Publications/Publikációk (1994)

(*Abstract/előadáskivonat)

1. Bogdán, K., Alsina, M.A., Haro, I., Martin, I., Reig, F.: Interactions of the HAV-VP3 (61-78) peptide with mono- and bilayers. Langmuir 10: 4618 - 4623 (1994)

2. Bősze, Sz., Mák, M., Medzihradszky-Schweiger, H., Hudecz, F.: Chromatographic characterization of HSV-1 gD 268-284 and IL-6 179-185 synthetic oligopeptides by RP-HPLC, automated Edman degradation and MS analysis. J. Chromatography A 668: 345-351 (1994).

3. Davis, G.M., Bősze, S., Hudecz, F., Price, M.R., Tendler, S.J.B.: Characterization of a recombinant Fv fragment of anti-MUC1 antibody HMFG1. Cancer Letters 82: 179-184 (1994)

4. Denton, G., Kajtár J., Morris, T.M., Price, M.R., Hudecz, F.: Sequential order of T and B cell epitopes affects the immunogenicity, but not antibody recognition of the B cell epitope. Peptide Res. 7: 258-264 (1994)

5. Hilbert, Á., Hudecz, F., Mező, G., Mucsi, I., Kajtár, J. Kurucz, I., Rajnavölgyi, É.: The influence of the branched polypeptide carrier on the immunogenicity of predicted epitopes of HSV-1 glycoprotein D. Scan.J.Immunol. 40: 609-617 (1994)

6. Hollósi, M., Majer, Zs., Rónai, A.Z., Magyar, A., Medzihradszky, K., Holly, S., Perczel, A., Fasman, G.D.: CD and Fourier transform IR spectroscopic studies of peptides II. Detection of b-turns in linear peptides. Biopolymers 34: 177-185 (1994)

7. Hudecz, F.: Korszerű módszerek a biomedicinális kutatásban: egy oktatási program. TEMPUS Joint European Project (JEP) 2113. Biokémia (in Hungarian) 18: 109-115 (1994)

8. Hudecz, F.: Localisation of functionally relevant domains in proteins. Biokémia 18: 161-174 (1994)

9. Hudecz, F.: Prediction of B- and T cell epitopes. In: Synthetic peptides in the search for B- and T-cell epitopes. (Ed. Rajnavölgyi, É.) 1994, R.G.Landes Company, Austin pp. 19-30.

10. Hudecz, F., Hilbert, Á., Mező, G., Kajtár, J., Rajnavölgyi, É.: B-cell epitopes in Herpes simplex Virus- (HSV-1) glycoprotein D (gD). In: Synthetic peptides in the search for B-and T-cell epitopes. (Ed. Rajnavölgyi, É.) 1994, R.G. Landes Company, Austin, pp. 157-169.

11. Hudecz, F., Hilbert, Á., Mező, G., Mucsi, I., Kajtár, J. Bősze, Sz., Kurucz, I. Rajnavölgyi, É.: The use of branched polypeptide carrier based conjugates for the design of synthetic vaccine against HSV infection. In: Innovation and Perspectives in Solid Phase Synthesis - Peptides, Polypeptides and Oligonucleotides - 1994 (Ed. Epton, R.) 1994, Intercept, Andover pp. 315-320.

12. Hudecz, F., Kojima, Y., Miyamoto, Y., Kajtár, J., Maeda, H.: The effect of charge on the biodistribution of synthetic branched polypeptides in tumour bearing mice. J. Controlled Release 28: 301-302 (1994).

13. Hudecz, F., Pimm, M.V., Gaál, D., Vincze, B., Mező, G., Mező, I., Pályi, I., Szekerke, M.: Design of synthetic branched polypeptide based conjugates for imaging and therapy of cancer. In: Proceedings of the XVI. International Cancer Congress. (Eds.: Rao, R.S., Deo, M. G., Sanghvi, L.D., Mittra, I.) 1994, Monduzzi Editore, Bologna pp. 177-181.

14. Hudecz, F., Tóth, G.K.: Synthetic peptide constructs to increase the immunogenicity of B-cell epitopes. In: Synthetic peptides in the search for B-and T-cell epitopes. (Ed. Rajnavölgyi, É.) 1994, R.G.Landes Company, Austin pp. 97-119.

15. Idei M., Mező G., Hudecz F., Mező I., Vadász Zs., Teplán I., Kéri Gy.: HPLC and CE analysis of peptide-hormone macromolecular carrier conjugates. The Chromatography Yearbook. (Evans, M.B. and Fell, A.F., eds.) Chromatographic Society, Nottingham (1994).

