Yara A. Samra (Yara Adel Rashad Elsayed Samra)

Lecturer of Biochemistry, Faculty of Pharmacy, Mansoura University, Egypt.

PhD student at Department of Ophthalmology and The Culver Vision Discovery Institute, Medical College of Georgia, Augusta University, Augusta, GA 30912, USA.

Member in ARVO (The Association for Research in Vision and Ophthalmology) USA.

Assistant lecturer of Biochemistry, Faculty of Pharmacy, Mansoura University, Egypt.

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Google scholar link
http://scholar.google.com.eg/citations?user=e0KxLuEAAAAJ&hl=en

Education:

- Ph.D. (Biochemistry), 2017:
  University of Mansoura, Mansoura, Egypt

  Dissertation: "Biochemical study of some compounds in inflammatory pathways in diabetic complications."

- M.Sc. (Biochemistry), 2014:
  University of Mansoura, Mansoura, Egypt

  Dissertation: "Evaluation of Serum Level of Human Epidermal Growth Factor Receptor-2 in Breast Cancer Patients: Correlation with Clinico-Pathological Parameters."

- B.Sc. (Pharmaceutical Sciences), 2011:

Faculty of Pharmacy, University of Mansoura, Mansoura, Egypt (Excellent, High Honor with grade 94.13%).

Employment and Responsibilities:

2017-present: Lecturer, Dept. of Biochemistry, Faculty of Pharmacy, Univ. of Mansoura, Mansoura, Egypt.

2014-2017: Assistant lecturer, Dept. of Biochemistry, Faculty of Pharmacy, Univ. of Mansoura, Mansoura, Egypt.

2011-2013: Demonstrator, Dept. of Biochemistry, Faculty of Pharmacy, Univ. of Mansoura, Mansoura, Egypt.

Teaching Experience:

Biochemistry courses, for undergraduate and graduate students.

A. Undergraduate:

1. Biochemistry: A standard course offered to the third year class, Faculty of Pharmacy.

2. Cell Biology: A basic course offered to the first level of clinical pharmacy program, Faculty of Pharmacy.

3. Biophysics: A basic course offered to the first level of clinical pharmacy program, Faculty of Pharmacy.

4. Clinical Biochemistry: A course offered to the fourth level of clinical pharmacy program, Faculty of Pharmacy.

5. Clinical Nutrition: A course offered to the fifth level of clinical pharmacy program, Faculty of Pharmacy.

B. Graduate:

1. Diploma of biochemical analysis: Provide the post-graduate students with a special and advanced education in the field of biochemistry sciences and enable

them to gain the skills and attributes required for the responsible practice of biochemistry field from the pharmaceutical view.

International publications:

1- Adenosine Deaminase-2-Induced Hyperpermeability in Human Retinal Vascular Endothelial Cells Is Suppressed by MicroRNA-146b-3p. Samra YA, Saleh HM, Hussein KA, Elsherbiny NM, Ibrahim AS, Elmasry K, Fulzele S, El-Shishtawy MM, Eissa LA, Al-Shabrawey M, Liou GI. Invest Ophthalmol Vis Sci. 2017 Feb 1; 58(2):933-943.

2- Adenosine deaminase-2-induced permeability increase in HRECs is suppressed by miR-146b-3p. Yara A Samra, Heba M Saleh, Khaled Hussein, Nehal M Elsherbiny, Ahmed Ibrahim, Sadanand Fulzele, Mamdouh M El-Shishtawy, Laila A Eissa, Mohamed Al-Shabrawey, Gregory Ing Liou. Investigative Ophthalmology & Visual Science. 2016 Sep 26; 57: 5424-5424.

3- Cepharanthine and Piperine ameliorate diabetic nephropathy in rats: role of NF-κB and NLRP3 inflammasome. Samra YA, Said HS, Elsherbiny NM, Liou GI, El-Shishtawy MM, Eissa LA. Life Sci. 2016 Jul 15; 157:187-99.

4- Evaluation of Serum Levels of HER2, MMP-9, Nitric Oxide, and Total Antioxidant Capacity in Egyptian Breast Cancer Patients: Correlation with Clinico-Pathological Parameters. Rashad YA, Elkhodary TR, El-Gayar AM, Eissa LA. Sci Pharm. 2013 Sep 22; 82(1):129-45.

Research Experience:

Experience in Biochemistry; in the areas of diabetes, cancer, molecular biology, tissue culture, clinical and experimental studies.

Research Interests:

1- Diabetic complications especially Diabetic nephropathy (DN) and diabetic retinopathy (DR).
2- Studying the role of inflammation in DR and DN.

3- The establishment of a viable research program to help in the development of natural sources drugs for cancer, diabetes and other diseases.
4- Use microRNAs in the treatment of different diseases.
5- To find novel markers that can help in early detection and follow up of cancer.

Channel mission:

Channel mission at Augutsa University, Augusta, Georgia, USA from March 2015 to July 2016.

International conferences:

2016 ARVO (The Association for Research in Vision and Ophthalmology) Annual Meeting in Seattle, Washington, USA, 1-5 May 2016.

Poster title: (Adenosine deaminase-2-induced permeability increase in HRECs is suppressed by miR-146b-3p)

Authors: Yara A. Samra, Heba M. Saleh, Khaled Hussein, Nehal M. Elsherbiny, Ahmed Ibrahim, Sadanand Fulzele, Mamdouh El-Shishtawy, Laila A. Eissa, Mohamed A. Al-Shabrawey, Gregory I. Liou).

Editorial & Advisory Boards:

The Editorial Board, “UK Journal of Pharmaceutical and Biosciences”, since 2014.