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189. Ruiz-Iratorza G, Lima F, Alves J, Khamashta MA, Simpson J, Hughes GR, Buchanan NM. Increased rate of lupus flare during pregnancy and the puerperium: a prospective study of 78 pregnancies. *Br J Rheumatol* 1996;35:133-8.
190. Bergink V, Burgerhout KM, Weigelt K, Pop VJ, de Wit H, Drexhage RC, Kushner SA, Drexhage HA. Immune system dysregulation in first-onset postpartum psychosis. *Biol Psychiatry* 2013;73:1000-7.
191. Chiu CT, Wang Z, Hunsberger JG, Chuang DM. Therapeutic potential of mood stabilizers lithium and valproic acid: beyond bipolar disorder. *Pharmacol Rev* 2013;65:105-42.
192. Nassar A, Azab AN. Effects of Lithium on Inflammation. *ACS Chem Neurosci* 2014;5:451-8.
193. Quiroz JA, Machado-Vieira R, Zarate CA Jr, Manji HK. Novel insights into lithium's mechanism of action: neurotrophic and neuroprotective effects. *Neuropsychobiology* 2010;62:50-60.
194. Albayrak A, Halici Z, Polat B, Karakus E, Cadirci E, Bayir Y, Kunak S, Karcioğlu SS, Yigit S, Unal D, Atamanalp SS. Protective effects of lithium: a new look at an old drug with potential antioxidative and anti-inflammatory effects in an animal model of sepsis. *Int Immunopharmacol* 2013;16:35-40.
195. Bosetti F, Rintala J, Seemann R, Rosenberger TA, Contreras MA, Rapoport SI, Chang MC. Chronic lithium downregulates cyclooxygenase-2 activity and prostaglandin E (2) concentration in rat brain. *Mol Psychiatry* 2002;7:845-50.
196. Chang MC, Jones CR. Chronic lithium treatment decreases brain phospholipase A2 activity. *Neurochem Res* 1998;23:887-92.
197. Dong H, Zhang X, Dai X, Lu S, Gui B, Jin W, Zhang S, Zhang S, Qian Y. Lithium ameliorates lipopolysaccharide-induced microglial activation via inhibition of toll-like receptor 4 expression by activating the PI3K/Akt/FoxO1 pathway. *J Neuroinflammation* 2014;11:140.
198. Green HF, Nolan YM. GSK-3 mediates the release of IL-1beta, TNF-alpha and IL-10 from cortical glia. *Neurochem Int* 2012;61:666-71.
199. Nahman S, Belmaker RH, Azab AN. Effects of lithium on lipopolysaccharide-induced inflammation in rat primary glia cells. *Innate Immun* 2012;18:447-58.
200. Boufidou F, Nikolaou C, Alevizos B, Liappas IA, Christodoulou GN. Cytokine production in bipolar affective disorder patients under lithium treatment. *J Affect Disord* 2004;82:309-13.
201. Rapaport MH, Manji HK. The effects of lithium on *ex vivo* cytokine production. *Biol Psychiatry* 2001;50:217-24.
202. Rapaport MH, Guylai L, Whybrow P. Immune parameters in rapid cycling bipolar patients before and after lithium treatment. *J Psychiatr Res* 1999;33:335-40.
203. Bosetti F, Weerasinghe GR, Rosenberger TA, Rapoport SI. Valproic acid down-regulates the conversion of arachidonic acid to eicosanoids via cyclooxygenase-1 and -2 in rat brain. *J Neurochem* 2003;85:690-6.
204. Himmerich H, Bartsch S, Hamer H, Mergl R, Schonherr J, Petersein C, Munzer A, Kirkby KC, Bauer K, Sack U. Impact of mood stabilizers and antiepileptic drugs on cytokine production *in-vitro*. *J Psychiatr Res* 2013;47:1751-9.
