**Publications Eric Ronken**

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**Scientific publications (full papers):**

1. Sphingosine-1-phosphate receptor 5 mediates the immune quiescence of the human brain endothelial barrier. R van Doorn, MA Lopes Pinheiro, G kooij, K Lakemn, B van het Hof, SM van der Pol, J van Horssen, P van der Valk, E van der Kam, **E Ronken**, A Reijerkerk, HE de Vries. J Neuroinflamm. 9: 133-148 (2012).

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3. Adaptations in pre- and post-synaptic 5HT1A receptor function and cocaine supersensitivity in serotonin transporter knock-out rats. JR Homberg, SF de Boer, HS Raaso, JD Olivier, M Verheul, **E Ronken**, AR Cools, BA Ellenbroek, ANM Schoffelmeer, LJ Vanderschuren, TJ de Vries, E Cuppen. Psychopharmacol 200: 367-380 (2008)

4. Protective effects of peroxiredoxin-1 at the injured blood brain barrier. G Schreibelt, J van Horssen, RF Haseloff, A Reijerkerk, SM van der Pol, O Nieuwenhuizen, E Krause, IE Blasig, CD Dijkstra, **E Ronken**, HE de Vries. Free Radic Biol Med 45:256-264 (2008)

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6. Reactive oxygen species alter brain endothelial tight junction dynamics via RhoA, PI3 kinase, and PKB signaling. G Schreibelt, G Kooij, A Reijerkerk, R Van Doorn, SI Gringhuis, S Van der Pol, BB Weksler, AI Romero, PO Couraud, J Piontek, IE Blasig, CD Dijkstra, **E Ronken**, HE De Vries. FASEB J 13: 3666-3676 (2007)

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8. In situ entry of oligonucleotides into brain cells can occur through a nucleic acid channel: options for effectuating antisense therapy in the brain. Shi F, Swinny J, **Ronken E**, Hoekstra D. Oligonucleotides 17: 123-133 (2007).

9.Neonatal basolateral amygdala lesions affect monoamine and cannabinoid brain systems in adult rats. H Bouwmeester, MAFM Gerrits, JG Roozemond, J Snapper, **E Ronken**, CG Kruse, HGM Westenberg, JM Van Ree. Neuropsychopharmacol, 1-13 (2006)

10. In vitro Characterization of SLV308 (7-[4-Methyl-1-Piperazinyl]-2(3H)-Benzoxazolone, Monohydrochloride): a Novel Partial Dopamine D2 and D3 Receptor Agonist and Serotonin 5-HT1A Receptor Agonist. JC Glennon, GJM van Scharrenburg, **E Ronken**, MB Hesselink, JH Reinders, M van der Neut, SK Long, RW Feenstra and AC McCreary. Synapse, 60:599-608 (2006)

11. Differential regulation of the CXCR2 chemokine network in rat brain trauma: implications for neuroimmune interactions and neuronal survival. A Vallès, L Grijpink-Ongering, FM de Bree, T Tuinstra,**E. E. Ronken** .Neurobiology of Disease 22: 312-322 (2006)

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