

CURRICULUM VITAE



• Personal data

NAME	Hussam Ahmed Moneir El-Gayar
BIRTH DATE	December 11, 1962
CITIZENSHIP	Egyptian
RELIGION	Muslim
MARITAL STATUS	Married
OFFICE ADDRESS	72 Gomhoria Street, Mansoura-Egypt
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• QULIFICATIONS

- B.Sc., Chemistry department, 1984, Faculty of Science, Mansoura University, Mansoura, Egypt.**
- Diploma, Applied Chemistry, 1987, Faculty of Science, Mansoura University, Mansoura, Egypt.**
- M. Sc. Biochemistry, 1993, Faculty of Science, Mansoura University, Mansoura, Egypt. "PHARMACOKINETICS OF EPIDURAL MORPHINE IN CHILDREN"**
- Ph.D. Biochemistry, 2003, Faculty of Science (Damietta), Mansoura University, Mansoura, Egypt. "RISK OF OCHRATOXIN A EXPOSURE ON THE KIDNEY"**

• Current position

Fellow of Biochemistry, Urology and Nephrology, Mansoura University, Mansoura, Egypt.

1. EXPERIENCES

- **High Performance Liquid Chromatography (HPLC) Lab from 1988-2004 on the following studies:**
 - 1. Quantitative determination of catecholamines in plasma by HPLC-ECD.**
 - 2. Quantitative determination of morphine and bupivacine in blood and their pharmacokinetics by HPLC-UV.**
 - 3. Determination of ochratoxin A (OTA) in human serum, urine, tissue and foods using HPLC with fluorescence detector.**
 - 4. Determination of vitamin A and E in human serum by HPLC-UV.**
 - 5. Determination of rapamycin in human blood by HPLC-UV.**
 - 6. Purity monitoring of mouse monoclonal antibody IgG_{2a} by HPLC-UV.**

1. PUBLICATIONS

- 1. Hussam Ahmed El-Gayar. Simple, Fast and Economic Method for Extraction and Determination of Ochratoxin A in Serum by High Performance Liquid Chromatography (HPLC). Biochemistry Letters, 11(5) 2016, Pages: 50-59.**
- 2. Reda Eldemerdash, Hussam Ahmed El-Gayar, Samar Abdullah Salim, Neven A.Salah, and A.F.Abdel-Aziz: Hepato-Protective Effect of Aqueous Extract of Silybum- Marianum against Carbon Tetrachloride Induced Liver Injury in Rats. International Journal of Research Studies in Biosciences (IJRSB) Volume 4, Issue 2, February 2016, PP 13-24.**
- 3. Hussam A. El-Gayar, El-Sayed M. El-Habibi, Gamal M. Edrees, Eman T. Salem, Mona S. Gouida: Role of Alcoholic Extracts of Eruca sativa or Petroselinum crispum on Dioxin-Induced Testicular Oxidative Stress and Apoptosis. International Journal of Science and Research (IJSR) Volume 5 Issue 1, January 2016.**
- 4. Gamal Mohamed Edrees, Hussam Ahmed El-Gayar, El-Sayed Mohamed El Habibi, Eman Taha Salem: PROTECTIVE EFFECT OF PETROSELINUM CRISPUM OR ERUCA SATIVA EXTRACTS ON TESTES AGAINST DIOXIN INTOXICATION IN RATS. European Journal of Biomedical AND Pharmaceutical sciences. ejbps, 2015, Volume 2, Issue 7, 57-66.**
- 5. Edrees G., El-habibi E.M., El-Gayar H., Badawy M: Protective effects of vitamin C against renal damage and oxidative stress in fluoride intoxicated rats.**

J of Environmental Science, 40(3), 2011.

6. Hussam AM El-Gayar; Economic and simple method for extraction and determination of ochratoxin A in urine by high performance liquid chromatography (HPLC). Patent Gazette, March (631). Pat.No 23182(2004).
7. Farid A. Badria, Hussam A. M. El-Gayar, Mohamed M. El-Sharabasy , Samia A.Hawas ,MohamedA.Gaballah AM. Human Exposure to Ochratoxin A in a Rural Area in Egypt. Mans. Env. J,
8. Amer TA, Tarabay MA, Yahya RS, Ahmed AI, El-Gayar HAM, El-Sawy MR and Seddek MN: Production and purity monitoring of mouse monoclonal IgG_{2a} to human peripheral T-cell activity. J Egypt Ger. Sec. Zool., 40 (A), Comparative Physiology, 315-331, 2003.
9. Farid A Badria, Hussam A. M. El-Gatyar, Mohamed M. El-Sharabasy, Samia A Hawas, Mohamed A Gaballah: Human Exposure to Ochratoxin A in Rural Area in Egypt. The 7th International Conference on Chemistry and its Role in Development, Mansoura, April 14-17, 2003 (Abstract).
10. Seddek MN, Tarabay MA, and Ghoneim MA (1999): Purification of in vitro produced mouse monoclonal IgG_{2a} of anti-human peripheral T-cell activity: Process development using industrial scale media. J Egypt. Ger. Soc. Zool., 29, Comparative Physiology, 225-240. Acknowledgment.
11. EW Wafa, RS Yahya, MA Sobh, I Eraky, M El-Baz, HAM El-Gayar, AM Betbeder and EE Creppy (1998): Human ochratoxicosis and nephropathy in Egypt: A preliminary study. Human & Experimental Toxicology, 17, 124-129.
12. Mohammed MH El-Sharabasy, Raida S Yahya and Hussam El-Gayar (1993): Plasma Pharmacokinetics of Epidural and Intramuscular Morphine in Children. Man. J. Foren. Med. Clin. Tox., 1(2), 23.

