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Cover Story

The leading story of this issue of *Drug Discovery Today*, by Bernard Testa, Alessandro Pedretti and Giulio Vistol offers an overview of the compared quantitative importance of biotransformation reactions in the metabolism of drugs and other xenobiotics, based on a meta-analysis of current research interests. The authors also assess the relative significance of the enzyme (super)families or categories catalysing these reactions. They put the facts unveiled by the analysis into a drug discovery context and draw some implications.

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