

## 1. BIBLIOMETRIC INFORMATION

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68 peer reviewed papers (61 original, 7 reviews)  
 2 accepted and 3 submitted papers (peer-reviewed journals)  
 5 book chapters, 1 editorial  
 > 90 published abstracts

## 2. SELECTED PUBLICATIONS

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- Sales AJ, Fogaça MV, Sartim AG, Pereira VS, Wegener G, Guimarães FS, **Joca SRL**. Cannabidiol Induces Rapid and Sustained Antidepressant-Like Effects Through Increased BDNF Signaling and Synaptogenesis in the Prefrontal Cortex. *Mol Neurobiol*. 2018 Jun 4. doi: 10.1007/s12035-018-1143-4. [Epub ahead of print]
- Diniz CRAF, Becari C, Lesnikova A, Biojone C, Salgado MCO, Salgado HC, Resstel LBM, Guimarães FS, Castrén E, Casarotto PC, **Joca SRL**. Elastase-2 Knockout Mice Display Anxiogenic- and Antidepressant-Like Phenotype: Putative Role for BDNF Metabolism in Prefrontal Cortex. *Mol Neurobiol*. 2018 Aug;55(8):7062-7071.
- Diniz CRAF, Casarotto PC, Resstel L, **Joca SRL**. Beyond good and evil: A putative ontinuum-sorting hypothesis for the functional role of proBDNF/BDNF-Propeptide/mBDNF in antidepressant treatment. *Neurosci Biobehav Rev*. 2018 Jul; 90:70-83.
- Diniz CRAF, Casarotto PC, Fred SM, Biojone C, Castrén E, **Joca SRL**. Antidepressant-like effect of losartan involves TRKB transactivation from angiotensin receptor type 2 (AGTR2) and recruitment of FYN. *Neuropharmacology*. 2018 Jun;135:163-171.
- Karpova NN, Sales AJ, **Joca SR**. Epigenetic Basis of Neuronal and Synaptic Plasticity. *Curr Top Med Chem*. 2017;17(7):771-793. Review.
- Joca SR**, Moreira FA, Wegener G. Atypical Neurotransmitters and the Neurobiology of Depression. *CNS Neurol Disord Drug Targets*. 2015;14(8):1001-11. Review.
- Pereira VS, Casarotto PC, Hiroaki-Sato VA, Sartim AG, Guimarães FS, **Joca SR**. Antidepressant- and anticomulsive-like effects of purinergic receptor blockade: involvement of nitric oxide. *Eur Neuropsychopharmacol*. 2013 Dec;23(12):1769-8.
- Montezuma K, Biojone C, Lisboa SF, Cunha FQ, Guimarães FS, **Joca SR**. Inhibition of iNOS induces antidepressant-like effects in mice: pharmacological and genetic evidence. *Neuropharmacology*. 2012 Jan;62(1):485-91.
- Sales AJ, Biojone C, Terceti MS, Guimarães FS, Gomes MV, **Joca SR**. Antidepressant-like effect induced by systemic and intra-hippocampal administration of DNA methylation inhibitors. *Br J Pharmacol*. 2011 Nov;164(6):1711-21.
- Zanelati TV, Biojone C, Moreira FA, Guimarães FS, **Joca SR**. Antidepressant-like effects of cannabidiol in mice: possible involvement of 5-HT1A receptors. *Br J Pharmacol*. 2010 Jan;159(1):122-8.
- Resstel LB, Tavares RF, Lisboa SF, **Joca SR**, Corrêa FM, Guimarães FS. 5-HT1A receptors are involved in the cannabidiol-induced attenuation of behavioural and cardiovascular responses to acute restraint stress in rats. *Br J Pharmacol*. 2009 Jan;156(1):181-8.
- Joca SR**, Ferreira FR, Guimarães FS. Modulation of stress consequences by hippocampal monoaminergic, glutamatergic and nitrenergic neurotransmitter systems. *Stress*. 2007 Aug;10(3):227-49. Review. PubMed PMID: 17613938.