K., Sipiczki, M.: *Starmerella lactis-condensi* , a yeast that has adapted to the conditions in the oenological environment. International Journal of Food Microbiology 401 (1), 1-10, 2023.
- 233.Antunovics, Z., Szabó, A., Heistinger, L., Mattanovich, D., Sipiczki, M.: Synthetic two-species allo diploid and three-species allotetraploid *Saccharomyces* hybrids with euploid (complete) parental subgenomes. Sci. Rep. 13 (1), 1-13, 2023.
- 234.Sipiczki, M.: Identification of antagonistic yeasts as potential biocontrol agents: Diverse criteria and strategies. Int. J. Food Microbiol. 406 1-14, 2023.