

Bicyclic antidepressants attenuate the immune response to

Mary Greer, Kevin Hernandez, Dr. Christian Simon,
Henry Ramirez, Maria Allen, Victor Bailey, Karen
Marquez, Judith Lee, Christina Lamb, Marco Ayers,
Sarah Shelton

Johns Hopkins Medicine

and have anti-inflammatory effects. We propose that BMP-1 and BMP-1 inhibitors are the appropriate agents for the treatment of RTH and HIF-1a. We thank Dr. G. Z. Han for CL leading the pharmacology research. References 1. Giusti M, Ziphi R, Wang Z, Zhang Y, et al. (2013) The immune response at home: an explanation of the mechanisms of cell migration in HIF-1a. *Biochem J* 106: 865–869. 2. Mu Y, Yao L, Ye R, Jil H, Li Y, et al. (2012) Mucosal cell migration at home in tumor cells, and the pathophysiology of RTH and HIF-1a in vitro. *Cell Res* 13: 1153–1163. 3. Ziphi R, Wang Z, Zhang Y, et al. (2013) Mucosal cellular migration at home and the pathophysiology of RTH and HIF-1a in vitro. *Cell Immunity* 15: 4. Zheng L, Li Y, Xue C, et al. (2013) Pathophysiology and potential therapeutic effects of BMP-1 inhibitors in RTH (and HIF-1a) and HIF-1a (and other bile ductal carcinoma cell lines). *Endocr Int* 137: 5. Jiang K, Zheng L, Xu Y, et al. (2011) Mucosal migration and migration into recomponents of HIF-1a. *Biochem J* 103: 309–310. 6. Lan A, Yu K, Ziphi R (2012) Endocrine regulation of HIF-1a migration into recomponents of HIV-1/AIDS and HIF-1a. *J Clin Invest* 95: 521–524. 7. Ziphi R, Wang Z, Zhang Y, Li Y, et al. (2011) The immune response at home in RTH and HIF-1a cells. *Mol Cell Res* 11: 1762–1765. 8. Zhang Y, Liu G, et al. (2012) Pathophysiology of RTH and HIF-1a in the stroma and epithelial cells of patients with rTH-infected patients. *N Engl J Med* 367: 129–133. 9. Liu G, et al. (2012) Pathophysiology of RTH and HIF-1a in the stroma and epithelial cells of patients with rTH-infected patients. *N Engl J Med* 369: 266–271. 10. Liu G, et al. (2011) Pathophysiology of RTH and HIF-1a in the stroma and epithelial cells of patients with rTH-infected patients. *N Engl J Med* 373: 11. Juliana J, Yvette CC, Abbas MD, et al. (2010) Transient invasion of RTH and HIF-1a in human mesenchymal stem cells. *Nature* 336: 514–522. 12. Liu G, et al. (2011) Pathophysiology of RTH and HIF-1a in human mesenchymal stem cells. *Nature* 350: 1–18. 13. Liu G, et al. (2011) Pathophysiology of RTH and HIF-1a in human mesenchymal stem cells. *Nature* 350: 9–20. 14. Liu G, et al. (2011) Pathophysiology of RTH and HIF-1a in human mesenchymal stem cells. *Nature* 350: 6–9. 15. Liu G, et al. (2011) Pathophysiology of RTH and HIF-1a in human mesenchymal stem cells. *Nature* 350: 8–12. 16. Liu G, et al. (2011) Pathophysiology of RTH and HIF-1a in human mesenchymal stem cells. *Nature* 344: 593–591. 17. Liu G, et al. (2011) Pathophysiology of RTH and HIF-1a in human mesenchymal stem cells. *Nature* 344: 11–12. 18. Liu G, et al. (2012) Pathophysiology of RTH and HIF-1a in human mesenchymal stem cells. *Nature* 344: 10–14. 19. Liu G, et al. (2012) Pathophysiology of RTH and HIF-1a in human mesenchymal stem cells. *Nature* 344: 13–17. 20. Liu G, et al. (