

Sihem Bihorel, M.S., Pharm.D., Ph.D.

CONTACT INFORMATION

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CURRENT POSITIONS

- **Assistant Professor**
Center for Pharmacometrics & Systems Pharmacology. Department of Pharmaceutics. UF College of Pharmacy.
- **Adjunct Assistant Professor**
Department of Pharmaceutical Sciences. University at Buffalo, State University of New York (SUNY at Buffalo)

EDUCATION

2007-2010	Ph.D. SUNY at Buffalo & Paris-Descartes
2000-2006	Pharm.D. Paris-Descartes
2005-2006	M.S. Pharmacokinetics and Biopharmaceutics Paris-Descartes
2001-2002	M.S. Immunology and Human Genetics Paris-Descartes
2000-2001	B.S. Biomedical Sciences Paris-Descartes

PREVIOUS PROFESSIONAL APPOINTMENTS

2011-2015	Research Assistant Professor Department of Pharmaceutical Sciences, SUNY at Buffalo, NY, USA
2010-2011	Post-doctoral Associate Department of Pharmaceutical Sciences, SUNY at Buffalo, NY, USA Drs. Donald E. Mager & Robert M. Straubinger.
2007-2010	PhD Candidate Department of Pharmaceutical Sciences, SUNY at Buffalo, NY, USA. Dr. Wojciech Krzyzanski. SUNY at Buffalo & Pr. Jean-Michel Scherrmann. Paris-Descartes.
2006	Master of Science training course at the Department of Clinical Pharmacology Sanofi aventis R&D. Paris, France.
2004-2005	Pharmacy resident at Cochin Hospital - Paris 14th district, France <i>Jun-Sept</i> Department of Clinical Trials <i>Apr-May</i> Laboratory of Toxicology and Analytical Chemistry <i>Jan-Mar</i> Emergency Room and Reanimation <i>Sep-Dec</i> Department of Internal Medicine
2002-2005	Dispensation of drugs in chemist's shop
2001-2002	Master of Science training course at a research laboratory of infectious diseases Paris-Descartes
2000-2001	Bachelor of Science training course at a research laboratory of infectious diseases Paris-Descartes

TEACHING EXPERIENCE

- 1. 2011-2015**
Several course lectures in PHC at SUNY at Buffalo: 607/608/609/506/500/432/488-588
- 2. 2015-present**
Several course lectures and course co-coordinator in PHA at UF College of Pharmacy: 5127/5128/6125/ReTool

MENTORING ACTIVITIES

- Primary mentor of PhD students (Paris-Descartes, UF College of Pharmacy, SUNY at Buffalo)
- Primary mentor of Master students (SUNY at Buffalo)
- Primary mentor of PharmD students (Paris-Descartes, UF College of Pharmacy)
- Primary mentor of German interns with UF College of Pharmacy
- Primary mentor of Undergraduate Students Bachelor/Master (SUNY at Buffalo)
- Chair, co-chair, & committee member for PhD students (Paris-Descartes, UF College of Pharmacy, SUNY at Buffalo)
- Primary mentor of postdocs (SUNY at Buffalo, UF College of Pharmacy)
- Primary mentor of students from the ReTOOL Program: <http://retool.cop.ufl.edu/>

SELECTED AWARDS & HONORS

- July 2016** Prosper Excellence Award (UF College of Pharmacy)
Apr 2014 PhRMA foundation: starter research grant award in translational medicine and therapeutics
Aug 2013 Career development salary & research support package (SUNY at Buffalo)

SELECTED POSTER PRESENTATIONS

- 1. Ait-Oudhia Sihem.** A Platform PK/PD Model for Antibody-Drug Conjugates Induced Myelosuppression. 2016 PAGE Meeting Conference. Lisbon, Portugal. 2016.
- 2. Ait-Oudhia Sihem.** Multiscale systems pharmacology model for time sequence combination chemotherapy in breast cancer. AACR Annual Meeting. New Orleans. 2016.
- 3. Tanaya Ravindra Vaidya and Sihem Ait-Oudhia.** Development and Evaluation of Tri-Functional Lipid Nanoparticles for Treatment of HER2-Positive Breast Cancer Refractory to HER2 Therapy. ACCP Annual Meeting. Bethesda Maryland. September. 2016. ****Student Trainee Award**

SELECTED ORAL PRESENTATIONS

- 1.** The Evolving Role of Biomarkers in Quantitative Systems Pharmacology. Biomarkers & Diagnostics World Congress 2016. Philadelphia, PA. 2016.
- 2.** Proteomics Approaches for Identification & Validation of Predictive Biomarkers Applied to Translational Systems Pharmacology in Oncology. 6th International Conference & Exposition on Proteomics. Atlanta, Georgia. 2016.
- 3.** Model-based Identification of Predictors for Safety and Efficacy in Oncology. Burnett School of Medicine. University of Central Florida. Orlando, Florida. 2015.

PUBLICATIONS:

- **Pubmed:** <https://www.ncbi.nlm.nih.gov/pubmed/?term=ait-oudhia+s>
- **Researchgate:** https://www.researchgate.net/profile/Sihem_Ait-Oudhia/citations