

Publications/Publikációk (1996)

(*Abstract/előadáskivonat)

1. Bódi, J., Süli-Vargha, H., Medzihradzsky-Schweiger, H., Medzihradzsky, K., Saran, A.: Cyclic melanotropin fragments: synthesis and biological activity. *ACH - Models in Chemistry*, 132: 925-931 (1996)

2. Bogdán, K., Vordermeier, H.M., Kajtár, J., Mák, M., Ivanyi, J. Hudecz, F.: Influence of peptide length, nature of flanking sequences and fidelity of critical residues on T cell recognition of an immunodominant epitope from the M.tuberculosis 38 kDa protein. In: *Peptides in Immunology* (Ed. C. H. Schneider) 1996, J. Wiley, London, pp. 85-92.

*3. Gaál, D., Hudecz, F.: Enhancement of antitumour activity of daunomycin by conjugation to a new toxicity modulator, amphoteric branched polypeptide. *Ann. Oncol.* 7: Suppl.5: (1996)

4. Harris DP, Vordermeier HM, Arya, A, Bogdán K, Moreno C and Ivanyi J: Immunogenicity of peptides for B cell is not impaired by overlapping T cell epitope topology. *Immunology* 88: 348-354 (1996)

5. Hohman, J.R., Givens, R.S., Carlson, R.G., Orosz, G.: Synthesis and chemiluminescence of a protected peroxyoxalate. *Tetrahedron Letters* 37: 8273-8276 (1996)

6. Hudecz, F.: Fehérjék antigénszerkezete: a peptidmegközelítés. *Lombik és Reaktor* (in Hungarian) 3-12 (1996/3)

*7. Hudecz F.: Polymeric drug design: preparation and characterisation of daunomycin-branched polypeptide conjugates with poly-[L-lysine]. *Neurobiology* 4: 483 (1996)

8. Hudecz, F., Hollósi M.: Korszerű módszerek a bioorganikus és biomedicinális kémiaában és a szerkezeti biológiában. *Biokémia* (in Hungarian) 20: 136-138 (1996)

9. Idei, M., Dibó, G., Bogdán, K., Mező, G., Horváth, A., Érchegyi, J., Mészáros, Gy., Teplán, I., Kéri, Gy., Hudecz, F. : Analysis of macromolecular branched chain polypeptides by capillary electrophoresis and micellar electrokinetic chromatography. *Electrophoresis* 17: 1357-1360 (1996)

10. Inui, T., Bódi, J., Kubo, S., Nishio, H., Kimura, T., Kojima, S., Maruta, H.: Solution synthesis of human midkine, a novel heparin-binding neurotrophic factor consisting of 121 amino acid residues with five disulphide bonds. *J. Peptide Science* 2: 28-39 (1996)

11. Likó, Zs., Botyánszki, J., Bódi, J., Vass, E., Majer, Zs., Hollósi, M. and Süli-Vargha, H.: Effect of Ca²⁺ on the Secondary structure of Linear and Cyclic Collagen

Sequence Analogs. *Biochem. Biophys. Res. Commun.* 227: 351-359 (1996)

12. Mező, G., Mák, M., Bősze, Sz., Hudecz, F.: Synthesis of HSV epitope peptides with acid sensitive Asp-Pro bond. *Protein and Peptide Letters* 3: 369-376 (1996).

13. Mező, G., Mező, I., Pimm, M.V., Kajtár, J., Sepródi, J., Teplán, I., Kovács, M., Vincze, B., Pályi, I., Idei, M., Szekerke, M., Hudecz, F.: Synthesis, conformation, biodistribution and hormone-related in vitro antitumor activity of a Gonadotropin-Releasing Hormone Antagonist-Branched Polypeptide Conjugate. *Bioconjugate Chem.* 7: 642-650 (1996)

14. Mező, G., Sármy, G., Hudecz, F., Kajtár, J., Nagy, Zs., Gergely, J., Szekerke, M.: Synthesis and characterization of p-borono-Phe - branched polypeptide - monoclonal antibody ternary systems for potential use in boron neutron capture therapy (BNCT) *J. Bioactive and Compatible Polymers* 11: 263-285 (1996)

15. Orosz, G., Givens, R.S., Schowen, R.L.: A model for mechanism of peroxyoxalate chemiluminescence as applied to detection in liquid chromatography. *Critical Reviews in Analytical Chemistry* 26: 1-27 (1996)

16. Perkins, A.C., Frier, M., Pimm, M.V., Hudecz, F., Duncan, R.: Synthetic polymers as potential designer. *Eur. J. Nucl. Med.* 23: 1134 (1996)

17. Pimm, M.V., Hudecz, F.: Biodistribution in tumour-bearing mice of polycationic, amphoteric and polyanionic branched polypeptides with poly(L-lysine) backbone labelled with ¹²⁵I and ¹¹¹In: Tumour accumulation less than that of labelled serum proteins. *J. Cancer Res. Clin. Oncol.* 122: 45-54 (1996).

18. Sartania, N., Benyhe, S., Magyar, A., Rónai, A.Z., Medzihradszky, K., Borsodi A.: Opioid binding profile of morphiceptin, Tyr-MIF-1 and dynorphin-related peptides in rat brain membranes. *Neuropeptides* 30: 225-230 (1996)

*19. Tóth, S., Bősze, Sz.: Different action of LIF and IL-6 on parental and metastatic breast cancer cells. *International Medical J. Experimental and Clinical Research. Medical Science Monitor* 2: Suppl.3 19-20 (1996)

*20. Wilkinson, R.J., Jurcevic, S., Bogdán, K. A., Vordermeier, H.M., Hills, A., Pavol, G., Davidson, R.N., Hudecz, F., Moreno, C., Ivanyi, J.: Definition and evaluation of species-specific tuberculin test reagents. *Transaction of the Royal Society of Tropical Medicine and Hygiene*, 90: 480 (1996)

Korszerű módszerek a bioorganikus, biomedicinális kémiában és a szerkezeti biológiában. Biomedicinális egyetemközi doktori program jegyzete. Budapest, 1996. Szerkesztő: Orosz György.