

Publications/Publikációk (2006)

(*Abstract/előadáskivonat)

1. ***BAI, K.B., LÁNG, O., BIRINYI, J., LÁNG, J., SCHLOSSER, G., KÓHIDAI, L., HUDECZ, F., MEZŐ, G. (2006)** Chemotactic peptide based drug targeting of methotrexate. *Journal of Peptide Science*, 12(S), 208.
2. ***BÁNÓCZI, Z., REIG, F., HUDECZ, F. (2006)** Interaction between penetratin and phospholipids bilayers. *Journal of Peptide Science*, 12(S), 161.
3. ***BARABÁS, O., NÉMETH-PONGRÁCZ, V., MAGYAR, A., HUDECZ, F., VÉRTESSY, B.G. (2006)** Role of the C-terminal conserved sequence motif in the function of dUTPase from Mason-Pfizer monkey retrovirus. *Journal of Peptide Science*, 12(S), 206.
4. ***BARTOS, A., URAY, K., HUDECZ, F. (2006)** Biotin-derivatives with enhanced solubility for the labelling of IgG Fc peptides. *Journal of Peptide Science*, 12(S), 105.
5. **BŐSZE, SZ., CSÍK, G., KÓCZÁN, GY., HUDECZ, F. (2006)** Synthesis and spectroscopic properties of 4-ethoxymethylene-2-(1)-naphthyl-5(4H)-oxazolone labelled fluorescent peptides. *Biopolymers*, 81, 81-91.
6. ***BŐSZE, SZ., MEZŐ, G., SCHLOSSER, G., PÓCSFALVI, G., BALOGH, Á., PRECHL, J., HUDECZ, F., VÁSÁRHELYI, B. (2006)** Determination of hepcidin content of urine using ELISA and mass spectrometry. *Journal of Peptide Science*, 12(S), 228.
7. **GÜNDÜZ, Ö., RIZZ, A., BALDISSEROTTO, A., GUERRINI, R., SPAGNOLO, B., GAVIOLI, E.C., KOCSIS, L., MAGYAR, A., BENYHE, S., BORSODI, A., CALÒ, G. (2006)** *In vitro* and *in vivo* pharmacological characterization of the nociceptin-orphanin FQ receptor ligand Ac-RYYRIK-ol. *European Journal of Pharmacology*, 539, 39-48.
8. **GÜNDÜZ, Ö., SIPOS, F., SPAGNOLO, B., KOCSIS, L., MAGYAR, A., OROSZ, GY, BORSODI, A., CALÒ, G., BENYHE, S. (2006)** *In vitro* binding and functional studies of Ac-RYYRIK-ol and its derivatives, Novel partial agonists of the nociceptin/orphanin F/Q receptor. *Neurosignals*, 15, 91-101.
9. ***HORVÁTI, K., BŐSZE, SZ., MEZŐ, G., CACCAMO, N., DIELI, F., HUDECZ, F. (2006)** Synthesis and *in vitro* effect of peptides and peptide-conjugates from 16 kDa protein of Mycobacterium tuberculosis on INF-gamma production. *Journal of Peptide Science*, 12(S), 230.