*16. Jeney A., Süli-Vargha H., Timár F., Ráso E., Lapis K., Timár J.: The utility of Lys-Pro-Val as cytokine antagonist in antitumor drug design. Annals of Oncology 5 (Suppl 5):110 (1994)

*17. Loir, B., Morandini, R., Delforge, A., Marmol, del V., Deraemaecker, R., Süli-Vargha, H., Ghanem, G.: Effect of TNF-a on IL1-b and IL-6 production by human melanoma cells: role of MSH-related neuropeptides. Melanoma Research 4 Suppl. 2. 46-47 (1994)

*18. Magyar, A., Rónai, A.Z., Hepp, J., Borsodi, A., Medzihradszky, K.: Agonist-based, receptor-type selective opioid peptides containing an alkylating moiety. Regulatory Peptides Suppl. 1 S47-S48 (1994)

19. Medzihradszky, K.: Peptidkémiai kutatások Magyarországon, 1937-1993. Magyar Kémai Folyóirat 100: 235-247 (1994)

20. Morandini, R., Süli-Vargha H., Libert, A., Loir, B., Botyánszky, J., Medzihradszky, K., Ghanem, G.: Receptor-mediated cytotoxicity of alpha-MSH fragments containing Melphalan in a human melanoma cell line. Int. J. Cancer 56 129-133 (1994)

*21. Orosz, G., Rónai, A.Z., Bajusz, S., Medzihradszky, K.: Novel, receptor-type selective tetra- and pentapeptide opioid antagonists, related to a natural sequence found in snake venom. Regulatory Peptides Suppl. 1 S53-54 (1994)

22. Orosz, G., Rónai, A.Z., Bajusz, S., Medzihradszky, K.: N-terminally protected penta- and tetrapeptide opioid antagonists based on a pentapeptide sequence found in the venom of philippine cobra. Biochem. Biophys. Res. Comm. 202: 1285-1290 (1994)

23. Pimm, M.V., Perkins, A.C., Gribben, S.J., Hudecz, F.: Scintigraphic determination of biodistribution of an 111In-labelled poly(L-lysine) backbone branched polypeptide drug carrier in tumour-bearing mice. J. Nuclear Biology and Medicine 38 (4/S1): 104-108 (1994)

24. Rónai, A.Z., Hepp, J., Magyar, A., Borsodi, A., Medzihradszky, K.: Design of opioid peptides for a potential delta-receptor affinity label function: Comparison with the mu-specific Tyr-D-Ala-Gly-MePhe-chloromethyl ketone. Pharmacology 49: 121-131 (1994)

*25. Rónai, A.Z., Botyánszki, J., Orosz, G., Blahunka, A., Medzihradszky, K.: Two families of novel, receptor-type selective antagonists: What do they tell us? Regulatory Peptides S57-S58 (1994)

26. Süli-Vargha, H., Sohár, P.: Reaction with 4-(p-nitrobenzyl)pyridine allows detection of urethane-protected pyroglutamyl residues. Peptide Res. 7: 24-26 (1994)

27. Várnagy, K., Sóvágó, I., Ágoston, K., Likó Zs., Süli-Vargha, H.: Bisz(2-imidazolil) csoportot tartalmazó peptidszármazékok átmenetifém-komplexeinek egyensúlyi vizsgálata. Magyar Kémiai Folyóirat 100: 127-133 (1994)

28. Várnagy, K., Sóvágó, I., Ágoston, K., Likó, Zs., Süli-Vargha, H., Sanna, D., Micera, G. Potentiometric and spectroscopic studies on copper(II) and zinc(II) complexes of peptides containing bis(imidazolyl) ligands. J. Chem. Soc. Dalton Trans. 2939-2945 (1994)

*29. Vincze, B., Pályi, I., Daubner, D., Kálnay, A., Gaál, D., Mező, I., Teplán, I., Mezô, G., Hudecz, F., Szekerke, M.: Antitumour effect of GnRH antagonist and their conjugates on human breast cancer cells and their xenografts. Ann. Oncol. 5: Suppl. 5: 85 (1994)

*30. Vincze, B., Pályi,I., Daubner, D., Kálnay, A., Mező, G., Hudecz, F., Szekerke, M., Teplán, I., Mező, I.: Antitumor effect of a GnRH antagonist and its conjugate on human breast cancer cells and their xenografts. J. Cancer Res. Clin.Oncol. 120: 578-584 (1994)

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