

Sandra Ceccatelli Publications 2012-2007

[Mercury toxicity.](#)

Rocha JB, Aschner M, Dórea JG, Ceccatelli S, Farina M, Silveira LC.
J Biomed Biotechnol. 2012;2012:831890.

[Inherited effects of low-dose exposure to methylmercury in neural stem cells.](#)

Bose R, Onishchenko N, Edoff K, Janson Lang AM, Ceccatelli S.
Toxicol Sci. 2012 Dec;130(2):383-90.

[Galanin and its three receptors in human pituitary adenoma.](#)

Tofighi R, Barde S, Palkovits M, Höög A, Hökfelt T, Ceccatelli S, Hulting AL.
Neuropeptides. 2012 Oct;46(5):195-201.

[Molecular hydrogen reduces LPS-induced neuroinflammation and promotes recovery from sickness behaviour in mice.](#)

Spulber S, Edoff K, Hong L, Morisawa S, Shirahata S, Ceccatelli S.
PLoS One. 2012;7(7):e42078.

[Strategies and tools for preventing neurotoxicity: to test, to predict and how to do it.](#)

Llorens J, Li AA, Ceccatelli S, Suñol C.
Neurotoxicology. 2012 Aug;33(4):796-804.

[Dickkopf 1 mediates glucocorticoid-induced changes in human neural progenitor cell proliferation and differentiation.](#)

Moors M, Bose R, Johansson-Haque K, Edoff K, Okret S, Ceccatelli S.
Toxicol Sci. 2012 Feb;125(2):488-95

[Non-dioxin-like polychlorinated biphenyls interfere with neuronal differentiation of embryonic neural stem cells.](#)

Tofighi R, Wan Ibrahim WN, Rebellato P, Andersson PL, Uhlén P, Ceccatelli S.
Toxicol Sci. 2011 Nov;124(1):192-201

[Neural stem cells for developmental neurotoxicity studies.](#)

Tofighi R, Moors M, Bose R, Ibrahim WN, Ceccatelli S.
Methods Mol Biol. 2011;758:67-80.

[Toxicology of alkylmercury compounds.](#)

Aschner M, Onishchenko N, Ceccatelli S.
Met Ions Life Sci. 2010;7:403-34.

[Effects of maternal smoking and exposure to methylmercury on brain-derived neurotrophic factor concentrations in umbilical cord serum.](#)

Spulber S, Rantamäki T, Nikkilä O, Castrén E, Weihe P, Grandjean P, Ceccatelli S.
Toxicol Sci. 2010 Oct;117(2):263-9.

[Prenatal exposure to PFOS or PFOA alters motor function in mice in a sex-related manner.](#)
Onishchenko N, Fischer C, Wan Ibrahim WN, Negri S, Spulber S, Cottica D, Ceccatelli S.
Neurotox Res. 2011 Apr;19(3):452-61.

[Methylmercury-induced neurotoxicity and apoptosis.](#)

Ceccatelli S, Daré E, Moors M.
Chem Biol Interact. 2010 Nov 5;188(2):301-8.

[Hippocampal neurons exposed to the environmental contaminants methylmercury and polychlorinated biphenyls undergo cell death via parallel activation of calpains and lysosomal proteases.](#)

Tofighi R, Johansson C, Goldoni M, Ibrahim WN, Gogvadze V, Mutti A, Ceccatelli S.
Neurotox Res. 2011 Jan;19(1):183-94.

[Glucocorticoids induce long-lasting effects in neural stem cells resulting in senescence-related alterations.](#)

Bose R, Moors M, Tofighi R, Cascante A, Hermanson O, Ceccatelli S.
Cell Death Dis. 2010 Nov 4;1:e92.

[Interleukin-7 \(IL-7\) and IL-7 splice variants affect differentiation of human neural progenitor cells.](#)

Moors M, Vudattu NK, Abel J, Krämer U, Rane L, Ulfig N, Ceccatelli S, Seyfert-Margolies V, Fritsche E, Maeurer MJ.
Genes Immun. 2010 Jan;11(1):11-20.