10. ***ILLYÉS, E., STAELENS, S., VANHOOREN, A., DECKMYN, H., HANSSENS, I., MAJER, ZS.** (2006) Effect of near UV irradiation on a single chain variable fragment of the monoclonal antibody 82d6a3 and its mutants. *Journal of Peptide Science*, 12(S), 174.
11. ***JAKAB, A., MEZŐ, G., FEIJLBRIEF, M., WELLING-WESTER, S., ANDREU, D., ERDEI, A. MAJER, ZS., HUDECZ, F.** (2006) Synthesis and antibody recognition of cyclic constructs of epitope peptide 9-22 of herpes simplex virus gD. *Journal of Peptide Science*, 12(S), 224.
12. **KOCSIS, L., RUFF, F., OROSZ, GY.** (2006) The effect of peptide length on the cleavage kinetics of 2-chlorotriptyl resin-bound ethers. *Journal of Peptide Science*, 18, 428-436.
13. **KOVÁCS, K., KAMNEV, A.A., MINK, J., NÉMETH, CS., KUZMANN, E., MEGYES, T., GRÓSZ, T., MEDZIHRADESKY-SCHWEIGER, H., VÉRTES, A.** (2006) Mössbauer vibrational spectroscopic and solution X-ray diffraction studies of the structure of iron(III) complexes formed with indole-3-alkanoic acids in acidic aqueous solutions. *Struct. Chem.*, 17, 105-120.
14. **KRIKORIAN, D., STAVRAKOUDIS, A., BIRIS, N., ANDREU, D., DE OLIVEIRA, E., MEZŐ, G., MAJER, ZS., HUDECZ, F., WELLING-WESTER, S., THONG CUNG, M., TSIKARIS, V.** (2006) Comparative study of the conformation of a Herpes simplex virus glycoprotein gD-1 epitope in the free and conjugated form, and protein built-in crystal structure. *Biopolymers*, 84, 383-399.
15. ***LACZKÓ, I., BOTTKA, S., VÁRÓ, GY., BÁLINT, Z., ILLYÉS, E., VASS, E., BERTRAND, J.R., MALVY, C., HOLLÓSI, M.** (2006) The N-terminally coupled acyl chain length influences the oligonucleotide binding and delivering abilities of sv40. *Journal of Peptide Science*, 12(S), 160.
16. **LÁNG, O., MEZŐ, G., HUDECZ, F., KÓHIDAI, L.** (2006) Effect of tuftsin and oligotuftsins on chemotaxis and chemotactic selection in *Tetrahymena pyriformis*. *Cell. Biol. Int.*, 30, 603-609.
17. ***LIGETI, M., BÉKÉSI, A., MAGYAR, A., HUDECZ, F., VÉRTESSY, B.G.** (2006) Synthesis of uracil-DNA specific endonuclease derived peptides for generation of enzyme specific antibodies. *Journal of Peptide Science*, 12(S), 155.
18. **LIGETI, M., BŐSZE, SZ., CSÁMPAI, A., GÜNDÜZ, Ö., AL-KHRASANI, M., RÓNAI, A.Z., MEDZIHRADESKY-SCHWEIGER, H., BENYHE, S., BORSODI, A., HUDECZ, F., MAGYAR, A.** (2006) Synthesis of enzymatically resistant nociceptin-related peptides containing a carbamic acid residue. *Journal of Peptide Science* 12, 481-490.

19. *LIGETI, M., MEZŐ, G., MARKÓ, K., MADARÁSZ, E., HUDECZ, F. (2006) Conjugation of a cyclic RGD derivative to branched chain polymeric polypeptide: synthesis and biological study of AK-(cyclo[RGDFC]). *Journal of Peptide Science*, 12(S), 178.
20. *MANEA, M., MEZŐ, G., HUDECZ, F., PRZYBYLSKI, M. (2006) Development and immunoanalytical characterization of bioconjugates comprising a β -amyloid plaque specific epitope. *Journal of Peptide Science*, 12(S), 216.
21. *MANSI, R., GALDIERO, S., TESAURO, D., MEZŐ, G., URAY, K., MORELLI, G., GALDIERO, M., HUDECZ, F. BENEDETTI, E. (2006) Peptide conjugates as CPHV-1 vaccines. *Journal of Peptide Science*, 12(S), 221.
22. *MEZŐ, G., JAKAB, A., SZABÓ, I., BŐSZE, SZ., SZABÓ, R., BAI, K.B., KAPUVÁRI, B., BOLDIZSÁR, M., VINCZE, B., CSUKA, O., HUDECZ, F. (2006) Drug delivery based on GnRH-III as targeting moiety. *Journal of Peptide Science*, 12(S), 98.
23. MEZŐ, G., LÁNG, O., JAKAB, A., BAI, K., SZABÓ, I., SCHLOSSER, G., KÓHIDAI, L., HUDECZ, F. (2006) Synthesis of oligotuftsin-based branched oligopeptide conjugates for chemotactic drug targeting. *Journal of Peptide Science*, 12, 328-336.
24. MIHALA, N., CSÁMPAI, A., ILAŠ, J., KIKELJ, D., KISS, R., SÜLI-VARGHA, H. (2006) The synthesis of alternative diketopiperazines as potential RGD mimetics. *Journal of Peptide Science*, 12, 663-669.
25. *MIKLÁN, ZS., REMÉNYI, J., SCHLOSSER, G., ANDREU D., HUDECZ, F. (2006) Synthesis and in vitro antitumour activity of new antifolate drug – peptide conjugates. *Journal of Peptide Science*, 12(S), 216.
26. NYÁRÁDY, Z., CZOMPOLY, T., BŐSZE, SZ., NAGY, G., PETROHAI, A., PÁL, J., HUDECZ, F., BERKI T., NÉMETH, P. (2006) Validation of in silico prediction by in vitro immunoserological results of fine epitope mapping on citrate synthase specific autoantibodies. *Mol. Immunol.*, 43, 830-838.
27. PÓCSFALVI, G., CUCCURULLO, M., SCHLOSSER, G., CACACE, G., SICILIANO, R.A., MAZZEO, M.F., SCACCO, S., COCCO, T., GNONI, A., MALORNI, A., PAPA, S. (2006) Shotgun proteomics for the characterisation of subunit composition of mitochondrial Complex I. *BBA-Bioenergetics*, 1757, 1438–1450.
28. REMÉNYI, J., CSÍK, G., KOVÁCS, P., REIG, F., HUDECZ, F. (2006) The effect of the structure of branched polypeptide carrier on intracellular delivery of daunomycin. *Biochimica et Biophysica Acta-Biomembranes*, 1758, 280-289.

