

# brief history of upcytes

## publications

- 2019 Korn *et al.* - Comparison of metabolic and mitogenic response *in vitro* of the rapid-acting insulin lispro product SAR342434  
Sanofi-Aventis Frankfurt
- 2019 López-Riera *et al.* - A novel microRNA signature for cholestatic drugs in human hepatocytes and its translation into novel circulating biomarkers for drug-induced liver injury patients  
University of Valencia
- 2019 Tolosa *et al.* - Long-term and mechanistic evaluation of drug-induced liver injury in upcyte human hepatocytes  
University of Valencia
- 2018 Schaefer *et al.* – Quantitative Expression of Hepatobiliary Transporters and Functional Uptake of Substrates in Hepatic 2D Sandwich-Cultures: A Comparative Evaluation of Upcyte and Primary Human Hepatocytes  
Boehringer Ingelheim Biberach (DMPK)
- 2017 Johaennig *et al.* - The formation of estrogen-like tamoxifen metabolites and their influence on enzyme activity and gene expression of ADME genes  
Margarete Fischer Bosch Institute of Clinical Pharmacology Stuttgart
- 2016 Tolosa *et al.* – human upcyte hepatocytes: characterization of the hepatic phenotype and evaluation for acute and long-term hepatotoxicity routine testing  
University of Valencia
- 2016 Schaefer *et al.* – upcyte® human hepatocytes: a potent *in vitro* tool for the prediction of hepatic clearance of metabolically stable compounds  
Boehringer Ingelheim Biberach (DMPK)
- 2015 Levy *et al.* – Nature Biotechnology (doi:10.1038/nbt.3377) long term culture and expansion of primary human hepatocytes  
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