
Curriculum Vitae

Personal Information:

Name:	Awatef Abdulaziz Msolly
Date of Birth:	27/05/1980
Address:	Dawadmi, Riyadh, Saudi Arabia
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Mobile Phone:	+966 530239483
General Specialization:	Biology and Biotechnology
Accurate Specialization:	Medical/Clinical Biochemistry

Education and Certificates :

2011: Ph.D. in Biology Sciences and Biotechnology

Thesis subject: Breast cancer is the most common cancer in women worldwide and it accounts for the second highest morbidity and mortality. Disease etiology and progression is multifactorial and several risk factors associated with breast cancer exert their effects by modulation of oxidative stress status in the cells. Oxidative stress occurs due to an imbalance between reactive species and antioxidant defenses in the cells, in fact, it can cause arrest or induction of transcription, activation of signaling pathways, and genomic instability, which are all hallmarks of breast cancer and are key factors that modulate cancer cell proliferation, evasion of apoptosis, angiogenesis, and metastasis.

From here, we conducted a clinical study of risk factors that lead to the onset of breast cancer in Tunisian women.

The study is divided into two parts:

Part 1: It was conducted at the cancer service in Farhat Hached university hospital Sousse Tunisia. The work includes collection and analysis of data on sample of the Tunisian population: 400 patients and 400 controls to search on acquired risk factors for breast cancer.

Part 2: It was conducted at research center on cancer diseases, Jean Perrin, Cermont-Ferrand, France. The work includes laboratory analysis (biochemical and genetic) of wool blood samples from breast cancer patients.

2006: Master in Biology and Health

Master subject: Study on risk factors (stress oxidant and anti-oxidant factors) and its relation to cancer diseases.

2003: Mastery in Biological Sciences

Graduation Project subject: Stress oxidant and relation to diseases in particular diabetes, cardiovascular diseases, articular inflammations and periodontitis.

Languages Proficiencies

- English Language Proficiency
- French Language Proficiency
- Native Arabic Language

Publications:

1-Ali I. Abd Alrheam; Awatef A. Msolly; Zafer S. Alshehri; Sharif H. Alhajlah; Faez F. Alshehri; Manal I. Basha; Alhomidi Almotiri; Ali. S. A. Saleem; Ahmed IbrahimAbd Elneam. Calotropis Procera Triggered Biochemical and Molecular Alterations In Breast Cancer Caused By DMBA In Female Albino Rats. South Eastern European Journal of Public Health 2024-09-30. Special Volume XXIV No.S2 2024: Public Health Technologies to Revolutionize Health Care Delivery.

2-Awatef A. Msolly; Ali Ismail A. Abdul Rahim; Zafer S. Alshehri; Sharif H. Alhajlah; Faez F. Alshehri; Essam M. Elmahdi; Alhomidi Almotiri; Ahmed Ibrahim Abd Elneam. Higher insulin resistance is associated with decreased expression of the vitamin D receptor gene in obese type II diabetic patients with vitamin D deficiency. South Eastern European Journal of Public Health 2024-09-05. Special Volume XXIII No.3 2024: The Efficiency, Accuracy, and Distribution of Healthcare Services.

3-Awatef Msolly, Olfa Gharbi, Slim Ben Ahmed. Impact of menstrual and reproductive factors on breast cancer risk in Tunisia: A case-control study. Medical Oncology (2013) 30:480

4-Awatef Msolly, Olfa Gharbi, Rim Chafai, Asma Kassab, Kacem Mahmoudi, Makram Hochlef, Leila Ben Fatma, Amel Landolsi, Slim Ben Ahmed. Physical activity reduces breast cancer risk: A case-control study in Tunisia. Cancer Epidemiology (2011), 35: 540-544

5-Awatef Msolly, Olfa Gharbi, Kacem Mahmoudi, Sami Limem, Makram Hochlef, Leila Ben Fatma, Amel Landolsi, Slim Ben Ahmed. Association between body mass index and risk of breast cancer in Tunisian women. Annals of Saudi Medicine (2011); 31(4): 393-397

6-Awatef Msolly, Olfa Gharbi, Imed Harrabi, Kacem Mahmoudi, Imen Chabchoub, Rim Chafai, Mohamed Bibi, Slim Ben Ahmed. Breastfeeding reduces breast cancer risk: a case-control study in Tunisia. Cancer Causes Control (2010); 21(3):393-397

7-Awatef Msolly, Asma Kassab. BRCA1 and BRCA2 mutations are they related to breast cancer in a sample of Tunisian population? Cancer Therapy and Oncology International Journal, (2015), 1(1)

8-Awatef Msolly, Asma Kassab, Ahmed Gharbi, Leila Guezguez, Faten ben Amor. Oxidative stress and glutathione-s-transferases M1 and T1 polymorphisms in periodontitis from Tunisia. Asian Academic Research journal of multidisciplinary (2015), 2(6): 71-81

9-Awatef Msolly, Miled A, Kassab A. Hydrogen peroxide: an oxidant stress indicator in type 2 diabetes Mellitus. Journal of cardiovascular disease (2013); 1 N°2