29. **RÓNAI, A.Z., AL-KHRASANI, M., BENYHE, S., LENGYEL, I., KOCSIS, L., OROSZ, G., TÓTH, G., KATO, E., TÓTHFALUSI, L.** (2006) Partial and full agonism in endomorphin derivatives: comparison by null and operational model. *Peptides*, *27*, 1507-13.
30. **RÓNAI, A.Z., SZEMENYEI, E., KATO, E., KOCSIS, L., OROSZ, G., AL-KHRASANI, M., TÓTH, G.** (2006) Endomorphin synthesis in rat brain from intracerebroventricularly injected [3H]-Tyr-Pro: a possible biosynthetic route for endomorphins. *Regul. Pept.*, *134*, 54-60.
31. ***SZABÓ, I., BŐSZE, SZ., REMÉNYI, J., SCHLOSSER, G., HUDECZ, F., MEZŐ, G.** (2006) Synthesis and biological activity of new GNRH-III derivatives. *Journal of Peptide Science*, *12(S)*, 236.
32. **SZABO, I., SCHLOSSER, G., HUDECZ, F., MEZŐ, G.** (2006) Disulfide bond arrangement during regioselective oxidation in PhS(O)Ph/CH₃SiC₁₃ mixture for the synthesis of α -conotoxin GI. *Published online 24 October 2006 in Wiley InterScience (www.interscience.wiley.com)*
33. **SZIGYÁRTÓ, I.CS., SIMÁNDI, L.I., PÁRKÁNYI, L., KORECZ, L., SCHLOSSER, G.** (2006) Biomimetic oxidation of 3,5-di-tert-butylcatechol by dioxygen via Mn-enhanced base catalysis. *Inorg. Chem.*, *45*, 7480-7487.
34. **SZILÁGYI, O., ÓSZ, K., VÁRNAGY, K., SANNA, D., SÜLI-VARGHA, H., SÓVÁGÓ, I., MICERA, G.** (2006) Potentiometric and spectroscopic studies on the copper(II) and zinc(II) complexes of bis(imidazol-2-yl) derivatives of tripeptides. *Polyhedron*, *25*, 3173-3182.
35. ***URAY, K., MIZUNO, M., WINDBERG, E., INAZU, T., PERKINS, A., HUDECZ, F.** (2006) The influence of side chain glycosylation and flanking region modification on the antibody recognition of a MUC epitope. *Journal of Peptide Science*, *12(S)*, 183.
36. **ZSOLDOS-MADY, V., CSAMPAI, A., SZABO, R., MESZAROS-ALAPI, E., PASZTOR, J., HUDECZ, F., SOHAR, P.** (2006) Synthesis, structure, and *in vitro* antitumor activity of some glycoside derivatives of ferrocenyl-chalcones and ferrocenyl-pyrazolines. *Chem. Med. Chem.*, *1*, 1119-1125.