

Publications

Baudiffier D, Hinfray N, Ravaud C, Creusot N, Chadili E, Porcher JM, Schulz R, Brion F. “Effect of *in vivo* chronic exposure to clotrimazole on zebrafish testis function”, *Environmental Science and Pollution Research*. 2013, Jan 23. PMID: 23340899

Hinfray N, Nobrega RH, Caulier M, **Baudiffier D**, Maillot-Maréchal E, Chadili E, Palluel O, Porcher JM, Schulz R, Brion F “Cyp17 and Cyp19a1 enzymes localization in the adult zebrafish (*Danio rerio*) testis is differentially affected by estradiol”, *J Endocrinol*. 2013, Jan 2. PMID: 23283575

Baudiffier D, Hinfray N, Vosges M, Creusot N, Chadili E, Porcher JM, Schulz RW, Brion F. “A critical role of follicle-stimulating hormone (Fsh) in mediating the effect of clotrimazole on testicular steroidogenesis in adult zebrafish” *Toxicology*. 2012, Apr 28. PMID: 22564764

Hinfray N, **Baudiffier D**, Leal MC, Porcher JM, Aït-Aïssa S, Le Gac F, Schulz RW, Brion F. “Characterization of testicular expression of P450 17 α -hydroxylase, 17,20-lyase in zebrafish and its perturbation by the pharmaceutical fungicide clotrimazole”. *Gen Comp Endocrinol*. 2011, Sep 22. PMID: 21963961

Nélieu S, Bonnemoy F, Bonnet JL, Lefeuvre L, **Baudiffier D**, Heydorff M, Quéméneur A, Azam D, Ducrot PH, Lagadic L, Bohatier J, Einhorn J. “Ecotoxicological effects of diuron and chlorotoluron nitrate-induced photodegradation products: monospecific and aquatic mesocosm-integrated studies” *Environ Toxicol Chem*. 2010, Oct 7. PMID: 20931608

Communications in congresses

Baudiffier D., Hinfray N., Vosges M., Porcher JM., Schulz RW., Brion F. Characterization of the mode of action of the pharmaceutical clotrimazole on testicular steroidogenesis in zebrafish – *SETAC Europe, 6th world congress, 20-24 may, 2012, Berlin - Germany.*

Baudiffier D., Hinfray N., Porcher JM., Schulz R., Brion F. Characterization of the mode of action and effects of the pharmaceutical clotrimazole on testicular steroidogenesis in zebrafish *ANTIOPE congress, 19-20 march, 2012, Avignon - France.*

Baudiffier D., Hinfray N., Porcher JM., Brion F. Effect of azole fungicides on testicular steroidogenesis *in vivo* and *ex vivo* in zebrafish (*Danio rerio*). *SETAC Europe, 21st annual congress, 15-19 may, 2011, Milan - Italy.*

Baudiffier D., Hinfray N., Porcher J.M., Le Gac F., Schulz RW., Brion F. Effect of several azole fungicides on biosynthesis of androgen using an *ex vivo* zebrafish testis explants culture, *PRIMO, 16th congress, may, 2011, Long Beach – United States.*

Baudiffier D., Hinfray N., Porcher JM., Aït-Aïssa S., Le Gac F., Schulz RW., Brion F. Clotrimazole affects differently the zebrafish (*Danio rerio*) testicular steroidogenesis *in vivo* and *ex vivo*. *10th congress IPSEN, december, 2010, Paris - France.*

References

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