



First and Last name: **Nasr SHRAIM**

Academic degree and position: **Assistant Professor, Ph.D.**

Specialty: **Pharmaceutical sciences / Pharmacokinetics**

Institution: **An-Najah National University - Faculty of Medicine and Health Sciences - Department of Pharmacy**

City and Country: **Nablus-Palestine**

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Biography:

**Dr. Nasr SHRAIM was born on February 10<sup>th</sup>, 1977 in Qaliliya, Palestine. In 2000, he graduated as a pharmacist from An-Najah National University, Nablus - Palestine. He got his M.Sc. in pharmaceutical sciences from the University of Jordan, Amman (2004). Then he was appointed at the School of Pharmacy at An-Najah National University as a full time lecturer. In 2009, Nasr got a scholarship from the Erasmus Mundus organization to do his Ph.D. He successfully defended his doctoral thesis in 2012 and obtained his Ph.D. from the Vrije Universiteit Brussel (VUB) - Belgium. Since August 2012, he is working as Assistant Professor at An-Najah National University - Faculty of Medicine and Health Sciences - Department of Pharmacy.**

Teaching courses:

- **Master program of Pharmaceutical Sciences: Pharmacokinetics.**
- **Master Program of Clinical Pharmacy: Clinical pharmacokinetics.**
- **Undergraduate pharmacy students: Biopharmaceutics and pharmacokinetics, clinical pharmacokinetics, pharmaceutical technology, drug metabolism, pharmaceutical calculations and physical pharmacy both theoretical and practical parts.**

Research interests:

- **Biopharmaceutics and Pharmacokinetics.**
- **Bioavailability and Bioequivalence studies.**
- **Clinical pharmacokinetics and therapeutic drug monitoring.**
- **PK/PD modeling.**
- **WinNonin analysis.**
- **Drug metabolism.**
- **Pharmacogenetics and Pharmacogenomics.**
- ***In vivo* intracerebral microdialysis and Stereotaxic surgery.**
- **Brain disposition and blood-brain barrier permeability of drug substances.**
- **Neurosciences.**
- **Targeted drug delivery.**
- **HPLC and bio-analytical method development and validation.**

Publications:

- **Naser Shraim**, Mérédis Favreau, Caljon Guy, Lahoutte Tony, Cavaliers Vicky, Yvette Michotte, Ann Van Eeckhaut & Ralph Clinckers. Combined microdialysis-micro SPECT/CT analysis to study the blood-brain barrier integrity following intracerebral implantation of three commercially available high cut-off microdialysis probes. *AAPS journal* (submitted)
- Al-Ghazawi M, Aburjai T, **Shraim N**, Bani-Jaber A and AbuRuz S (2012) Effect of licorice extract on the pharmacokinetics of ciprofloxacin in rabbits after oral administration using an improved high-performance liquid chromatography assay. *Jordan Journal of Pharmaceutical Sciences* **5 (2)**: 120-130.
- **Shraim N**, Clinckers R, Sarre S, Michotte Y and Van Eeckhaut A (2012) Determination of reboxetine in rat brain microdialysates and plasma samples using liquid chromatography coupled to fluorescence detection. *J Chromatogr B Analyt Technol Biomed Life Sci* **898**:53-61.
- **Shraim N**, Mertens B, Clinckers R, Sarre S, Michotte Y and Van Eeckhaut A (2011) Microbore liquid chromatography with UV detection to study the in vivo passage of compound 21, a non-peptidergic AT<sub>2</sub> receptor agonist, to the striatum in rats. *J Neurosci Methods* **202**:137-142.
- Sweileh WM, Sawalha AF, Zyoud SH, Al-Jabi SW and **Shraim NY** (2009) Prevalence of reduced renal function among diabetic hypertensive patients. *Int J Physiol Pathophysiol Pharmacol* **1**:41-47.

- Sweileh WM, Sawalha AF, Zyoud SH, Al-Jabil SW, Tameem EJ and **Shraim NY** (2009) Evaluation of antihypertensive therapy in diabetic hypertensive patients: impact of ischemic heart disease. *Pharmacy Practice (Internet)* **7(1)**:40- 46.