

JESPER HAEGGSTRÖM PUBLICATIONS 2013**Peer-reviewed original articles:**

Lundström, S.L., Saluja, R., Adner, M., Haeggström, J.Z., Nilsson, G., Wheelock, C.E.: Lipid mediator metabolic profiling demonstrates differences in eicosanoid patterns in two phenotypically distinct mast cell populations. *J. Lipid Res.*, **54**(1):116-126, 2013.

Sun, J., Dahlén, B., Agerberth, B., and Haeggström, J.Z., The antimicrobial peptide LL-37 induces synthesis and release of cysteinyl-leukotrienes from human eosinophils – implications for asthma., *Allergy*, **68**(3):304-311, 2013.

Domeij, H., Hua, X., Su, J., Bäcklund, A., Yan, Z., Frostegård, A., Haeggström, J.Z., Modéer, T. and Frostegård, J. Annexin A5 inhibits atherogenic and proinflammatory effects of lysophosphatidylcholine, *Prostaglandins Other Lipid Mediat*, **106**:72-8.

Ahmad, S., Niegowski, D., Wetterholm, A., Haeggström, J.Z., Morgenstern, R., and Rinaldo-Matthis, A: Catalytic characterization of human microsomal glutathione S-transferase 2: identification of rate-limiting steps., *Biochemistry*, **52**(10):1755-64.

Dalli, J., Zhu, M., Vlassenko, N.A., Deng, B., Gao, F., Haeggström, J.Z., Petasis, N.A., and Serhan, C.N. The novel DHA-derived epoxide 13S,14S-epoxy-maresin is converted by human macrophages to maresin1 (MaR1), inhibits leukotriene A4 hydrolase and shifts macrophage phenotype. *FASEB J.*, **27**(7):2573-2583, 2013.

Salvado, D.M., Di Gennaro, A., Lindbom, L., Agerberth, A. and Haeggström J.Z.: Cathelicidin LL-37 induces angiogenesis via PGE₂-EP3 signaling in endothelial cells, *in vivo* inhibition by aspirin. *Arterioscler. Thromb. Vasc. Biol.*, **33**(8):1965-1972, 2013.

Lundström, S.L., Yang, J., Brannan, J.D., Haeggström, J.Z., Hammock, B.D., Nair, P., O'Byrne, P., Dahlén, S.E., and Wheelock, C.E.: Lipid mediator serum profiles in asthmatics significantly shift following dietary supplementation with omega-3 fatty acids. *Mol. Nutr. Food Res*, **57**(8):1378-89.

Review articles (peer-reviewed) and book chapters

Rinaldo-Matthis, A. and Haeggström, J.Z.: Zinc Leukotriene A₄ Hydrolase/Aminopeptidase Dual Activity. In: *Encyclopedia of Metalloproteins* (V. Uversky, R.H. Kretsinger & E.A. Permyakov eds), Springer, pp. 2449-2454, 2013.

Haeggström, J.Z.: Leukotriene A₄ hydrolase. In: *Handbook of Proteolytic Enzymes* (N.D. Rawlings, & G. Salvesen eds.), 3:rd Ed., Oxford, Elsevier, Ltd., pp. 468–472, 2013.

Haeggström, J.Z., and Hamberg, M.: Resolving resolvins. *Chem. Biol.*, **20**(2):138-140, 2013.