PRESENTATION

1. Hussam A. El-Gayar, El-Sayed M. El-Habibi, Gamal M. Edrees, Eman T. Salem, Mona S. Gouida: Role of Alcoholic Extracts of *Eruca sativa* or *Petroselinum crispum* on Dioxin-Induced Testicular Oxidative Stress and Apoptosis. The 12th International Conference on Chemistry and Its Role in Development, ICCRD, Mansoura-Sharm-El-Sheikh, March, 16-20, 2015.
2. Gamal Mohamed Edrees, Hussam Ahmed El-Gayar, El-Sayed Mohamed El Habibi, Eman Taha Salem: PROTECTIVE EFFECT OF PETROSELINUM CRISPUM OR ERUCA SATIVA EXTRACTS ON TESTES AGAINST DIOXIN INTOXICATION IN RATS. The 4th International Conference of Biological and Environmental Science, ICBES, Mansoura-Hurghada, March, 24-28, 2014.
3. Hussam AMA El-Gayar; Economic and simple method for extraction and

determination of ochratoxin A in urine by high performance liquid chromatography (HPLC). The 2nd conference for scientific research delivery, December, 5-6, 2006, Mansoura, Egypt.

4. Hussam AMA El-Gayar; Economic and simple method for extraction and determination of ochratoxin A in urine by high performance liquid chromatography (HPLC). The 1st conference for scientific research delivery, April, 17-18, 2005, Mansoura, Egypt.

ACTIVITIES

EG PATENT No.23183

Economic and simple method for extraction and determination of ochratoxin A in serum by high performance liquid chromatography (HPLC).

THESIS SUPERVISSION

- **Ph. D Thesis, 2015**
Eman Taha Salem, "*Effects of Eruca sativa or Petroselinum crispum on physiological abnormalitie induced by Dioxin in rats* , Mansoura University, Mansoura, Egypt.
- **Ph. D Thesis, 2010**
Aymn El-Sayed Salem, "Preventive effect of an antioxidant on physiological intoxication induced by fluoride" Faculty of Science, Mansoura University, Mansoura- Egypt.
- **JOURNAL REVIEWER**

CYTOTECHNOLOGY

• **TRANING**

- 1- Determination of Ochratoxin A in body fluids under supervision of Prof. Dr. E. E. Creppy, Professor and Head of Toxicology department, University of Bordeaux, France.
- 2- Mammalian cell culture and in vitro anti-cancer testing techniques under supervision of Prof. Dr. W. T. Shier, College of Pharmacy, University of Minnesota, Minneapolis, Minnesota, USA.

• **CONFERENCES**

5. The 12th International Conference on Chemistry and Its Role in Development,

ICCRD, Mansoura-Sharm-El-Sheikh, March, 16-20, 2015.

- 6. The 4th International Conference of Biological and Environmental Science, ICBES, Mansoura-Hurghada, March, 24-28, 2014.**
- 7. The 2nd conference for scientific research delivery, December, 5-6, 2006, Mansoura, Egypt.**
- 8. The 1st conference for scientific research delivery, April, 17-18, 2005, Mansoura, Egypt.**
- 9. Wyeth- Ayerst Sirolimus Assay Day- Hilton Hotel, Rome airport, 1st March 2001.**
- 10. The 9th Annual Conference on the laboratory and Early detection of Diseases, Cairo-Egypt, March, 1998.**
- 11. 8th, Annual Conferences on the laboratory Medicine in the 21st Century, Cairo-Egypt, February, 1997.**
- 12. Programme for the Symposium “Ochratoxin as an environmental risk factor causing kidney disease “Urology and Nephrology Center, Jan. 14-16, 1996, Mansoura, Egypt.**
- 13. International Symposium on Etiopathogenesis and Early Diagnosis of Endemic Nephrology, Zegreb, Croatia, November, 1996.**