

Marwa Medhet Rashed Siam
THE NATIONAL CENTRE FOR SOCIAL &
CRIMINOLOGICAL RESEARCH (N. C. S. C. R)
Zamalek P. O. box no. 11561, GIZA,
CAIRO, EGYPT.
Tel.: 33473655-33461440
Mobile: 0100/2800238



CURRICULUM VITA

Name: Marwa Medhet Rashed Siam

Date of birth: 21/7/1977

Nationality: Egyptian.

Professional position: Head of Crime Investigation Researches Department., assistant professor of Pharmacology and Toxicology at The National Centre for Social & Criminological Research (NCSCR).

Qualifications:

- Assistant professor of Pharmacology & Toxicology, 2022.
- Ph.D. of Pharmacology & Toxicology, Faculty of Pharmacy, Ain Shams University, November 2015, title of thesis is: Study of the protective mechanisms of thymoquinone in experimentally induced myocardial infarction in rats. Supervised by Prof. Ebtehal El-Demerdash Zaki, Prof. Azza Sayed Awad and Ass.Prof. Wesam Mostafa El-Bakly.
- M.Sc. of Pharmacology & Toxicology, faculty of Pharmacy, Cairo University, September 2011, title of thesis is: Pharmacotoxicological studies of some flavoring agents commonly used in Egypt. Supervised by Prof. Helmy Moawad and Prof. Hamdy A.Mekkawy.
- B.Sc. in Pharmacology, with Final Grade excellent with honor degree. Faculty of Pharmacy, Ain Shams University.
- Qualification year for Master studies in Pharmacology, 2004, faculty of Pharmacy, Cairo University.

Permanent address:

- 203 Shorouk Elnady ElAhly, Nasr city, Cairo, Egypt.
- **Contacts:** Home phone (+202)24716130 **Mobile** (+20100)2800238
- **Email:** manna21@hotmail.com

Work experiences:

- Associate professor of Pharmacology and Toxicology from April 2022 till now.
- Head of Crime Investigation Research Department, National Center for Social and Criminological Research.
- Expert (lecturer) at The National Centre for Social & Criminological Research (NCSCR), Department of Crime Investigation Research, from September 2016, until April 2022.
- Assistant Researcher at The National Centre for Social & Criminological Research (NCSCR), Department of Crime Investigation Research, from October 2011 until September 2016.
- Researcher at The National Centre for Social & Criminological Research (NCSCR), Department of Environmental Research, from May 2003 until October 2011.
- Researcher, from February 2001 to March 2003, in the National Organization for Drug Control & Research (NODCAR).
- Part timer Pharmacist in private pharmacies.
- Lecturer of Pharmacology at Modern *University* for Technology and Information (*MTI*) from June 2017 till June 2018
- Oral Examiner at the Faculty of Pharmacy, Helwan university , 2105-2019, faculty of pharmacy Ahram Canadian university, 2015-2019, Faculty of pharmacy Al- Azhar university, Faculty of pharmacy 6-October university , faculty of pharmacy Cairo university and faculty of pharmacy Russian university.
- Head of quality assurance sub-committee “Governance and Leadership” at MTI university 2017/2018.
- Head of quality assurance sub-committee “Administrative Structure” at MTI University 2017/2018.
- Lecturer of Pharmacology and Toxicology at Al Ahram Canadian University from December 2018- April 2019.
- Lecturer of Clinical Pharmacology at Badr University from February 2020 - july 2021.

Participating in Research Projects

- **Nutritional habits and the environmental conditions and their effects on human health in desert regions – South Sinai as an example, NCSCR, 1**
- **The effect of using bahar el baker drain on pollution of sahl al-husainaia district in al-sharkia governorate: a study on fish planting and human health, phase one, fish farms, NCSCR,**
- **The food additives (colours) and their effects on public health, NCSCR.**
- **The impact of Amphetamine abuse on public health, NCSCR.**
- **Medicinal plants in St. Catherine Protectorate between the popular Bedouin uses and scientific application,**
- **Adulteration and contamination of milk and its products, NCSCR.**
- **Environmental toxicant and its effect on human health, NCSCR.**

