Renata Perlikowska

Lista publikacji
z dnia 31 października 2012

Publikacje w czasopismach

1. Fichna J., Socała K., Nieoczym D., Gach K., Perlikowska R., Janecka A., Wlaź P., 2013, ***The mu-opioid receptor-selective peptide antagonists, antanal-1 and antanal-2, produce anticonvulsant effects in mice***, *Prog Neuropsychopharmacol Biol Psychiatry* 40: 126-131
2. Fichna J., Perlikowska R., Wyrebska A., Gach K., do-Rego J.C., Toth G., Kluczyk A., Janecka A., 2011, ***Effect of 2',6'-dimethyl-L-tyrosine (Dmt) on pharmacological activity of cyclic endomorphin-2 and morphiceptin analogs***, *Bioorg Med Chem* 19(23): 6977–6981
3. Cravezic A., Fichna J., Gach K., Wyrebska A., Perlikowska R., Costentin J., Bonnet J.-J., Janecka A., do-Rego J.-C., 2011, ***Effect of potent endomorphin degradation blockers on analgesic and antidepressant-like responses in mice***, *Neuropharmacology* 61(6): 1229-1238
4. Perlikowska R., Fichna J., do-Rego J.-C., Gach K., Janecka A., 2012, ***Kinetic studies of novel inhibitors of endomorphin degrading enzymem***, *Med Chem Res* 21(7): 1445-1450
5. Perlikowska R., do-Rego J.-C., Cravezic A., Fichna J., Wyrebska A., Toth G., Janecka A., 2010, ***Synthesis and biological evaluation of cyclic endomorphin-2 analogs***, *Peptides* 31(2): 339-345
6. Perlikowska R., Fichna J., Wyrebska A., Poels J., Vanden Broeck J., Toth G., Storr M., do-Rego J.-C., Janecka A., 2010, ***Design, synthesis and pharmacological characterization of endomorphin analogs with non-cyclic amino acid residues in position 2***, *Basic Clin Pharmacol Toxicol* 106(2): 106-113
7. Fichna J., Perlikowska R., Gach K., do-Rego J.-C., Cravezic A., Janecka A., Storr M.A., 2010, ***The novel endomorphin degradation blockers Tyr-Pro-DClPhe-Phe-NH2 (EMDB-1) and Tyr-Pro-Ala-NH2 (EMDB-2) prolong endomorphin-2 action in rat ileum in vitro***, *Chemical Biology and Drug Design* 76(1): 77-81
8. Fichna J., Gach K., Perlikowska R., Cravezic A., Bonnet J.J., do-Rego J.-C., Janecka A., Storr M.A., 2010, ***Novel endomorphin analogs with antagonist activity at the mu opioid receptor in the gastrointestinal tract***, *Regul Pept* 162(1-3): 109-114
9. Janecka A., Perlikowska R., Gach K., Fichna J., Mazur A., Kruszyński R., Janecki T., Jankowski S., 2009, ***Structural studies of position 2 modified endomorphin-2 analogs by NMR spectroscopy and molecular modeling***, *Polish J Chem* 83: 1293-1307
10. Perlikowska R., Gach K., Fichna J., Toth G., Walkowiak B., do-Rego J.-C., Janecka A., 2009, ***Biological activity of endomorphin and [Dmt^{1}]endomorphin analogs with six-membered proline surrogates in position 2***, *Bioorg Med Chem* 17(11): 3789-3794
11. Perlikowska R, Fichna J, Janecka A., 2009, ***Endomorfiny- endogenne ligandy receptora opioidowego μ***, *Postępy Biochemii* 55: 388-394
12. Janecka A, Perlikowska R, Gach K, Wyrebska A, Fichna J., 2009, ***Development of opioid peptide analogs for pain relief***, *Curr Pharm Des* 16(9): 1126-1135
13. Janecka A, Staniszewska R, Gach K, Fichna J., 2008, ***Enzymatic degradation of endomorphins***, *Peptides* 29(11): 2066-2073
14. Fichna J., Gach K., Perlikowska R., Poels J., Vanden Broeck J., Szemraj J., Janecka A., 2008, ***Identification of endomorphin-1 and endomorphin-2 binding sites in human μ-opioid receptor by antisense oligonucleotide strategy***, *Chem Biol Drug Des* 72(6): 507-512
15. Staniszewska R., Fichna J., Gach K., Toth G., Poels J., Vanden Broeck J., Janecka A., 2008, ***Synthesis and biological activity of endomorphin-2 analogs incorporating piperidine-2-, 3- or 4-carboxylic acids instead of proline in position***, *Chem Biol Drug Des* 72(1): 91-94

16. Fichna J., do-Rego J.-C., Janecki T., Staniszewska R., Poels J., Vanden Broeck J., Costentin J., Schiller P.W., Janecka A., 2008, ***Novel highly potent mu-opioid receptor antagonist based on endomorphin-2 structure***, *Bioorg Med Chem Lett* 18(4): 1350-1353

17. Fichna J., Staniszewska R., Poels J., Vanden Broeck J., Janecka A., 2007, ***μ-Opioid receptor ligands lack receptor subtype selectivity in the aequorin luminescence-based calcium assay***, *Chem Biol Drug Des* 70(3): 247-253

18. Janecka A., Staniszewska R., Fichna J., 2007, **Endomorphin analogs**, Curr Med Chem 14(30): 3201-3208