

## **Publications/Publikációk (2000)**

(\*Abstract/előadáskivonat)

1. Bősze Szilvia Erika: Az interleukin-6 hatásáért felelős régiók vizsgálata szintetikus peptidekkel. *Kémiai Közlemények*, 507-510 (2000)

\*2. Bősze, Sz., Csík, G., Illyés, E., Kóczán, Gy., Sebestyén, F., Hudecz, F.: Synthesis and spectroscopic characterisation of tryptophan containing peptides labelled with 4-ethoxy-methylene-2-[1]-naphthyl-5(4H)-oxazolone or 4-[7-hydroxycoumaryl]acetic acid. *Journal of Peptide Science* 6, 163 (2000)

3. DeSilva, B. S., Orosz, G., Egodage, K. L., Carlson, R. G., Schowen, R. L., Wilson, G. S.: Catalytic antibodies for complex reactions: hapten design and the importance of screening for catalysis in the generation of catalytic antibodies for the NDA/CN reaction. *Appl Biochem Biotechnol*, 83: 195-206 (2000)

4. Drakopoulou, E., Uray, K., Mező, G., Price, M.R., Vita, C., Hudecz, F.: Synthesis and antibody recognition of mucin 1 -  $\alpha$ -conotoxin chimera. *J. Peptide Science* 6: 175-185 (2000)

5. Givens, R.S., Weber, J.F.W., Conrad, P.G., Orosz, Gy., Donahue, S.L., Thayer, S.A.: New phototriggers 9: p-hydroxyphenacyl as a C-terminal photoremovable protecting group for oligopeptides. *J. Am. Chem. Soc.* 122: 2687-2697 (2000)

\*6. Hilbert, Á., Kurucz, I., Uray, K., Hudecz, F., Biró, A., Hérincs, Z., Medgyesi, D., Koncz, G., Gergely, J., Sármay, G.: Human recombinant soluble type IIb Fc $\gamma$  receptor: Localization of the binding site on IgG and sensitivity to a trypsin like serine protease. *Immunology Letters* 73: 174-175 (2000)

\*7. Horváth, L., Prohászka, Z., Vajna, R., Uray, K., Hudecz, F., Baranyi, É., Madácsy, L., Romics, L., Füst, G., Pánczél, P.: Antibodies against heat-shock-proteins (hsp) and p277 60 kD HSP peptide in childhood-onset type 1 diabetes mellitus. *Immunology Letters* 73: 138 (2000)

8. Hudecz, F.: Peptide research: a field for understanding the structure and function of proteins in the frame of international collaboration. *Seitaibunsi Kaiseki Kennkyu Senta Dayori* 20: 9-16 (2000)

\*9. Hudecz, F., Price, M.R., Pimm, M.V.: Carrier effect on biodistribution of covalently attached antibody epitope peptide from mucin 1. *Journal of Peptide Science* 6, 205 (2000)

\*10. Illyés, E., Kóhidai, L., Bősze, Sz., Láng, O., Vékey, K., Medzihradzky-Schweiger, H., Sebestyén, F., Hudecz, F.: New chemotactic peptides. *Journal of Peptide Science* 6, 95 (2000)

- \*11. Kocsis, L., Benyhe, S., Borsodi, A., Rónai, A.Z., Magyar, A., Orosz, Gy.: Opioid related peptide alcohols: structure-activity studies. *Journal of Peptide Science* 6, 197 (2000)
12. Kocsy, G., Szalai, G., Vágújfalvy, A., Stéhl, L., Orosz, Gy., Galiba, G.: Fgenetic study of glutathione accumulation during cold hardening in wheat. *Planta* 212: 295-301 (2000)
- \*13. Magyar, A., Uray, K., Szakonyi, J., Brózik, M., Rojkovich, B., Gergely, P., Hudecz, F.: Protein-based detection of anti-filaggrin antibodies in rheumatoid arthritis. *Journal of Peptide Science* 6, 175 (2000)
14. Mező, G., Drakopoulou, E., Paál, V., Rajnavölgyi, É., Vita, C., Hudecz, F.: Synthesis and immunological studies of a-conotoxin chimera containing an immunodominant epitope from the 268-284 region of HSV gD protein. *J. Peptide Research* 55: 7-17 (2000)
- \*15. Mező, G., Kalászi, A., Reményi, J., Mihala, N., Majer, Zs., Láng, O., Kőhidai, L., Barna, K., Gaál, D.: Synthesis of new carrier molecules based on repeated tuftsin sequences. *Journal of Peptide Science* 6, 99 (2000)
16. Mező, G., Mihala, N, Andreu, D., Hudecz, F.: Conjugation of epitope peptides with SH group to branched chain polymeric polypeptides via Cys(Npys). *Bioconjugate Chemistry* 11: 484-491 (2000)
17. Mező, G., Reményi, J., Kajtár, J., Barna, K., Gaál, D., Hudecz, F.: Synthesis and conformational studies of poly(L-lysine) based branched polypeptides with Ser and Glu/Leu in the side chains. *J. Controlled Release* 63: 81-95 (2000)
- \*18. Mihala, N., Bódi, J., Süli-Vargha, H.: Synthesis of C-terminal domain sequences of tissue inhibitor of metalloproteinase-1 for structure biological activity relationship investigations. *Journal of Peptide Science* 6, 175 (2000)
- \*19. Molnár, J., Marczinovits, I., Hudecz, F., Pál, J., Tóth, G.K., Kiss, M., Husz, S., Molnár, A.: Immune reactivity and secondary structure of an antigenic epitope of the 180 kDa bullous pemphigoid antigen in different macromolecular environments. *Molecular Biology of the Cell*, 11(Suppl): 391a (2000)
- \*20. Mucsi, Z., Bódi, Á., Gráf, L., Perczel, A., Patthy, A., Orosz, Gy.: Modeling of SGCI, a serine protease inhibitor. *Journal of Peptide Science* 6, 132 (2000)
21. Nagy B. Ildikó.: Polimer polipeptidek és jelpeptid konjugátumaik kölcsönhatása modell membránokkal. *Kémiai Közlemények*, 511-514 (2000)
22. Nagy, I.B., Alsina, M.A., Haro, I., Reig, F., Hudecz, F.: Phospholipid - model membrane interactions with branched polypeptide conjugates of a hepatitis a virus peptide epitope. *Bioconjugate Chemistry*, 11: 30-38 (2000)