Participating in Conferences and workshops:

- **5th Global Summit on Medicinal and Aromatic Plants, V SIVRAM Research Foundation and Universiti Teknologi MARA, December 8 -12, 2013, Miri, Sarawak, Malaysia.**
- **41st Annual Meeting of the Egyptian Society of Cardiology, organized by National Heart Institute, February 24 – 27, 2014 ,Egypt, Cairo**
- **The 18th Annual Meeting of the Egyptian Echocardiography Working Group (EEWG) “Echo2014”, 22nd- 23rd October, 2014- Cairo, Egypt.**
- **Hepatitis C between Tackling and Tracking Conference, December 27, 2014, Faculty of Pharmacy, Ahrum Canadian University, Cairo, Egypt.**
- **The Third Conference on Marginal and Remote Communities Women’s, the Sinai woman as a model’, April 2015, Ministry of Culture, Egypt. Presenting a paper titled: Bedouin woman utilization of medicinal plants in Sinai, traditional and scientific approaches.**
- **The first ACU international conference (new trends in pharmaceutical and medical research – NTPMR 2016. May 28th – 29th with 2 postures.**
- **The second ACU international conference (new trends in pharmaceutical and medical research – NTPMR 2018.May 16th – 17th (2018) with poster.**
- **30th international symposium on the chemistry of natural plants, November 25 -29, 2018, Athens, Greece.**

Published Research Reports and Papers:

- Medhet Marwa, et al, (2011): **Pharmacotoxicological studies of some flavoring agents commonly used in Egypt. NCSCR, Cairo.**
- Medhet Marwa, (2015): **Bedouin woman utilization of medicinal plants in Sinai-traditional and scientific approaches. the third conference on Egyptian women's cultural in marginal and remote communities in Egypt, The Sinai women as a model, April 2015, Ministry of culture, Egypt.**
- Medhet Marwa, et al, (2015): **Cardioprotective Effects of Thymoquinone against Isoprenaline-Induced Cardiotoxicity: Electrocardiographic, Biochemical and Histopathological Evaluation. vol. (60). November. NCSCR, Cairo.**
- Medhet Marwa, et al, (2016): **The anti-secretory and gastric ulcer protective effects of clonidine and tizanidine in two different experimental models in rats. The Frist ACU International Conference New Trends in Pharmaceutical and Medical Research, NTPMR, 2016.**
- Medhet Marwa, et al, (2016): **Anti-fibrotic and Anti-oxidant Effects of Sertraline (SSRI) on Doxorubicin-Induced Nephropathy in Rats. The Frist ACU International Conference New Trends in Pharmaceutical and Medical Research, NTPMR, 2016.**
- Medhet Marwa, et al, (2016): **Hypolipidemic, antioxidant and antiapoptotic effects of Thymoquinone in Isoproterenol-induced myocardial Infarction. The Frist ACU International Conference New Trends in Pharmaceutical and Medical Research, NTPMR, 2016.**
- Medhet Marwa, et al, (2021): **Protective Effect of Kefir Against Hepatorenal Toxicities of Malathion in Male Rats. The National Review of Criminal Sciences Vol.(64) . NCSCR, Cairo.**
- Medhet Marwa, et al, (2021): **Selenium Nephroprotection Through Inhibition of PERK-EIF2 α - CHOP Pathway in Lead Intoxicated Male Rats, Ain Shams Journal of Forensic Medicine and Clinical Toxicology. Vol.(37): 107-115.**

