

Curriculum Vitae

Personal Information

Name: Rasha Mohamed Mohamed Hussein.

Place of Birth: Beni- Suef city, Egypt.

Date of Birth: 25/11/1982

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Degrees and Employment History:

2018- till now: Visiting assistant professor at College of Pharmacy, Mutah University, Jordan.

2014: Lecturer at Department of Biochemistry, Faculty of Pharmacy, Beni-Suef University, Egypt.

2011 -2013: Joint supervision scholarship to the department of Cell Biology, Groningen University, The Netherlands.

2011: Assistant lecturer at the department of Biochemistry, Faculty of pharmacy, Beni-suef University.

2010: Master degree in Biomedicine, specialization in Laboratory medicine, Lund University. Sweden.

2005: Demonstrator at the Department of Biochemistry, Faculty of pharmacy, Beni-Suef University.

2004 : Bachelor of pharmaceutical sciences (excellent with honor degree) , Cairo University , Beni-Suef branch.

Education and courses

Advanced Courses at Lund University, Sweden:

- Biomedicine: clinical chemistry and clinical genetics
- Laboratory Medicine Diagnostics

- Tumor Biology
- Clinical microbiology and Immunology
- Bioinformatics and sequence analysis
- Entrepreneurship

Advanced courses at Groningen University, The Netherlands:

- Advanced light microscopy master class.
- Alzheimer's disease, aging brain and brain development master class.

Advanced courses at Beni -Suef University, Egypt:

- Basic Statistics
- Organic chemistry
- Metabolism
- Nucleic Acids
- Hormones
- Enzymes

Courses for improving teaching skills:

- Student evaluation and examination techniques
- Research ethics
- University legal and financial Aspects
- The credit Hour system
- Communication skills
- Modern Educational techniques

Conferences:

3rd Huntington disease symposium at Leiden University, the Netherlands, 2013

13th chaperone Society meeting at Utrecht University, the Netherlands, 2013

1st international conference in antioxidants, aging and degenerative diseases, Malaysia, 2015

PI3K like protein conference, Milan, Italy, 2015

Languages:

Arabic : Mother tongue

English: TOEFL iBT certificate

Computer skills:

International Computer driving License (ICDL) certificate

Grants

- Principal investigator of research project (50000 EGP) funded by Beni –Suef University, Egypt.

Prizes

- The prize of the best PhD thesis in the pharmaceutical sciences awarded by Beni -Suef University, 2016.
- The prize of best University Staff in Biochemistry Department, Faculty of Pharmacy, Beni-Suef University for academic year 2016-2017 .

Publications:

- 1-** Lambert, W., Rutsdottir, G., Hussein, R., Bernfur, K., Kjellström, S., & Emanuelsson, C. (2013). Probing the transient interaction between the small heat-shock protein Hsp21 and a model substrate protein using crosslinking mass spectrometry. *Cell Stress and Chaperones*, 18(1), 75-85.
- 2-** Månsson, C., Arosio, P., Hussein, R., Kampinga, H.H., Hashem, R.M., Boelens, W.C., Dobson, C.M., Knowles, T.P.J., Linse, S. and Emanuelsson, C. 2014a. Interaction of the molecular chaperone DNAJB6 with growing amyloid-beta 42 (A β 42) aggregates leads to sub-stoichiometric inhibition of amyloid formation. *The Journal of biological chemistry* 289(45),31006-31076.
- 3-** Hussein, R. M., I. J. Benjamin and H. H. Kampinga (2015). "Rescue of α B Crystallin (HSPB5) Mutants Associated Protein Aggregation by Co-Expression of HSPB5 Partners." *Plos one*. e0126761.

- 4- Hussein, R. M., R. M. Hashem and L. A. Rashed (2015). "Evaluation of the amyloid beta-GFP fusion protein as a model of amyloid beta peptides-mediated aggregation: A study of DNAJB6 chaperone. *Frontiers in Molecular Neuroscience* **8**.
- 5- T Motawi, OG Shaker, RM Hussein , M Houssen (2016). Polymorphisms of α 1-antitrypsin and Interleukin-6 genes and the progression of hepatic cirrhosis in patients with a hepatitis C virus infection. *Balkan Journal of Medical Genetics* 19 (2)
- 6- RM Hussein.-Biochemical relationships between bone turnover markers and blood glucose in patients with type 2 diabetes mellitus. *Diabetes and Metabolic Syndrome Clinical Research and Reviews*. Volume 11, Supplement 1, S369-S372
- 7- WR Mohamed, ABM Mehany, RM Hussein. Alpha lipoic acid protects against chlorpyrifos-induced toxicity in Wistar rats via modulating the apoptotic pathway. *Environmental toxicology and pharmacology* 59, 17-23.
- 8- RM Hussein. Evaluation of the Circulating Betatrophin Concentration and its Possible Correlations Among Diabetic Patients with Dyslipidemia. *Turkish Journal of Endocrinology & Metabolism* 23 (1)
- 9- YS Mo'men, RM Hussein, MA Kandeil. Involvement of PI3K/Akt pathway in the protective effect of hesperidin against a chemically induced liver cancer in rats. *Journal of biochemical and molecular toxicology*, 2019 , e22305