[Expression of p-Akt in sensory neurons and spinal cord after peripheral nerve injury.](#)

Shi TJ, Huang P, Mulder J, Ceccatelli S, Hokfelt T.
Neurosignals. 2009;17(3):203-12.

[Single step determination of PCB 126 and 153 in rat tissues by using solid phase microextraction/gas chromatography-mass spectrometry: Comparison with solid phase extraction and liquid/liquid extraction.](#)

Poli D, Caglieri A, Goldoni M, Castoldi A, Coccini T, Roda E, Vitalone A, Ceccatelli S, Mutti A.
J Chromatogr B Analyt Technol Biomed Life Sci. 2009 Mar 15;877(8-9):773-83.

[Voltage-dependent anion channels \(VDAC\) in the plasma membrane play a critical role in apoptosis in differentiated hippocampal neurons but not in neural stem cells.](#)

Akanda N, Tofighi R, Brask J, Tamm C, Elinder F, Ceccatelli S.
Cell Cycle. 2008 Oct;7(20):3225-34.

[Long-lasting depression-like behavior and epigenetic changes of BDNF gene expression induced by perinatal exposure to methylmercury.](#)

Onishchenko N, Karpova N, Sabri F, Castrén E, Ceccatelli S.
J Neurochem. 2008 Aug;106(3):1378-87.

[Neurodevelopmental toxicity of methylmercury: Laboratory animal data and their contribution to human risk assessment.](#)

Castoldi AF, Onishchenko N, Johansson C, Coccini T, Roda E, Vahter M, Ceccatelli S, Manzo L. Regul Toxicol Pharmacol. 2008 Jul;51(2):215-29.

[Human developmental neurotoxicity of methylmercury: impact of variables and risk modifiers.](#)

Castoldi AF, Johansson C, Onishchenko N, Coccini T, Roda E, Vahter M, Ceccatelli S, Manzo L. Regul Toxicol Pharmacol. 2008 Jul;51(2):201-14.

[Methylmercury inhibits differentiation of rat neural stem cells via Notch signalling.](#)

Tamm C, Duckworth JK, Hermanson O, Ceccatelli S. Neuroreport. 2008 Feb 12;19(3):339-43.

[Galanin decreases proliferation of PC12 cells and induces apoptosis via its subtype 2 receptor \(GalR2\).](#)

Tofighi R, Joseph B, Xia S, Xu ZQ, Hamberger B, Hökfelt T, Ceccatelli S. Proc Natl Acad Sci U S A. 2008 Feb 19;105(7):2717-22.

[Caspase-2 activation in neural stem cells undergoing oxidative stress-induced apoptosis.](#)

Tamm C, Zhivotovsky B, Ceccatelli S. Apoptosis. 2008 Mar;13(3):354-63.

[Methylmercury at low doses modulates the toxicity of PCB153 on PC12 neuronal cell line in asynchronous combination experiments.](#)

Goldoni M, Caglieri A, Poli D, Vettori MV, Ceccatelli S, Mutti A. Food Chem Toxicol. 2008 Feb;46(2):808-11.

[Mitochondrial-mediated apoptosis in neural stem cells exposed to manganese.](#)

Tamm C, Sabri F, Ceccatelli S. Toxicol Sci. 2008 Feb;101(2):310-20.

[Mechanisms and modulation of neural cell damage induced by oxidative stress.](#)

Ceccatelli S, Tamm C, Zhang Q, Chen M. Physiol Behav. 2007 Sep 10;92(1-2):87-92.

[Neurobehavioural and molecular changes induced by methylmercury exposure during development.](#)

Johansson C, Castoldi AF, Onishchenko N, Manzo L, Vahter M, Ceccatelli S. Neurotox Res. 2007 Apr;11(3-4):241-60. Review.

[Developmental exposure to methylmercury alters learning and induces depression-like behavior in male mice.](#)

Onishchenko N, Tamm C, Vahter M, Hökfelt T, Johnson JA, Johnson DA, Ceccatelli S. Toxicol Sci. 2007 Jun;97(2):428-37.