- Medhet Marwa, (2022): **Environmental pollutants and their relationship to the health status of the residents of Abu Rawash** In: Mohamed Zaki (ed), **Environmental pollutants and their effect on population in Abu Rawash**, NCSCR, Cairo.
- Medhet Marwa, (2022): **Health care for offenders and victims of persons with disabilities**. In Azza Koraim (ed), **criminal justice for disabled persons**.
- Medhet Marwa (2021): **The Possible Protective Effects of Coenzyme Q10 on Malathion-induced Testicular Toxicity in Male Rats**, **The National Review of Criminal Sciences Vol.(64)**, NCSCR, Cairo.
- Wesam et al., (2020): **Optimized platelet rich plasma releasate (O-rPRP) repairs galactosemia-induced ovarian follicular loss in rats by activating mTOR signaling and inhibiting apoptosis**. **Heliyon**. vol. **6(9):e05006**.
- Nesreen Nabil et al., (2022): **Rifaximin Protects against Malathion-Induced Rat Testicular Toxicity: A Possible Clue on Modulating Gut Microbiome and Inhibition of Oxidative Stress by Mitophagy**. *Molecules* **27**, no. 13: 4069.
- Eman Mohammed et al., (2023): 'The Effects of Repeated Low-Dose Exposure To Chlorpyrifos on Cognitive Functions and Potential Non-Cholinergic Mechanisms', **Egyptian Journal of Chemistry**, (), pp. -. doi: 10.21608/ejchem.2023.203623.7811.

Awards

- **Reward of best poster in The First Ahram Canadian University International Conference on “New Trends in Pharmaceutical and Medical Research (NTPMR)” with poster titled: The Anti-Secretory and Gastric Ulcer Protective Effects of Clonidine and Tizanidine in Two Different Experimental Models in Rats. (2016).**

- **First place urged entitled: Anti-Drug Strategy: Prevention and Confrontation Mechanisms - at the Academy of Police Sciences Award for Scientific Research in its third session 2022. Police Sciences in Sharjah**

Training and social activities:

- **Supervisor and lecturer at the newly advanced training program on: The Recent Approaches and Techniques of Crime Investigation and Crime Prevention. Concerning narcotics Substances affecting the psychological state, narcotics: Factors and indicators, Health harms of drugs.**
- **Lecturer at the Military Police Department, Military Investigation Branch, Egyptian Ministry of Defense.**
- **Designing, Supervising, lecturing on: Forensic medical sciences course for students of the faculties of Pharmacy, Science and Agriculture**
- **Designing and delivering an awareness program about women's health and culture targeting poor and rural Egyptian women in co-operation with Ministry of Culture and Egyptian Association of Breast Cancer. 2015/16.**
- **Member of quality assurance sub-committee at Faculty of Pharmacy, Ahram Canadian University,**
- **Designing and delivering an awareness program about women's health and culture targeting poor and rural Egyptian women all over Egypt in co-operation with ministry of culture and Egyptian association of breast cancer. 2015/16.**
- **Examiner of oral tests at the faculty of pharmacy, Helwan university , 2105-2019, faculty of pharmacy Ahram Canadian university, 2015-2019, Faculty of pharmacy Al- Azhar university, Faculty of pharmacy 6-October university , faculty of pharmacy Cairo university and faculty of pharmacy Russian university.**
- **Head of quality assurance sub-committee "governance and leadership" at MTI university 2017/2018.**

- Head of quality assurance sub-committee “administrative structure” at MTI University 2017/2018.
- Reviewer in the *Dose-Response* journal, the manuscript entitled: “Insights on Protective Mechanisms of Dandelion Leaf Extract Against Cisplatin-Induced Nephrotoxicity in Rats; Role of Inhibitory Effect on Inflammatory and Apoptotic Pathways”. (12-Jul-2019)
- Reviewer in the *Scientific Reports* journal, manuscript entitled “Oleuropein Reverses Corticosterone-Induced Depressive-Like Behavior via Modulating the Levels of Biogenic Amines and Oxidative Stress in Rats’ Brain”. (7-October- 2019).
- Reviewer in the *Basic & Clinical Pharmacology & Toxicology*, Manuscript entitled “C-phycocyanin protects against ethanol-induced gastric ulcers in rats: Role of HMGB1/NLRP3/NF-κB pathway”. (28-Jan-2020)
- Reviewer in the *Azhar International Journal of Pharmaceutical and Medical Sciences*, the manuscript entitled: “Comparative study on the influence of L carnitine and/or fenofibrate against streptozotocin induced diabetic nephropathy: role of TGF-β1/Smad Signaling Pathway”. (24-april-2021)

Languages:

- **English**, very good at speaking, writing and reading.

Computer skills:

- **Microsoft Applications (windows, word, excel, power point, etc.).**
- **Internet and databases searching.**