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- Thèse de Doctorat de l'Université de Poitiers, en juillet 1993
- Stage post-doctoral au National Institutes of Health (Bethesda, MD, USA) de novembre 1993 à janvier 1997
- Situation actuelle :
Maître de Conférences à l'Université de Poitiers
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Habilitation à Diriger des Recherches (HDR) soutenue en janvier 2005

Liste complète des publications :

1. **BERNARD M.**, VOISIN P., GUERLOTTE J. AND J.P. COLLIN (1991). Molecular and cellular aspects of hydroxyindole-O-methyltransferase expression in the developing chick pineal gland. *Dev. Brain Res.* **59** : 75-81.
2. GUERLOTTE J., VOISIN P., **BERNARD M.**, BRISSON P., FALCON J., BLASQUEZ J.L. AND COLLIN J.P. (1992). Long-term effects of constant light or darkness on chicken hydroxyindole-O-methyltransferase expression : biochemical and cellular aspects. *Cell. Mol. Neurobiol.* **12** : 177-184.
3. VOISIN P., GUERLOTTE J., **BERNARD M.**, COLLIN J.P. AND COGNE M. (1992). Molecular cloning and nucleotide sequence of a cDNA encoding hydroxyindole-O-methyltransferase from chicken pineal gland. *Biochem. J.* **282** : 571-576.
4. **BERNARD M.**, GUERLOTTE J., COGNE M., GREVE P., COLLIN J.P. AND VOISIN P. (1993). Transcriptional regulation of hydroxyindole-O-methyltransferase in the chicken pineal gland : day/night changes and long-term effects of light and darkness. *Biochem. J.* **290** :661-664.
5. GREVE P., **BERNARD M.**, VOISIN P., COGNE M., COLLIN J.P. AND GUERLOTTE J. (1993). Cellular localization of hydroxyindole-O-methyltransferase mRNA in the chicken pineal gland. *NeuroReport* **4** : 803-806.
6. PONTOIRE C., **BERNARD M.**, SILVAIN C., COLLIN J.P. AND VOISIN P. (1993). Characterization of melatonin binding sites in chicken and human intestines. *Eur. J. Pharmacol.* **247** :111-118.
7. **BERNARD M.**, DONOHUE S. AND KLEIN D.C. (1995). Human hydroxyindole-O-methyltransferase in pineal gland, retina and Y79 retinoblastoma cells. *Brain Res.* **696** : 37-48.
8. GUERLOTTE J., GREVE P., **BERNARD M.**, GRECHEZ-CASSIAU A., MORIN F., COLLIN J.P. AND VOISIN P. (1996). Hydroxyindole-O-methyltransferase in the chicken retina :

immunocytochemical localization and daily rhythm of mRNA. *Eur. J. Neurosci.* **8** : 710-715.