10-Awatef Msolly, Raoudha Bahri, Asma Kassab. Alu-repeat polymorphism in the tissue plasminogen activator gene and risks of myocardial infraction in Tunisian population. Medicinal chemistry 6(2): 072-074 (2016)

11-Asma Kassab, Awatef Msolly, Ramzi Lakhdar, Olfa Gharbi, Abdelhedi Miled. Polymorphisms of glutathione-S-transferases M1, T1, P1 and susceptibility to colorectal cancer in a sample of the Tunisian population Medical Oncology (2014) 31:760

12-Asma Kassab, Awatef Msolly, Abdelhedi Miled, Olfa Gharbi. Alpha-fetoprotein producing breast cancer cells: case report and review of literature Journal of Cancer Research Updates, (2013), 2, 000-000

13-Asma Kassab, Awatef Msolly, Shunji Fujimori, Ramzi Lakhdar, Abdelhedi Miled. Is Folate an Aetiological Factor for Colorectal Cancer Onset? A Case-Control Study. Medicinal chemistry 2014, 4:8

14-Awatef Msolly, Asma Kassab, Marwa Chakroun, Dalenda Hadyaoui, Mounir Cherif, Faten Ben Amor. An In Vivo Investigation into Oxidative Stress of Methacrylate Monomers Used in Dentistry. Ijsrm Human (2017); Vol. 5 (3): 46-55

Administrative Experiences and Internships:

- Assistant vice Dean at female section from January to June 2024, College of Science and Arts, Sajir, Shaqra University
- Coordinator of the Department of Chemistry from 2020 to now, College of Science and Arts, Sajir, Shaqra University
- Coordinator of Academic Advising, Department of Chemistry from 2020 to now, College of Science and Arts, Sajir, Shaqra University
- Scientific Research Coordinator at Sajir College, Female Section 2021 to now, College of Science and Arts, Sajir, Shaqra University
- Coordinator of Community Service Unit, Department of Chemistry from 2022 to now, College of Science and Arts, Sajir, Shaqra University
- Coordinator of Student Dialogue Unit, Department of Chemistry from 2021 to 2022, College of Science and Arts, Sajir, Shaqra University
- Member of the scientific committee for the chemistry program within the temporary scientific committees for the Exit Exam for academic programs at the university, 1443.
- Participation in the International Quality Day for the year 2022 at college of science and Arts in Sajir.
- Participation in the International Quality Forum for the year 2021 at college of science and Arts in Sajir.

- Participation in the 5th International Seminar of cancer prevention and tobacco control under the supervision of research center on cancer diseases, Jean Perrin, Cermont-Ferrand, France and cancer service in Farhat Hached university hospital Sousse, Tunisia, April 2009.
- Participation in the 6th Franco-Tunisian symposium on digestive cancers under the supervision of research center on cancer diseases, Jean Perrin, Cermont-Ferrand, France and cancer service in Farhat Hached university hospital Sousse, Tunisia, April 2008.
- Practical training includes laboratory analysis biochemical and genetic) of wool blood samples from Tunisian breast cancer patients, June / July 2008.
- Formation in pedagogical university teaching under the supervision of Monastir University, 2008-2010.
- Practical training on the unit of immune diseases in Fattouma Bourguiba University hospital Monastir, Tunisia, June 2002.

Some Scientific Courses I gave

- Basics of Learning French Course for Beginners, 20 hours from 12/1441 to 01/1442, (Online, ZOOM), The course is organized by the Deanship of Community Service and Continuing Education at Shaqra University.
- Workshop entitled: Fundamentals and Applications on e –register, College of science and Arts in Sajir, 2022.
- Lecture entitled: Overcoming exams anxiety, College of Science and Arts, Sajir, 2022.
- Lecture entitled: Oxidative stress and the risk of health damage, College of Science and Arts, Sajir, 2023.
- Lecture entitled: Chemical pollutants and how to prevent them, College of Science and Arts, Sajir, 2023.
- Lecture entitled: Industrial Rain Enhancement, College of Science and Arts, Sajir, 2022.
- Lecture entitled: Vitamins and Antioxidants: importance and rationalization of consumption, College of Science and Arts, Sajir, 2023.
- Breast Cancer Awareness Campaign: organized by the Community Service Unit, College of Science and Arts, Sajir, 2023.

Professional Experience:

- Assistant professor in Medical/Clinical Biochemistry, College of Nursing, Campus Dawadmi, Shaqra University, from August 2024 to now.
- Assistant professor in Biochemistry, College of Science and Arts in Sajir, Shaqra University, from January 2020 to July 2024.
- Assistant professor in Biochemistry, Private Higher Institute of Nursing Sciences of Sousse (ISEPSI), University of Sousse, Tunisia, from 2011 to 2019
- Lecture in Biochemistry, Faculty of Dental Medicine of Monastir (FMDM) , University of Monastir, from 2008 to 2011.
- Supervision of Master's and Mastery students.

Find me on:

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- Researchgate:
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- Scopus Author ID: 55579303600