

Curriculum Vitae

Name

Dr. Magdy Mahfouz Youssef



Affiliation

College of Science, King Faisal University

Marital Status

Married.

Interested

Biochemistry, Protein Purification, Protein Immobilization, Enzyme

Research Area

Characterization, Enzyme Kinetics, Immunology, Molecular Biology, Gene cloning, DNA Amplification, DNA Transformation, DNA repair, DNA recombination, and Phage display technology.

Academic Appointments

Name & Address of Employer	Position or Rank	From Month	Year	To Month	Year
Chemistry Department, Faculty of Science, Mansoura University, Mansoura, Egypt.	Associate Professor	September	2011		Up to now
Chemistry Department, Faculty of Science, King Faisal University, Kingdom of Saudi Arabia.	Assistant Professor	September	2006		Up to now
Chemistry Department, Faculty of Science, Mansoura University, Mansoura, Egypt	Assistant Professor of Biochemistry and Molecular Biology	December	2002	August	2006
Biomedical Science Department, Bradford University, Bradford, Uk	Studied for Ph.D	October	1998	August	2002
Chemistry Department, Faculty of Science, Mansoura University, Mansoura, Egypt	Assistant Lecturer	March	1992	July	1998
Chemistry Department, Faculty of Science, Mansoura University, Mansoura, Egypt.	Demonstrator	July	1987	February	1992

Scientific Qualifications

- Mansoura University, Mansoura, Egypt
- B.Sc. in Chemistry, 1987. Very Good With Honor Degree
- Mansoura University, Mansoura, Egypt
- M.Sc. in Biochemistry, 1992. " Biochemical Studies of plant glucose dehydrogenase "
- Bradford University, Bradford, UK
- Ph.D. in Molecular Biology and Genetics 2002." Genetic characterisation of the *recN* gene of *Escherichia coli* K-12."

Publications:

1. **Magdy M. Youssef** and Mohamed M. Azooz. (2013). Biochemical Studies on the Effects of Zinc and Lead on Oxidative Stress, Antioxidant Enzymes and Lipid Peroxidation in Okra (*Hibiscus esculentus* cv. Hassawi). Science International, 1: 29-38. DOI: 10.5567/sciintl.2013.29.38.
2. **Magdy M. Youssef**, Yehia A. Hussein and Saad S. AL-Shokair. (2012). Toxicity, Antioxidative, Antibacterial and Biological Activities of Poisonous Plants of Al- Hassa. Biochemistry AIJ, 6(5), 145-150.
3. **Magdy M. Youssef**, Yehia A. Hussein, Abd Rahman Heraba, Saad S. Al-Shokair. (2012). Forensic biological identifications of mammal species through DNA barcodes. Biochemistry AIJ, 6(3), 71-77.
4. **Magdy M. Youssef**, Mohammed A. Al-Omar and Mohamed A. Ismail. (2012). Synthesis, DNA Affinity, and Antimicrobial Activity of 4-Substituted Phenyl-2,2'-bichalcophenes and Aza-Analogues. Med Chem Res 21: 4074 – 4082 doi:10.1007/s00044-011-9964-y
5. **Youssef, M. M.**, Al-Omar, M. A. and Picksley, S. M. (2012). Genetic characterisation of the *Escherichia coli* RecN protein as a member of the SMC family of proteins. Arabian J. Chemistry. In press.
6. Mohamed M. Azooz, **Magdy M. Youssef** and Mohammed A. Al-Omar. (2011). Comparative Evaluation of Zinc and Lead and their Synergistic Effects on Growth and Some Physiological Responses of Hassawi Okra (*Hibiscus esculentus*) Seedlings. American Journal of Plant Physiology. 6: 6: 269 – 282. DOI: 10.3923/ajpp.2011.269.282

7. Abdullah M. Alzahrani, Adel Ahmed Fathi, **Magdy M Youssef**. (2011). Physiological and biochemical studies on the response of tolerant versus wild type of *Chlorella vulgaris* to copper stress. King Abdul Aziz Bulletin ' Science' 23, in press.
8. Hamdan I. Al-Mohammed and **Magdy M.Youssef**. (2010). Polyacrylamide Gel Electrophoresis of Proteins Extracted from *Nematotenia Dispar* which Isolated from *Varanus griseus* in Saudi Arabia. Research Journal of Biological Sciences. 5: 11: 735-738. DOI: 10.3923/rjbsci.2010.735.738
9. Mohamed M. Azooz and **Magdy M. Youssef**. (2010). Evaluation of heat shock and salicylic acid treatments as inducers of drought stress tolerance in Hassawi wheat. American Journal of Plant Physiology. 5(2): 56- 70.
10. Usama El-Ayaan, **Magdy M. Youssef**, Shar Al-Shihry. (2009). Mn(II), Co(II), Zn(II), Fe(III) and U (VI) complexes of 2-acetylpyridine 4N-(2-pyridyl) thiosemicarbazone (HAPT); structural, spectroscopic and biological studies. Journal of Molecular Structure. 936: 213–219.
11. **Magdy M. Youssef** and Mohammed A. Al-Omar. (2008). Cloning, purification, characterization and immobilization of L- asparaginase II from *E. coli* W3110. Asian Journal of Biochemistry 3 (6) 337- 350.
12. Al-Omar, M. A. and **Youssef, M. M.** (2008). Biochemical Studies on the Effect of Selenium and α – Difluoromethyl-ornithine on the Elevated Polyamines. Journal of Biological Science 8 (7): 1149- 1157.
13. Dawidar, A.M., Abdel Mogib, M., El-Ghorab, A.M., **Mahfouz, M.**, Elsaid, F.G., Hussien, Kh. (2008). Chemical composition and effect of photo-oxygenation on biological activities of Egyptian commercial anise and fennel essential oils. Journal of Essential Oil-Bearing Plants 11 (2), 124-136.
14. El-Shora, H. M., and **Youssef, M. M.** (2008). Identification of catalytically essential amino acid residues and immobilization of glutamate dehydrogenase from *Rumex cotyledons*. Asian J. of Biochemistry 3 (5): 320-329.
15. El-Shora, H. M., **Youssef, M. M.** and Salwa A. Khalaf. (2008). Inducers and Inhibitors of Laccase from *Penicillium*. Biotechnology. 7 (1): 35- 42.
16. Usama El-Ayaan., Nashwa M. El-Metwally , **Magdy M. Youssef** , Serry A.A. El Bialy. (2007). Perchlorate mixed–ligand copper (II) complexes of β -diketone and ethylene diamine derivatives: Thermal, spectroscopic and biochemical studies. Molecular and biomolecular

