Glucuronidation of Abiraterone and Its Pharmacologically Active Metabolites by UGT1A4, Influence of Polymorphic Variants and Their Potential as Inhibitors of Steroid Glucuronidation. Joanie Vaillancourt, Véronique Turcotte, Patrick Caron, Lyne Villeneuve, Louis Lacombe, Frédéric Pouliot, Éric Lévesque, and Chantal Guillemette ............... 75

This document is a page from the journal DRUG METABOLISM AND DISPOSITION. The main content includes articles on various topics related to drug metabolism and disposition, such as glucuronidation, pharmacokinetics, and mechanisms of drug transport. The cover article discusses the glucuronidation of abiraterone and its metabolites by UGT1A4 and their potential as inhibitors of steroid glucuronidation. The table of contents also includes articles on human cytochrome P450 1A1, organic cation transporter 1 (OCT1) substrates, N-oxygenation of oxycodone, and polarized localization of transporters in the blood-technoid barrier.

About the cover: The antiandrogen abiraterone and its metabolites are glucuronidated by UGT1A4 and inhibit steroid glucuronidation. See the article by Vaillancourt et al. (dx.doi.org/10.1124/dmd.119.088229).