

Zainab Sabry Othman Ahmed

Curriculum Vitae

PERSONAL DATA

- **Date of birth:** 10th September 1988
- **Place of birth:** Giza, Egypt
- **Citizenship:** Egypt
- **Email:** Zainab_sabry88@yahoo.com
- **Telephone:** +2 01093084062

EDUCATION

- **Currently:** Lecturer at Cytology and Histology department, Faculty of Veterinary Medicine, Cairo University. Just got my PhD degree in September 2018. PhD bench work was performed at Barbara Ann Karmanos Cancer Institute Departments of Oncology, School of Medicine, Wayne State University for 2 years (April 2016- May 2018).
- **PhD Cytology & Histology department, Cairo university, 2018**
Thesis title: Cell apoptosis and its relation to Cancer treatment.
The study was focusing on inhibition of the 19S proteasome as an effective strategy for cancer treatment by using chemical and natural inhibitors mainly isothiocyanates on the prostate and breast cancer cell lines, in addition to observation of the relation between proteasome inhibition and degradation of Androgen receptor especially androgen receptor variant 7 (AR-V7) which remains an

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important driver for the development of castration resistant prostate cancer (CRPC).

- **M.v.sc. Cytology & Histology department, Cairo University, 2013**
Thesis title: Some practical considerations on decalcification of different types of bone.
- **Bachelor of Veterinary Medicine, Cairo University, 2010.**

ACADEMIC POSITION

(2011- 2014): Demonstrator at Cytology and Histology department, Faculty of Veterinary Medicine, Cairo University.

(2014- October 2018): Assistant lecturer at Cytology and Histology department, Faculty of Veterinary Medicine, Cairo University.

(October 2018- currently): Lecturer at Cytology and Histology department, Faculty of Veterinary Medicine, Cairo University.

AREAS OF EXPERIENCE

- Cytology, Molecular biology, Endocrinology, Neurology, Histology and Physiology of different body tissues and systems.
- Bone decalcification techniques
- Oncology especially prostate and breast cancer cell lines; Cell culture, drug treatment, Cell viability assays especially MTT assay and staining assays and Western blotting. Also, androgen receptor expression particularly androgen receptor variant 7 (AR-V7) and its relation to deubiquitinating enzymes (DUBs) inhibition.

TRAINING COURSES

- Basic course of Time management- planning- Mind Mapping- communication skills and leadership with Zedney organization at the Faculty of Veterinary Medicine (2007).

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- Art of effective communication was taught by Dr: Ibrahim El- Fiky.
- Research Ethics at the faculty and leadership Development Center, Cairo University (FLDC).
- Communication skills, FLDC certificate.
- E- Learning, use of technology in teaching, FLDC certificate.
- Examination techniques and student evaluation, FLDC certificate.
- The credit hours system, FLDC certificate.
- Time Management at the Training Unit, Faculty of Veterinary Medicine, Cairo University.
- Training program for Equines Management at Al- Zahraa station for Arabian horses.

COMPUTER SKILLS

Certified in ICDL (PowerPoint, word, Excel)

LANGUAGE SKILLS AND OTHERS

- Excellent in Arabic (the mother language) and English.
- IELTS score in 2018 (6.5) and good score in GRE.

Publications

- **Zainab, S. Othman**; Moussa, M.H.G. and Mossallam, EL-S.M. (2014). Some practical considerations on decalcification of different types of bone. Journal of The Egyptian veterinary Medical Association 4 (74) 655- 668.

<http://scholar.cu.edu.eg/?q=zainab/publications/some-practical-considerations-decalcification-different-types-bones>

- **Ahmed ZSO**, Li X, Li F et al., Computational and biochemical studies of isothiocyanates as inhibitors of proteasomal cysteine deubiquitinases in human cancer cells.J Cell Biochem. 2018;1–11.

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<https://onlinelibrary.wiley.com/doi/epdf/10.1002/jcb.27157>

- Patel, K., Ahmed, Z.S., Huang, X., Yang, Q., Ekinci, E., Neslund-Dudas, C.M., Mitra, B., Elnady, F.A., Ahn, Y.H., Yang, H. and Liu, J., 2018. Discovering proteasomal deubiquitinating enzyme inhibitors for cancer therapy: lessons from rational design, nature and old drug reposition. *Future medicinal chemistry*, 10(17), pp.2087-2108.

<https://www.future-science.com/doi/abs/10.4155/fmc-2018-0091?journalCode=fmc>

- Stephanie Lucas, Claire Soave, Ghazal Nabil, Zainab Sabry Othman Ahmed, Guohua Chen, Hossny Awad El-Banna, Q. Ping Dou, Jian Wang.(2017). Pharmacological Inhibitors of NAD Biosynthesis as Potential Anticancer Agents. *Recent Pat Anticancer Drug Discov.* 2017;12(3):190-207.

<https://www.ncbi.nlm.nih.gov/pubmed/28637419>