205. Himmerich H, Bartsch S, Hamer H, Mergl R, Schonherr J, Petersein C, Munzer A, Kirkby KC, Bauer K, Sack U. Modulation of cytokine production by drugs with antiepileptic or mood stabilizer properties in anti-CD3- and anti-Cd40-stimulated blood *in vitro*. *Oxid Med Cell Longev* 2014;2014:806162.
206. Al-Amin MM, Nasir Uddin MM, Mahmud Reza H. Effects of antipsychotics on the inflammatory response system of patients with schizophrenia in peripheral blood mononuclear cell cultures. *Clin Psychopharmacol Neurosci* 2013;11:144-51.
207. Bian Q, Kato T, Monji A, Hashioka S, Mizoguchi Y, Horikawa H, Kanba S. The effect of atypical antipsychotics, perospirone, ziprasidone and quetiapine on microglial activation induced by interferon-gamma. *Prog Neuropsychopharmacol Biol Psychiatry* 2008;32:42-8.
208. Chen ML, Wu S, Tsai TC, Wang LK, Tsai FM. Regulation of macrophage immune responses by antipsychotic drugs. *Immunopharmacol Immunotoxicol* 2013;35:573-80.
209. de Witte L, Tomasik J, Schwarz E, Guest PC, Rahmoune H, Kahn RS, Bahn S. Cytokine alterations in first-episode schizophrenia patients before and after antipsychotic treatment. *Schizophr Res* 2014;154:23-9.
210. Hu X, Zhou H, Zhang D, Yang S, Qian L, Wu HM, Chen PS, Wilson B, Gao HM, Lu RB, Hong JS. Clozapine protects dopaminergic neurons from inflammation-induced damage by inhibiting microglial overactivation. *J Neuroimmune Pharmacol* 2012;7:187-201.
211. Kato T, Monji A, Hashioka S, Kanba S. Risperidone significantly inhibits interferon-gamma-induced microglial activation *in vitro*. *Schizophr Res* 2007;92:108-15.
212. Li H, Hong W, Zhang C, Wu Z, Wang Z, Yuan C, Li Z, Huang J, Lin Z, Fang Y. IL-23 and TGF-beta1 levels as potential predictive biomarkers in treatment of bipolar I disorder with acute manic episode. *J Affect Disord* 2015;174:361-6.
213. Maes M, Bosmans E, Kenis G, De Jong R, Smith RS, Meltzer HY. *In vivo* immunomodulatory effects of clozapine in schizophrenia. *Schizophr Res* 1997;26:221-5.
214. Maes M, Delange J, Ranjan R, Meltzer HY, Desnyder R, Cooremans W, Scharpe S. Acute phase proteins in schizophrenia, mania and major depression: modulation by psychotropic drugs. *Psychiatry Res* 1997;66:1-11.
215. Pollmacher T, Hinze-Selch D, Mullington J. Effects of clozapine on plasma cytokine and soluble cytokine receptor levels. *J Clin Psychopharmacol* 1996;16:403-9.
216. Roge R, Moller BK, Andersen CR, Correll CU, Nielsen J. Immunomodulatory effects of clozapine and their clinical implications: what have we learned so far? *Schizophr Res* 2012;140:204-13.
217. Zhang XY, Zhou DF, Shen YC, Zhang PY, Zhang WF, Liang J, Chen da C, Xiu MH, Kosten TA, Kosten TR. Effects of risperidone and haloperidol on superoxide dismutase and nitric oxide in schizophrenia. *Neuropharmacology* 2012;62:1928-34.
218. Ayorech Z, Tracy DK, Baumeister D, Giaroli G. Taking the fuel out of the fire: evidence for the use of anti-inflammatory agents in the treatment of bipolar disorders. *J Affect Disord* 2015;174C: 467-78.
219. Berk M, Dean O, Drexhage H, McNeil JJ, Moylan S, O'Neil A, Davey CG, Sanna L, Maes M. Aspirin: a review of its neurobiological properties and therapeutic potential for mental illness. *BMC Med* 2013;11:74.
