

Dr. Leiter Éva Julianna tudományos publikációi:

1. Emri, T., **Leiter, É.** and Pócsi, I. (2000) Effect of phenoxyacetic acid on the glutathione metabolism of *Penicillium chrysogenum*. *J. Basic Microbiol.* **40**, 93-104. **Impakt faktor: 0,613**
2. Emri, T., **Leiter, É.**, Farkas, E. and Pócsi, I. (2001) Penicillin productivity and glutathione-dependent detoxification of phenylacetic and phenoxyacetic acids in *Penicillium chrysogenum*. *J. Basic Microbiol.* **41**, 67-73. **Impakt faktor: 0,421**
3. Leiter, É., Emri, T., Gyémánt, Gy., Nagy, I., Pócsi, I., Winkelmann, G. and **Pócsi, I.** (2001) Penicillin V production by *Penicillium chrysogenum* in the presence of Fe(III) and in low-iron culture medium. *Folia Microbiol.* **46**, 127-132. **Impakt faktor: 0,776**
4. Pócsi, I., Emri, T., Sámi, L., **Leiter, É.** and Szentirmai, A. (2001) The glutathione metabolism of the β -lactam producer filamentous fungus *Penicillium chrysogenum*. *Acta Microbiol. Immunol. Hung.* **48**, 393-411
5. Pócsi, I., Sámi, L., **Leiter, É.**, Majoros, L., Szabó, B., Emri, T. and Pusztahelyi, T. (2001) Searching for new-type antifungal drugs. *Acta Microbiol. Immunol. Hung.* **48**, 533-543.
6. Kaiserer, L., Oberparleiter, C., Weiler-Görz, R., Burgstaller, W., **Leiter, E.** and Marx, F. (2003) Characterization of the *Penicillium chrysogenum* antifungal protein PAF. *Arch. Microbiol.* **180**, 204-210. **Impakt faktor: 1,989**
7. **Leiter, É.**, Marx, F., Pusztahelyi, T., Haas, H. and Pócsi, I. (2004) *Penicillium chrysogenum* glucose oxidase - a study on its antifungal effects. *J. Appl. Microbiol.* **97**, 1201-1209. **Impakt faktor: 1,835**
8. Galgóczy, L., Papp, T., **Leiter, É.**, Marx, F., Pócsi, I. and Vágvölgyi, C. (2005) Sensitivity of different Zygomycetes to the *Penicillium chrysogenum* antifungal protein (PAF). *J. Basic Microbiol.* **45**, 136-141. **Impakt faktor: 1,000**
9. **Leiter, É.**, Szappanos, H., Oberparleiter, C., Kaiserer, L., Csernoch, L., Pusztahelyi, T., Emri, T., Pócsi, I., Salvenmoser, W. and Marx, F. (2005) The antifungal protein PAF severely affects the integrity of the plasma membrane of *Aspergillus nidulans* and induces an apoptosis-like phenotype. *Antimicrob. Agents Chemother.* **49**, 2445-2453. **Impakt faktor: 4,379**
10. Szappanos, H., Szigeti, G.P., Pál, B., Rusznák, Z., Szűcs, G., Rajnavölgyi, É., Balla, J., Balla, G., Nagy, E., **Leiter, É.**, Pócsi, I., Marx, F. and Csernoch, L. (2005) *Penicillium chrysogenum* derived antifungal peptide shows no toxic effects on mammalian cells in the intended therapeutic concentration. *N-S. Arch. Pharmacol.* **371**, 122-132. **Impakt faktor: 2,098**
11. Szappanos, H., Szigeti, G.P., Pál, B., Rusznák, Z., Szűcs, G., Rajnavölgyi, É., Balla, J., Balla, G., Nagy, E., **Leiter, É.**, Pócsi, I., Hagen, S., Meyer, V. and Csernoch, L. (2006) The antifungal protein AFP secreted by *Aspergillus giganteus* does not cause detrimental effects on certain mammalian cells. *Peptides* **27**, 1717-1725. **Impakt faktor: 2,701**
12. Barna, B., **Leiter, É.**, Hegedűs, N., Bíró, T. and Pócsi, I. (2008) Effect of *Penicillium chrysogenum* antifungal protein (PAF) on barley powdery mildew and wheat rust pathogens. *J. Basic Microbiol.* **48**, 516-520. **Impakt faktor: 1,051**
13. Marx, F., Binder, U., **Leiter, É.** and Pócsi, I. (2008) The *Penicillium chrysogenum* antifungal protein PAF, a promising tool for the development of new antifungal therapies and fungal cell biology studies. *Cell. Mol. Life Sci.* **65**, 445-454. **Impakt faktor: 5,511**
14. Pócsi, I., **Leiter, É.**, Kwon, N.J., Shin, K.S., Kwon, G.S., Pusztahelyi, T., Emri, T., Abuknesha, R.A., Price, R.G. and Yu, J.H. (2009) Asexual sporulation signaling regulates autolysis of *Aspergillus nidulans* via modulating the chitinase ChiB production. *J. Appl. Microbiol.* **107**, 514-523. **Impakt faktor: 2,098**
15. Batta, Gy., Barna, T., Gáspári, Z., Sándor, Sz., Kövér, K.E., Binder, U., Sarg, B., Kaiserer, L., Chhillar, A.K., Eigentler, A., **Leiter, É.**, Hegedűs, N., Pócsi, I., Lindner, H. and Marx, F. (2009) Functional aspects of the solution structure and dynamics of PAF, a highly soluble antifungal protein from *Penicillium chrysogenum*. *FEBS J.* **276**, 2875-2890. **Impakt faktor: 3,042**
16. Balázs, A., Pócsi, I., Hamari, Z., **Leiter, É.**, Emri, T., Miskei, M., Oláh, J., Tóth, V., Hegedűs, N., Prade, R.A., Molnár, M. and Pócsi, I. (2010) AtfA BZIP-type transcription factor regulates oxidative and osmotic stress responses in *Aspergillus nidulans*. *Mol. Genet. Genom.* **283**, 289-303. **Impakt faktor: 2,453**
17. Hegedűs, N., **Leiter, É.**, Kovács, B., Tomori, V., Kwon, N.J., Emri, T., Marx, F., Batta, Gy., Csernoch, L., Haas, H., Yu, J.H. and Pócsi, I. (2011) The small molecular mass antifungal protein of *Penicillium chrysogenum* – a mechanism of action oriented review. *J. Basic Microbiol.* **51**, 561-571. **Impakt faktor: 1,319**