



## **Dr. Whocely Victor de Castro**

Laboratory of Quality Control and Pharmacokinetics

Universidade Federal de São João Del-Rei (UFSJ), Avenida Sebastião Gonçalves Coelho, 400, Chanadour, CEP: 35501-295, Divinópolis, MG, Brazil

Email: whocely@ufs.edu.br

### **Qualifications**

2007, PostDoctoral, Pharmaceutical Sciences, University of Poitiers, Poitiers, France.

2006, Ph.D., Pharmaceutical Sciences, University of Florida, USA.

1998, M.S., Pharmaceutical sciences. Federal University of Minas Gerais, Brazil.

1993, B.S., Pharmacy, Federal University of Minas Gerais, Brazil.

### **Overview**

Dr De Castro's research is focused on biopharmacy and pre-clinical pharmacokinetics, particularly in investigating the mechanism of drug absorption, the role of membrane transporters on drug disposition, the relationship between drug polymorph and drug bioavailability, and the mechanism and relevance of herbal medicine-drug interactions. Dr. De Castro has expertise in cell culture (Caco-2, Calu-3, MDCK, PC-3) and animal models as well as, in chromatographic analyses. The lab offers support to other researchers interesting in the first pharmacokinetic insight about potential drug candidates.

### **Profile Details**

<http://lattes.cnpq.br/1897640132198333>

### **Last publications**

2018: Antimicrobial Agents and Chemotherapy. <http://dx.doi.org/10.1128/aac.00539-18>

2018: Electrophoresis. <http://dx.doi.org/10.1002/elps.201800165>

2018: Journal of Nanoparticle Research. <https://doi.org/10.1007/s11051-018-4280-9>

2018: Aquatic Toxicology. <https://doi.org/10.1016/j.aquatox.2018.06.018>

2017: European Journal of Clinical Pharmacology. <http://dx.doi.org/10.1007/s00228-017-2306-3>

2017: Food Chemistry. <https://doi.org/10.1016/j.foodchem.2017.08.110>

2016: Antimicrobial Agents and Chemotherapy. <http://dx.doi.org/10.1128/AAC.02317-15>

2016: Medicinal Chemistry Research. <https://doi.org/10.1007/s00044-016-1705-9>