17. **Magdy M. Youssef** and Salem A. Habib. (2006). Site directed mutagenesis in Walker A nucleotide binding site of SbcC protein of E. coli. Egypt. J. Biomed.Sci. Vol. 20, 337- 250.
18. El-Shora, H. M., **Youssef, M. M.** and Salwa A. K. (2005) Induction and immobilization of asparaginase from *Aspergillus niger*. Biochem. Lett. Vol. 1, 35- 46.
19. El-Shora, H. M., Abo-Kassem, E. M., **Youssef, M. M.** (2004). The toxic effects of cadmium and copper on the antioxidative enzymes and lipid peroxidation in marrow roots. Mans. Sci. Bull.vol. 30 (1) 127- 140.
20. El-Shora, H. M., Salwa A. Khalaf., **Youssef, M. M.** (2004). Biochemical properties and immobilization of phytase from *Penicillium digitatum*. Mans. Sci. Bull. vol. 30 (1) 141- 156.
21. **Youssef, M. M.**, El-Shora, H. M., Salwa A. Khalaf.. Purification and biochemical characterization of laccase from green penicilli. 2nd International Conference on Chemistry and its Application. Chemistry Dept. College of Science University of Qutar, Qutar. (December 6-9, 2003).
22. **Youssef, M. M.**, El-Shora, H. M. and El- Waseef, A. M. Biochemical characterization of glucose dehydrogenase from orange fruit. International Conference on Chemistry and its Role in Development .ICCRD'8. Chemistry Dept. Faculty of Science, Mansoura University, Egypt. (April 11-14, 2005).
23. **Youssef, M. M.**, El-Shora, H. M. and El- Waseef, A. M. Purification and Biochemical characterization of glucose dehydrogenase from orange fruit. International Conference on Chemistry and its Role in Development .ICCRD'8. Chemistry Dept. Faculty of Science, Mansoura University, Egypt. (April 11-14, 2005).
24. **Youssef, M. M.** and Y.A. Osman. (2006). Purification and characterization of a novel restriction enzyme from *Bacillus thuringiensis* Neide. Mansoura 1st Microbiology Symposium 4-6 July, pp 30-41.
25. **Youssef, M. M.** and Gad, F. Using herbal extract to treat cancer cells generated in mice. Under publication.

• **Conferences & Presentation**

1. **Magdy M. Youssef**, (2000). “Genetic Characterization of *recN* gene of *Escherichia coli* K12”. Annual meeting (invited). November 2000. Biomedical Science Department, Bradford University, Bradford, UK.

2. **Magdy M. Youssef** (2001), “Genetic analysis of known *recN* mutations and generation of novel *recN* mutations”. Meeting (invited). May 2002. Biomedical Science Department, Bradford University, Bradford, UK.
3. The 7th International Conference on Chemistry and its Role in Development .ICCRD’8. Chemistry Dept. Faculty of Science, Mansoura University, Egypt. (7th ICCRD April 6-9, 2003).
4. 2nd International Conference on Chemistry and its Application. Chemistry Dept. College of Science University of Qatar, Qatar. (December 6-9, 2003).
5. The international conference of genetic engineering and its applications. (8- 11 April, 2004).
6. International Conference on Chemistry and its Role in Development .ICCRD’8. Chemistry Dept. Faculty of Science, Mansoura University, Egypt. (April 11-14, 2005).
7. The 25th Meeting of Saudi Biological Society, Nanotechnology in Life Sciences, Alasa, King Faisal University (May 10- 13- 2010).
8. The 26th Meeting of Saudi Biological Society, Climatic change and Biodiversity, Taif, Taif University (May 10-12- 2011).
9. The 27th Meeting of Saudi Biological Society, Economics of Environment and Natural Resources, Jazan City, Jazan University. 13-15 Rabia Althani, 1433 H (6- 8 March, 2012)

- **Course Training**
- Enzyme purification and characterization. University of Alexandria, Institute of graduate students and research (march 16- 19, 1997).
- Modern methods in microbial molecular biology. Agricultural genetic engineering research institute. (April 3-16, 1993).
- Genetic engineering principles and applications in bacteria. University of Alexandria research center. (April 3-7, 1994).
- Principles of plasmid manipulation in genetic engineering. National research center, Training center. (September 17- 21, 1995).

How to Contact

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