

**JESPER HAEGGSTRÖM PUBLICATIONS 2008****Peer-reviewed original articles:**

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Martinez Molina, D., Cornvik, T., Eshaghi, S., Haeggström, J.Z., Nordlund, P. and Ignatushchenko Sabet, M.: A general engineering and screening strategy for membrane protein overexpression in *E. coli.*, *Protein Sci.*, **17(4)**:673-680, 2008.

Wetterholm, A., Eshaghi, S., Martinez Molina, D., Nordlund, P. and Haeggström, J.Z.: High-level expression, purification and crystallization of recombinant rat leukotriene C<sub>4</sub> synthase from the yeast *Pichia Pastoris*, *Prot. Expr & Purif.*, **60(1)**:1-6, 2008.

Kirkland, T.A., Adler, M., Bauman, J.G., Chen, M., Haeggström, J.Z., King, B., Kochanny, M.J., Liang, A.M., Mendoza, L., Phillips, G.B., Thunnissen, M.G.M., Trinh, L., Whitlow, M., Ye, B., Ye, H., Parkinson, J., Guilford, W.J.: Synthesis of glutamic acid analogs as potent inhibitors of leukotriene A<sub>4</sub> hydrolase. *Bioorg. Med. Chem.*, **16(9)**:4963-4983, 2008.

Sveinbjörnsson, B., Rasmuson, A., Baryawno, N., Wan, M., Pettersen, I., Ponthan, F., Orrego, A., Haeggström, J.Z., Johnsen, J.I., and Kogner, P.: Expression of enzymes and receptors of the leukotriene pathway in human neuroblastoma promotes tumor survival and provides target for therapy. *FASEB J.*, **22(10)**:3525-3536, 2008.

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Schramm, SI, Nagaev, IY, Sabirsh, A, Shevchenko, VP, Arkhipova, AS, Haeggström, JZ, Myasoedov, NF. Preparation of high specific activity tritium-labelled leukotriene B<sub>4</sub> suitable for radioligand binding assay. *J. Label. Compd. Radiopharm.* 51(1-2), 101-105, 2008.

Tholander, F., Muroya, A., Roques, B.-P., Fournié-Zaluski, M.-C., Thunnissen, M.G.M. and Haeggström, J.Z.. Structure-based dissection of the active site chemistry of leukotriene A<sub>4</sub> hydrolase; implications for M1 aminopeptidases and inhibitor design, *Chem Biol.*, **15**, 1-10, 2008.