

References

1. Hogan BL. Bone morphogenetic proteins in development. *Curr Opin Genet Dev* 1996;6:432-8.
2. Harland R. Neural induction. *Curr Opin Genet Dev* 2000;10:357-62.
3. McMahon JA, Takada S, Zimmerman LB, Fan CM, Harland RM, McMahon AP. Noggin-mediated antagonism of BMP signaling is required for growth and patterning of the neural tube and somite. *Genes Dev* 1998;12:1438-52.
4. Kulesha H, Turk G, Hogan BL. Inhibition of Bmp signaling affects growth and differentiation in the anagen hair follicle. *EMBO J* 2000;19:6664-74.
5. Mabie PC, Mehler MF, Kessler JA. Multiple roles of bone morphogenetic protein signaling in the regulation of cortical cell number and phenotype. *J Neurosci* 1999;19:7077-88.
6. Lim DA, Tramontin AD, Trevejo JM, Herrera DG, Garcia-Verdugo JM, Alvarez-Buylla A. Noggin antagonizes BMP signaling to create a niche for adult neurogenesis. *Neuron* 2000;28:713-26.
7. Watt FM, Hogan BL. Out of Eden: stem cells and their niches. *Science* 2000; 287:1427-30.
8. Sasai Y, De Robertis EM. Ectodermal patterning in vertebrate embryos. *Dev Biol* 1997;182:5-20.
9. Furuta Y, Hogan BL. BMP4 is essential for lens induction in the mouse embryo. *Genes Dev* 1998;12:3764-75.
10. Sakuta H, Suzuki R, Takahashi H, Kato A, Shintani T, Iemura Si, et al. Vntroptin: a BMP-4 antagonist expressed in a double-gradient pattern in the retina. *Science* 2001;293:111-5.
11. Trousse F, Esteve P, Bovolenta P. Bmp4 mediates apoptotic cell death in the developing chick eye. *J Neurosci* 2001; 21:1292-301.
12. Dudley AT, Robertson EJ. Overlapping expression domains of bone morphogenetic protein family members potentially account for limited tissue defects in BMP7 deficient embryos. *Dev Dyn* 1997;208:349-62.
13. Sasaki T, Kawabata Y, Suzuki N, Tanaka H, Sano M, Kato S, et al. Decreased D2-40 immunoreactivity in stored paraffin sections and methods for preserving it. *Biotech Histochem* 2014;89:412-8.
14. Maruyama Y, Mikawa S, Hotta Y, Sato K. BMP4 expression in the developing rat retina. *Brain Res* 2006;1123:116-21.
15. Mikawa S, Wang C, Sato K. Bone morphogenetic protein-4 expression in the adult rat brain. *J Comp Neurol* 2006; 499:613-25.
16. Miyagi M, Mikawa S, Hasegawa T, Kobayashi S, Matsuyama Y, Sato K. Bone morphogenetic protein receptor expressions in the adult rat brain. *Neuroscience* 2011;176:93-109.
17. Miyagi M, Mikawa S, Sato T, Hasegawa T, Kobayashi S, Matsuyama Y, et al. BMP2, BMP4, noggin, BMPRIA, BMPRIB, and BMPRII are differentially expressed in the adult rat spinal cord. *Neuroscience* 2012;203:12-26.
18. Fischer AJ, Schmidt M, Omar G, Reh TA. BMP4 and CNTF are neuroprotective and suppress damage-induced proliferation of Muller glia in the retina. *Mol Cell Neurosci* 2004;27:531-42.
19. Liu J, Wilson S, Reh T. BMP receptor 1b is required for axon guidance and cell survival in the developing retina. *Dev Biol* 2003;256:34-47.
20. Wordinger RJ, Clark AF. Bone morphogenetic proteins and their receptors in the eye. *Exp Biol Med* 2007;232:979-92.
21. Faber SC, Robinson ML, Makarenkova HP, Lang RA. Bmp signaling is required for development of primary lens fiber cells. *Development* 2002;129: 3727-37.
22. Chang B, Smith R, Peter M, Savinova O, Hawes N, Zabaleta A, et al. Haploinsufficient BMP-4 ocular phenotypes include anterior segment dysgenesis with elevated intraocular pressure. *BMC Genet* 2001;2:1.

Non commercial use only