

HEBA ADEL ABD EL-HAMID BARAKAT
Assistant Professor of Biochemistry and Nutrition
Department of Biochemistry and Nutrition
Women's College for Arts, Science and Education
Ain Shams University, Cairo, Egypt

CURRICULUM VITAE

1-PERSONAL:

NAME: Heba Adel Abd El-Hamid Barakat.

CURREN ADDRESS: Women's College for Arts, Science and Education.
Ain Shams University, Cairo, Egypt.

CITIZENSHIP: Egyptian.

MARITAL STATUS: Married.

E-mail: dr_hebabarakat@yahoo.com

CURRENT POSITION: Professor of Biochemistry and Nutrition.
Women's College for Arts, Science and Education.
Ain Shams University, Cairo, Egypt.

2- ACADEMIC STUDIES:

1- Professor of Biochemistry and Nutrition.

Women's College, Ain Shams University, Cairo, Egypt, 2017.

2- Assistant Professor of Biochemistry and Nutrition.

Women's College, Ain Shams University, Cairo, Egypt, 2011.

3- Ph.D. in Biochemistry and Nutrition.

Women's College, Ain Shams University, Cairo, Egypt, 2005.

Thesis Title: “Effect of Excessive Dietary Methionine on Iron Metabolism and the Antioxidant Defense System in Rats.”

4- M.Sc. in Biochemistry and Nutrition.

Women’s College, Ain Shams University, Cairo, Egypt, 2000.

Thesis Title: “Study the Effect of Fatty Acids Isomeric Position on Absorption and Metabolism of Lipids.”

5- B.Sc. in Biochemistry and Nutrition.

Women’s College, Ain Shams University, Cairo, Egypt, 1996.

3- TEACHING EXPERIENCE:

1- Post graduate courses in the following areas:

1.1. Diploma of Analytical Biochemistry:

- Genetic disorders in biochemistry.
- Clinical biochemistry.
- Chemistry of tumor.

1.2. Master degree:

- Advanced macronutrients metabolism.

1.3. Ph.D.

- Disorders in macronutrients metabolism.
- Chemistry of tumor.

2- Under graduate courses in the following areas:

- Chemistry and Food Analysis.

- Foods.
- Organic Chemistry.
- Food Microbiology.
- Cell and cell chemistry.
- المسح و الإرشاد و مشكلات التغذية
- Molecular biology.
- Nutrition 1 & 2.
- Human nutrition 1 & 2.
- Search and essay.

3- Supervision of laboratory training in the following areas:

- Chemistry and Food Analysis.
- Foods.
- Organic Chemistry.
- Food Microbiology.
- Biochemistry.
- Analytical Chemistry.
- Cell and cell chemistry.
- Nutrition 1 & 2.
- Human nutrition 1 & 2.
- Basics of biochemistry.
- Microbiology.
- Bacteriology.

4- PROFESIONAL EXPERIENCE:

- Assistant professor of Biochemistry and Nutrition. Department of Biochemistry and Nutrition.
Women's College, Ain Shams University, Cairo, Egypt, 2011-Present.
- Lecturer, Department of Biochemistry and Nutrition.
Women's College, Ain Shams University, Cairo, Egypt, 2005-2011.
- Assistant lecturer, Department of Biochemistry and Nutrition.
Women's College, Ain Shams University, Cairo, Egypt, 2000-2004.
- Demonstrator, Department of Biochemistry and Nutrition.
Women's College, Ain Shams University, Cairo, Egypt, 1996-1999.

5- ACTIVITIES:

Joined in the following Symposiums and Seminars:

- 1- Training course on the development of African Women's skills in the field of "crafts, skills, foods and nutrition." 17 February- 8 March, 2007. Girl's College, Ain Shams University, Cairo, Egypt.
- 2- The 21st-Scientific Conference of the Egyptian Society of Toxicology. In collaboration with Girl's College (Zoology Department) Ain Shams University. 12-13 April 2006. Cairo, Egypt.
- 3- The 3rd International Conference on the "Environment and Health Safety." November 15-16, 2006. Mansoura University, Egypt.
- 4- The First Conference on Research for Development. Toward a Strategy for Application. Ain Shams University. 25-27 March 2007. Cairo, Egypt.
- 5- The Annual International Conference on "Human Genome: A Revolution in Modern Biochemistry and Molecular Biology." Guest House Ain Shams University. 22-23 April 2008. Cairo, Egypt.

- 6- The 3rd. International Conference on Natural Toxins. Guest House Ain Shams University. 16-18 December 2008. Cairo, Egypt.
- 7- The Annual Scientific Conference of the Egyptian Society of Biochemistry and Molecular Biology. Guest House Ain Shams University. 28-29 April 2009. Cairo, Egypt.
- 8- The 5th International Conference of the Egyptian Society of Environmental Toxicology. Beni Suef. Egypt. 28 December 2009.
- 9- The 29th Conference of the Egyptian Society of Basic Medical Sciences. Faculty of Medicine, Cairo University, Egypt. 11 March 2010.
- 10- The Annual Conference on Biochemistry and Molecular Biology ‘Present and Future’ Guest House Ain Shams University. 14-15 April 2010. Cairo, Egypt.
- 11- The 15th International Conference on "Clinical Nutrition." El-Sokhna, Egypt. 19-22 September 2010. Cairo, Egypt.
- 12- The 9th. International Conference of Medical Research Division of the National Research Center on “Nutrition and Health”. National Research Center, Cairo, Egypt. 20-22 December 2010.
- 13- The 19th. Conference of the Egyptian Society of the Anthropology Biological Sciences on “Obesity and Anthropology”. National Research Center, Cairo, Egypt. 5 May 2011.
- 14- The 10th. Annual Congress of Medical Sciences “Medical Research towards Healthy Society”. National Research Center, Cairo, Egypt. 14-16 January 2013.
- 15- The meeting of “Molecular Biochemistry in Clinical Practice” Kasr Alainy Faculty of Medicine, Cairo University. 30 March 2013.

- 16- The Annual Ain Shams University Scientific Conference “The University and Green Economy towards a New Culture of Sustainability” Ain Shams University. 21-24 April 2013.
- 17- The 58th Scientific Congress of the Egyptian Society of Clinical Chemistry “Laboratory Medicine and Gnostic Update” 27-28 November 2013.
- 18- The 11th Annual Congress of Medical Sciences “Medical Research between Theory and Applications: Challenges and Innovation”. National Research Center, Cairo, Egypt. 17-19 December 2013.
- 19- The 18th Pan Arab Conference on Diabetes 25-27 March 2014.
- 20- The 11th National Conference of Egyptian Society of Biochemistry and Molecular Biology “The diagnosis of diseases and health care” 30 March-1 April 2014.
- 21- The Annual Scientific Conference of the Egyptian Society of Biochemistry and Molecular Biology in collaboration with Egyptian Society of Tumor Markers Oncology “Molecular Biology and Malignancy Update”. 1-2 May 2014.
- 22- The 19th Pan Arab Conference on Diabetes 24-27 March 2015.