

## MAGNUS BÄCK PUBLICATIONS 2014

### Peer-reviewed articles

- 1: Petri MH, Laguna-Fernández A, Gonzalez-Diez M, Paulsson-Berne G, Hansson GK, Bäck M. The role of the FPR2/ALX receptor in atherosclerosis development and plaque stability. *Cardiovasc Res*; in press
- 2: Petri MH, Laguna-Fernandez A, Tseng C-N, Hedin U, Perretti M, Bäck M. Aspirin-triggered 15-epi-lipoxin A4 signals through FPR2/ALX in vascular smooth muscle cells and protects against intimal hyperplasia after carotid ligation. *Int J Cardiol* 2015; 179: 370-2
- 3: Bäck M, Avignon A, Stanke-Labesque F, Boegner C, Attalin V, Leprieur E, Sultan A. Leukotriene production is increased in abdominal obesity. *PLoS One*. 2014 Dec 1;9(12):e104593
- 4: Kwak BR, Bäck M, Bochaton-Piallat ML, Caligiuri G, Daemen MJ, Davies PF, Hoefler IE, Holvoet P, Jo H, Krams R, Lehoux S, Monaco C, Steffens S, Virmani R, Weber C, Wentzel JJ, Evans PC. Biomechanical factors in atherosclerosis: mechanisms and clinical implications. *Eur Heart J*. 2014;35(43):3013-3020.
- 5: Van Noolen L, Bäck M, Arnaud C, Rey A, Petri MH, Levy P, Faure P, Stanke-Labesque F. Docosahexaenoic acid supplementation modifies fatty acid incorporation in tissues and prevents hypoxia induced-atherosclerosis progression in apolipoprotein-E deficient mice. *Prostaglandins Leukot Essent Fatty Acids*. 2014;91(4):111-7.
- 6: Yin L, Lensmar C, Ingelsson E, Bäck M. Differential association of chronic obstructive pulmonary disease with myocardial infarction and ischemic stroke in a nation-wide cohort. *Int J Cardiol*. 2014;173:601
- 7: Bäck M, Powell WS, Dahlén SE, Drazen JM, Evans JF, Serhan CN, Shimizu T, Yokomizo T, Rovati GE. Update on leukotriene, lipoxin and oxeicosanoid receptors: IUPHAR Review 7. *Br J Pharmacol*. 2014;171(15):3551-74.
- 8: Capra V, Bäck M, Angiolillo DJ, Cattaneo M, Sakariassen KS. Impact of vascular thromboxane prostanoid receptor activation on hemostasis, thrombosis, oxidative stress, and inflammation. *J Thromb Haemost*. 2014;12(2):126-37.
- 9: Stanke-Labesque F, Pépin JL, Gautier-Veyret E, Lévy P, Bäck M. Leukotrienes as a molecular link between obstructive sleep apnoea and atherosclerosis. *Cardiovasc Res*. 2014;101(2):187-93