9. COON S.L., MAZURUK K., **BERNARD M.**, ROSEBOOM P.H., KLEIN D.C. AND RODRIGUEZ I.R. (1996). The human serotonin *N*-acetyltransferase (EC 2.3.1.87) gene : structure, chromosomal localization and tissue expression. *Genomics* **36** : 76-84.
10. **BERNARD M.**, VOISIN P. AND KLEIN D.C. (1996a). Hydroxyindole-*O*-methyltransferase in Y79 cells : regulation by serum. *Brain Res.* **727** : 118-124.
11. **BERNARD M.** AND KLEIN D.C. (1996b). Retinoic acid increases hydroxyindole-*O*-methyltransferase activity and mRNA in human Y-79 retinoblastoma cells. *J. Neurochem.* **67** : 1032-1038.
12. GREVE P., VOISIN P., GRECHEZ-CASSIAU A., **BERNARD M.**, COLLIN J.P. AND GUERLOTTE J. (1996). Circadian regulation of hydroxyindole-*O*-methyltransferase mRNA in the chicken pineal gland *in vivo* and *in vitro*. *Biochem. J.* **319** : 761-766.
13. **BERNARD M.**, IUVONE M., CASSONE V., ROSEBOOM P.H., COON S.L. AND KLEIN D.C. (1997a). Avian melatonin synthesis: photic and circadian regulation of serotonin *N*-acetyltransferase mRNA in the chicken pineal gland and retina. *J. Neurochem.* **68** : 213-224.
14. **BERNARD M.**, KLEIN D.C. AND ZATZ M. (1997b). Chick pineal clock regulates serotonin *N*-acetyltransferase mRNA rhythm in culture. *Proc. Natl. Acad. Sci. USA.* **94** : 304-309.
15. GRECHEZ-CASSIAU A., **BERNARD M.**, LADJALI K., RODRIGUEZ I.R. AND VOISIN P. (1998). Structural analysis of the chicken hydroxyindole-*O*-methyltransferase gene. *Eur. J. Biochem.* **258** : 44-52.
16. CHONG N.W., CASSONE V.M., **BERNARD M.**, KLEIN D.C. AND IUVONE P.M. (1998). Circadian expression of tryptophan hydroxylase mRNA in the chicken retina. *Mol. Brain Res.* **61** : 243-250.
17. GRÈVE P., ALONSO-GOMEZ A., **BERNARD M.**, MA M., HAQUE R., KLEIN D.C. AND IUVONE P.M. (1999). Serotonin *N*-acetyltransferase mRNA levels in photoreceptor-enriched chicken retinal cell cultures: elevation by cyclic AMP. *J. Neurochem.* **73** : 1894-1900.
18. CHONG N.W., **BERNARD M.** AND KLEIN D.C. (2000). Characterization of the chicken serotonin *N*-acetyltransferase gene: activation *via* clock gene heterodimer/Ebox interaction. *J. Biol. Chem.* **275** : 32991-32998.
19. **BERNARD M.**, DINET V. AND VOISIN P. (2001). Transcriptional regulation of the chicken hydroxyindole-*O*-methyltransferase gene by the cone-rod homeobox-containing protein. *J. Neurochem.* **79** : 248-257.
20. CAILLEAU V., **BERNARD M.**, MORIN F., GUERLOTTÉ J. AND VOISIN P. (2005). Differential regulation of melatonin-synthesis genes and phototransduction genes in embryonic chicken retina and cultured retinal precursor cells. *Mol. Vis.* **11** : 472-481.

21. DINET V., GIRARD-NAUD N., VOISIN P. AND **BERNARD M.** (2006). Melatonergic differentiation of retinal photoreceptors: activation of the chicken hydroxyindole-*O*-methyltransferase promoter requires a homeodomain-binding element that interacts with Otx2. *Exp. Eye Res.* **83** : 276-290.
22. **BERNARD M.** AND VOISIN P. (2008). Photoreceptor-specific expression, light-dependent localization and transcriptional targets of the zinc-finger protein Yin Yang 1 in the chicken retina. *J. Neurochem.* **105** : 595-604.
23. VOISIN P. AND **BERNARD M.** (2009). Cyclic AMP-dependent activation of rhodopsin gene transcription in cultured retinal precursor cells of chicken embryo. *J. Neurochem.* **110** : 318-327.
24. VOISIN P., CAILLEAU V., NAUD N., CANTEREAU A. AND **BERNARD M.** (2012). Visual photoreceptor subtypes in the chicken retina: melatonin-synthesizing activity and in vitro differentiation. *Cell Tissue Res.* **348** : 417-427.
25. VOISIN P AND **BERNARD M.** (2013). Cyclic AMP-dependent regulation of tyrosine hydroxylase mRNA and immunofluorescence levels in rat retinal precursor cells. *Cell Tissue Res.* **352** : 207-216.
26. DEJOS C., REGNACQ M., **BERNARD M.**, VOISIN P., BERGES T. (2013). The MFS-type efflux pump Flr1 induced by Yap1 promotes canthin-6-one resistance in yeast. *FEBS Lett.* **587** : 3045-3051.
27. **BERNARD M.**, DEJOS C., BERGES T., REGNACQ M. AND VOISIN P. (2014). Activation of rhodopsin gene transcription in cultured retinal precursors of chicken embryo: role of Ca²⁺ signalling and hyperpolarization-activated cation channels. *J. Neurochem.* . **129** : 85-98.