

Curriculum

-Personal information

Full Name:
Nationality:
Date of birth:
Place of birth:
E-Mail:

-Education:

-Professional occupations:

-Experience

Teaching experience :

Vitae



- **Ayat Ibrahim Samra Samra**
- **Egyptian**
- **22/4/1991**
- **Cairo**
- **dr.ayat.samra@gmail.com**

- **B. Pharm. Sci. (Faculty of Pharmacy, October 6 University, 2007-2012) Very Good Degree.**
- **Master Degree** in Pharmaceutical Sciences (Pharmacology and Toxicology Department, Cairo University, 2018)
M.Sc. Thesis title: “ Study on the potential hepatotherapeutic effect of S-allylcysteine against acetaminophen overdose–induced liver injury”.
- **PhD Degree** in Pharmaceutical Sciences (Pharmacology and Toxicology Department, Cairo University, 2024)
PhD. Thesis title: “ Study on the potential effect of a carotenoid derivative in experimentally-induced autism spectrum disorder”.
<https://www.mdpi.com/2227-9059/11/12/3156>

- **Teaching Assistant (Part-time)**
 1. Pharmacology and Toxicology Department, **October 6 University, 2012-2017.**
 2. Clinical pharmacy Department, **October 6 University, 2012-2017.**

- **Teaching** several practical courses related to pharmacology and toxicology
 - -Clinical Pharmacology -Poison and Drug Information
 - -Clinical pharmacy practice -PHARMACOLOGY 1
 - -Applied therapeutics -PHARMACOLOGY 2
 - -Toxicology -PHARMACOLOGY 3
 - -Bioassay

Research interest:

- Neuropharmacology
- Inflammation
- Biochemical signaling
- Neurotoxicological studies

Conferences:

- Poster Presentation “Study on the potential hepatotherapeutic effect of S-allyl cysteine against acetaminophen overdose-induced liver injury” at the 5th scientific conference of Faculty of Pharmacy Al-Azhar University, 13-15 September 2017.

Research and Statistical Analysis Programs:

- Graph Pad Prism analysis program for biostatistics analysis, scientific graphing, and curve fitting.
- Mendeley program to handle and share references as well full-text documents, and citations while writing thesis and articles.

Research Experience and Techniques:

- Experience in conducting neurobehavioral tasks (3 apparatuses) to evaluate cognitive, and psychiatric domains in rodents.
- Enzyme-linked immunosorbent assay (ELISA) technique.
- Induction of Autism spectrum disorder in pregnant rats using Valproic acid.
- Induction of Liver toxicity in rats using Acetaminophen overdose.

Teaching Experience and Skills:

- Delivered clear and logical lectures that help the students to understand the point of each lecture, as well as make the content easy to follow and recall.
- Expert in face-to-face environment, that is crucial to engage students with the course. This makes the course interesting and not only motivates student work, but it also promotes student success.
- Teaching & research experience, particularly in a laboratory environment.

Courses:

- TOEFL
- ICDL
- FDTC

Languages:

- **English**, very good at speaking, writing, and reading.

Computer skills:

- **Microsoft applications** (windows, word, excel, PowerPoint).
- **Internet and databases searching.**