

Name: Souty Mouner Zaky Sharkawi

•Title: Assistant lecturer at Pharmacology& Toxicology Department, Faculty of Pharmacy, Beni-Suef University. Egypt

- Place of birth: Egypt**
- Birth Date: 12 march 1983.**
- Marital status: Married**
- Nationality: Egyptian**
- Languages: Arabic (native language) and English (excellent).**

Contacts:

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Education:

• Master of Pharmaceutical Sciences in Pharmacology& Toxicology at Faculty of Pharmacy, Beni-Sueif University, Egypt, 2012.

- Thesis title: “Pharmacological study of the possible protective effects of certain herbal plants against gastric and colon ulcer in experimental animals.”

• I was selected for training on my PhD at Rutgers University in United State of America from 16 December 2013 to 16 July 2014.

• **Bachelor of Pharmaceutical Sciences (Excellent with honors)** at Faculty of Pharmacy, Beni-Sueif University, Egypt, 2004.

List of principal subjects covered:

1. Microbiology, immunology and Biotechnology.
2. Basic and clinical Biochemistry
3. Pharmacology, Toxicology and Bioassay.
4. Clinical Pharmacy.
5. Pharmaceutics.
6. Pharmacognosy and Medicinal plant.
7. Pharmaceutical Organic Chemistry.
8. Pharmaceutical Analytical Chemistry.

-Studies applied for Ph D program in molecular pharmacology.

Professional appointments:

- **2012-present: Assistant lecturer and Research Assistant at the Department of Pharmacology& Toxicology, Faculty of Pharmacy, Beni-Sueif University, Egypt.**
- **2005-2012: Teaching, Demonstrating and Research Assistant at the Department of Pharmacology& Toxicology, Faculty of Pharmacy, Beni-Sueif University, Egypt.**

Research experience:

- Designed two models, pyloric ligation and ethanol, for bioassay anti-ulcer activity of certain herbal extracts in rats**
- Experimental validation of the gastro protective effects of Echinacea extract, Green tea extract and Boswellia extract on pyloric ligation-induced gastric ulcer in rats.**
- Experimental validation of the gastro protective effects of Echinacea extract, Green tea extract and Boswellia extract on ethanol-induced gastric ulcer in rats.**

-Experimental validation of the protective effects of Echinacea extract, Green tea extract and Boswellia extract on iodoacetamide-induced colon ulcer in rats.

-Characterized the mechanism of action of the above mentioned extracts on gastric and colon ulcers.

-Wrote a thesis encompassing my achievements in my master under the title of " Pharmacological study of the possible protective effects of certain herbal plants against gastric and colon ulcer in experimental animals"

-Published article covering these results (Prophylactic Role of Echinacea, Green Tea and Boswellia Extracts in Pyloric Ligation-Induced Gastric Ulcer in Rats).

-submitted article under the title of Prophylactic Role of Echinacea, Green Tea and Boswellia Extracts on Gastric and Colon Ulcer induced experimentally in Rats.

Teaching experience:

1-Teaching the following practical laboratory sessions for more than 7 years:

❖ Undergraduate Student

- Medical Terminology- for first year students.

- Clinical Pharmacology- for second year clinical department students.

- Pharmacology I& II for third year students.

-Pharmacology III, Bioassay and Toxicology- for fourth year students.

- Therapeutics and cases courses- for fifth year clinical department students.

❖ Postgraduate Student

-Practical course for postgraduate student.

2- Applied e-learning system by preparing interactive videos for teaching.

3-Designed the syllabus and prepared the course material of several practical courses including bioassay and toxicology.

5- Technical experience related to practical courses of bioassay and pharmacology:

-Preparing chemical reagents, laboratory supplies, and pre-laboratory assignments.

-Aiding students in conducting synthesis experiments.

-Assisting with setting up and designing student experiments, grading assignments, and proctoring exams.

-Assigning course grades, consulting with students during course hours and on an individual basis.

Skills:

General scientific computer skills including:

a) Citation manager Endnote.

b) Statistical programs (Prism and Instat)

Nonscientific computer skills including:

▪International Computer Driving License

- **-Windows: (98-ME-XP -7).**
- **-Office Applications: MS Office (Word / Excel / Access / Power point).**
 - **-Internet and Net Works (LAN)**

Communication skills:

- **Good communication skills gained through my experience as community pharmacist.**
- **Ability to organize with my team many different group activities, i.e. conferences and workshops.**
- **Working in a team to develop equipment at my department.**
- **Working under stress.**
- **Organized and self-motivated.**
- Rationalize my students to be hard workers.**