**Poster: Epoxidation is Preferred Way of First-stage Metabolism of Abiraterone Acetate in Brown Bullhead *(Ameiurus Nebulosus)***

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Abstract: Expected both primary (products of hydroxylation) and secondary (products of glucuronidation and sulphatation) metabolites of abiraterone acetate prodrug were identified in aquarium water containing excreted metabolites from brown bullhead *(Ameiurus nebulosus)* by means of HPLC/MS*.* NMR measurement of a prevailing metabolite presumed to be one of possible hydroxy-abiraterones discovered that it is not hydroxy-abiraterone but abiraterone-16,17-epoxide. Closer analysis of MS2 and MS3 spectra revealed that also some secondary metabolites are probably 16,17-epoxides.