220. Magalhaes PV, Dean OM, Bush AI, Copolov DL, Malhi GS, Kohlmann K, Jeavons S, Schapkaiz I, Anderson-Hunt M, Berk M. A preliminary investigation on the efficacy of N-acetyl cysteine for mania or hypomania. *Aust N Z J Psychiatry* 2013;47:564-8.
221. McNamara RK, Lotrich FE. Elevated immune-inflammatory signaling in mood disorders: a new therapeutic target? *Expert Rev Neurother* 2012;12:1143-61.
222. Nery FG, Monkul ES, Hatch JP, Fonseca M, Zunta-Soares GB, Frey BN, Bowden CL, Soares JC. Celecoxib as an adjunct in the treatment of depressive or mixed episodes of bipolar disorder: a double-blind, randomized, placebo-controlled study. *Hum Psychopharmacol* 2008;23:87-94.
223. Begemann M, Sargin D, Rossner MJ, Bartels C, Theis F, Wichert SP, Stender N, Fischer B, Sperling S, Stawicki S, Wiedl A, Falkai P, Nave KA, Ehrenreich H. Episode-specific differential gene expression of peripheral blood mononuclear cells in rapid cycling supports novel treatment approaches. *Mol Med* 2008;14:546-52.
224. Guloksuz S, Altinbas K, Aktas Cetin E, Kenis G, Bilgic Gazioglu S, Deniz G, Oral ET, van Os J. Evidence for an association between tumor necrosis factor-alpha levels and lithium response. *J Affect Disord* 2012;143:148-52.
225. Soczynska JK, Kennedy SH, Goldstein BI, Lachowski A, Woldeyohannes HO, McIntyre RS. The effect of tumor necrosis factor antagonists on mood and mental health-associated quality of life: novel hypothesis-driven treatments for bipolar depression?

- Neurotoxicology* 2009;30:497-521.
226. Brietzke E, Scheinberg M, Lafer B. Therapeutic potential of interleukin-6 antagonism in bipolar disorder. *Med Hypotheses* 2011;76:21-3.
227. Franchini L, Zanardi R, Smeraldi E, Gasperini M. Early onset of lithium prophylaxis as a predictor of good long-term outcome. *Eur Arch Psychiatry Clin Neurosci* 1999;249:227-30.
228. Kessing LV, Andersen PK, Mortensen PB. Predictors of recurrence in affective disorder. A case register study. *J Affect Disord* 1998;49:101-8.
229. Rosa AR, Magalhaes PV, Czepielewski L, Sulzbach MV, Goi PD, Vieta E, Gama CS, Kapczinski F. Clinical staging in bipolar disorder: focus on cognition and functioning. *J Clin Psychiatry* 2014;75:e450-6.
230. Roy-Byrne P, Post RM, Uhde TW, Porcu T, Davis D. The longitudinal course of recurrent affective illness: life chart data from research patients at the NIMH. *Acta Psychiatr Scand Suppl* 1985;317:1-34.
231. Scott J, Paykel E, Morriss R, Bentall R, Kinderman P, Johnson T, Abbott R, Hayhurst H. Cognitive-behavioural therapy for severe and recurrent bipolar disorders: randomised controlled trial. *Br J Psychiatry* 2006;188:313-20.
232. Swann AC, Bowden CL, Calabrese JR, Dilsaver SC, Morris DD. Differential effect of number of previous episodes of affective disorder on response to lithium or divalproex in acute mania. *Am J Psychiatry* 1999;156:1264-6.
233. Berk M, Kapczinski F, Andreazza AC, Dean OM, Giorlando F, Maes M, Yucel M, Gama CS, Dodd S, Dean B, Magalhaes PV, Amminger P, McGorry P, Malhi GS. Pathways underlying neuroprogression in bipolar disorder: focus on inflammation, oxidative stress and neurotrophic factors. *Neurosci Biobehav Rev* 2011;35:804-17.
234. Berk M, Berk L, Dodd S, Cotton S, Macneil C, Daglas R, Conus P, Bechdolf A, Moylan S, Malhi GS. Stage managing bipolar disorder. *Bipolar Disord* 2014;16:471-7.