

## Publications

number of citations (as of 02/2016) in []

### Peer-reviewed, MPI Plön

Krause, L., Haubold, B., Börsch-Haubold, A.G. (2015) Social Exclusion Changes Histone Modifications H3K4me3 and H3K27ac in Liver Tissue of Wild House Mice. PLoS One, [DOI 10.1371/journal.pone.0133988](https://doi.org/10.1371/journal.pone.0133988)

Börsch-Haubold, A.G., Montero, I., Konrad, K., and Haubold, B. (2014) Genome-wide Quantitative Analysis of Histone H3 Lysine 4 Trimethylation in Wild House Mouse Liver: Environmental Change Causes Epigenetic Plasticity. PLoS One, [DOI 10.1371/journal.pone.0097568](https://doi.org/10.1371/journal.pone.0097568) [4]

### Peer-reviewed (up to 2000)

Boersch, A., Callingham, B.A., Lembeck, F., and Sharman, D.F. (1991) Enzymic oxidation of capsaicin. *Biochem. Pharmacol.* **41**, 1863-1869 [9]

Börsch-Haubold, A.G., Kramer, R.M., and Watson, S.P. (1995) Cytosolic phospholipase A<sub>2</sub> is phosphorylated in collagen- and thrombin-stimulated human platelets independent of protein kinase C and mitogen-activated protein kinase. *J. Biol. Chem.* **270**, 25885-25892 [109]

Börsch-Haubold, A.G., Kramer, R.M., and Watson, S.P. (1996) Inhibition of mitogen-activated protein kinase does not impair primary activation of human platelets. *Biochem. J.* **318**, 207-212 [65]

Kramer, R.M., Roberts, E.F., Ulm, S.L., Börsch-Haubold, A.G., Watson, S.P., Fisher, M.J., and Jakubowski, J.A. (1996) p38 Mitogen-activated protein kinase phosphorylates cytosolic phospholipase A<sub>2</sub> (cPLA<sub>2</sub>) in thrombin-stimulated platelets. Evidence that proline-directed phosphorylation is not required for mobilization of arachidonic acid by cPLA<sub>2</sub>. *J. Biol. Chem.* **271**, 27723-27729 [375]

Börsch-Haubold, A.G., Kramer, R.M., and Watson, S.P. (1997) Phosphorylation and activation of cytosolic phospholipase A<sub>2</sub> by 38-kDa mitogen-activated protein kinase in collagen-stimulated human platelets. *Eur. J. Biochem.* **245**, 751-759 [125]

Börsch-Haubold, A.G., Bartoli, F., Asselin, J., Dudler, T., Kramer, R.M., Apitz-Castro, R., Watson, S.P., and Gelb, M.H. (1998) Identification of the phosphorylation sites of cytosolic phospholipase A<sub>2</sub> in agonist-stimulated human platelets and HeLa cells. *J. Biol. Chem.* **273**, 4449-4458 [127]

Börsch-Haubold, A.G., Pasquet, S., and Watson, S.P. (1998) Direct inhibition of cyclooxygenase-1 and -2 by the kinase inhibitors SB 203580 and PD 98059. SB 203580 also inhibits thromboxane synthase. *J. Biol. Chem.* **273**, 28766-28772 [235]

Börsch-Haubold, A.G., Ghomashchi, F., Pasquet, S., Goedert, M., Cohen, P., Gelb, M.H., and Watson, S.P. (1999) Phosphorylation of cytosolic phospholipase A<sub>2</sub> in platelets is mediated by multiple stress-activated protein kinase pathways. *Eur. J. Biochem.* **265**, 195-203 [51]

Buschbeck, M., Ghomashchi, F., Gelb, M.H., Watson, S.P., Börsch-Haubold, A.G. (1999) Stress stimuli increase calcium-induced arachidonic acid release through phosphorylation of cytosolic phospholipase A<sub>2</sub>. *Biochem. J.* **344**, 359-366 [34]

Hefner, Y., Börsch-Haubold, A.G., Murakami, M., Wilde, J.I., Pasquet, S., Schieltz, D., Ghomashchi, F., Yates III, J.R., Armstrong, C.G., Paterson, A., Cohen, P., Fukunaga, R., Hunter, T., Kudo, I., Watson, S.P. and Gelb, M.H. (2000) Serine-727 phosphorylation and activation of cytosolic phospholipase A<sub>2</sub> by MNK1-related protein kinases. *J. Biol. Chem.* **275**, 37542-37551 [164]

### Review

Börsch-Haubold, A.G. (1998) Regulation of cytosolic phospholipase A<sub>2</sub> by phosphorylation. *Biochem. Soc. Transactions* **26**, 350-354 [21]

### Book Chapter

Gelb, M.G., Hefner, Y., Börsch-Haubold, A.G., Watson, S.P. (2001) Regulation of cytosolic phospholipase A<sub>2</sub> by phosphorylation, in: *Advances in Prostaglandin and Leukotriene Research*. Eds. B. Samuelson, R. Paoletti, G.C. Folco, E. Granström, and S. Nicosia; **16**, 85-88; Kluwer Academic Publishers, Boston, MA [11]

### Book Reviews

Börsch-Haubold, A. (2006) Success Strategies for Women in Science: A Portable Mentor. By Peggy A. Pritchard (ed.). *Science in School* **2**, 80-81

Börsch-Haubold, A. (2006) The Poison Paradox. Chemicals as Friends and Foes. By John Timbrell. *Science in School* **3**, 87

### **Public Understanding of Science**

Börsch, A. (1987) Selen, ein lebensnotwendiges Spurenelement. *Pharmazeutische Rundschau* **11**, 44-48

Börsch-Haubold, A. (2000) Rund um die Onkologie. *Apotheke aktuell* **8-9/2000**, 6

Börsch-Haubold, A. (2006) [Sleep and Learning](#). *Science in School*, **3**, 63-66

Börsch-Haubold, A. (2007) [Plant hallucinogens as magical medicines](#). *Science in School*, **4**, 50-55

Börsch-Haubold, A. (2007) [Small molecules make scents](#). *Science in School*, **6**, 69-74

### **Invited Talks**

Xth Platelet Symposium, Bilthoven, The Netherlands; November 30 - December 2, 1995

Börsch-Haubold, A.G., and Watson, S.P.: Regulation of cytosolic phospholipase A<sub>2</sub> in thrombin- and collagen-stimulated human platelets through Ca<sup>2+</sup> and phosphorylation

Oxford Signalling Group, Oxford, UK; February 29, 1996

Börsch-Haubold, A.G.: Regulation of cytosolic phospholipase A<sub>2</sub> in human platelets

The Biochemical Society, 665th Meeting, University of Southampton, UK

March 31- April 2, 1998

Lipid Group Colloquium

Börsch-Haubold, A.G.: Regulation of cytosolic phospholipase A<sub>2</sub> by phosphorylation

7th Erfurt Conference on Platelets, European Platelet Group

June 29 - July 1, 1998

Börsch-Haubold, A.G., Bartoli, F., Asselin, J., Gelb, M.H., and Watson, S.P.: Phosphorylation of cytosolic phospholipase A<sub>2</sub> by stress-activated protein kinases

Workshop on Systems Biology, University of Lübeck

08.09.2011

Börsch-Haubold, A.G.: Epigenetic analysis of mice living under different environmental conditions