23. Nagy, I.B., Dancs, A., Kóczán, Gy., Mező, G., Hudecz, F.: Conjugation of HS-oligopeptides with polymeric branched chain polypeptides containing multiple amino groups. *J. Bioactive and Compatible Polymers*, 15: 139-154 (2000)
24. Nagy, I.B., Varga, I., Hudecz, F.: Preparation method of In(III)-labeled DTPA-peptides purified by 8-hydroxy quinoline. *Analytical Biochemistry* 287: 17-24 (2000)
25. Nardai, G., Sass, B., Eber, J., Orosz, Gy., Csermely, P.: Reactive Cysteines in the 90 kDa Heat Shock Protein, Hsp90. *Archives of Biochemistry and Biophysics* 384: 59-67 (2000)
26. Nishiuchi, Y., Nishio, H., Inui, T., Bódi, J., Kimura, T.: Combined solid-phase and solution approach for the synthesis of large peptides or proteins. *J. Peptide Science* 6: 84-93 (2000)
- \*27. Prohászka, Z., Uray, K., Duba, J., Hudecz, F., Füst, G.: Epitope analysis of anti-60 kD-heat-shock-proteins (hsp60) antibodies in sera of patients with cardiovascular disease (CHD). *Immunology Letters* 73: 141 (2000)
- \*28. Reményi, J., Hegedűs, T., Sarkadi, B., Hudecz, F.: Effect of a daunomycin-polypeptide conjugate in multidrug resistant tumor cell lines. *Journal of Peptide Science* 6, 218 (2000)
- \*29. Süli-Vargha, H., Nádas, H., Mihala, N., Morandini, R., Ghanem, G.: Synthesis and biological activity of double cyclic RGD containing peptides. *Journal of Peptide Science* 6, 185 (2000)
30. Uray, K., Kajtár, J., Vass, E., Price, M.R., Hollósi, M., Hudecz, F.: Effect of D-amino acid substitution in a Mucin 2 epitope on mucin-specific monoclonal antibody recognition. *Archives of Biochemistry and Biophysics* 378: 25-32 (2000)
- \*31. Uray, K., Prohászka, Z., Bánhegyi, D., Füst, Gy., Hudecz, F.: Searching for linear antibody epitopes of hsp 60/65 heat shock proteins specific for HIV infection. *Journal of Peptide Science* 6, 186 (2000)
32. Várnagy, K., Sóvágó, I., Süli-Vargha, H., Sanna, D., Micera, G.: The effect of histidyl residues on the complexation of bis(imidazolyl) containing tripeptides with copper(II) ion. *Journal of Inorganic Biochemistry* 81: 35-41 (2000)
33. Wilkinson Katalin Andrea: A Mycobacterium tuberculosis 38 kDa and 16 kDa fehérjéiből származó funkcionális T sejt epitópok lokalizálása és szerkezeti módosítása szintetikus peptidek és elágazó láncú polipeptidek segítségével. *Kémiai Közlemények*, 377-380 (2000)
- \*34. Windberg, E., Jelic, D., Skribanek, Zs., Uray, K., Price, M.R., Sebestyén, F., Hudecz, F.: The role of flanking sequences in antibody recognition of PTGTQ epitope of mucin-2. *Journal of Peptide Science* 6, 210 (2000)