

BIOGRAPHICAL RESUME

Dr. Samia Mohammed Hassan El-Rabbat

Lecture academic and research scientist

Science & Technology, Center of Excellence (STCE).

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Place of Birth: Saudia Arabia.

Citizenship: Egyptian

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Current Position: Researcher

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Experience

Researcher Scientist in Science & Technology , center of excellence , June 2011 till now .

My role to make research proposal to grant scientific project on lab and on pilot scale , participate our team work in lab project experimental, solving technical problem and writing report and paper.

Manager of Technology Innovation Support Center (TISC) of TICO.

Helping staff to recording their patients and their novel research finding.

Manager of Grant and International Cooperation Office (GICO) of TICO.

Demonstrate Staff of opening funding project on national and international level and criteria and time of application.

Supervisor of occupational safety and health on quality in Science & Technology and center of excellence .

Ensuring health quality on all lab and hazard material , lecture on Safety insurance and writing report .

Lecture academic , Faculty of Science , Botany section , Damansara University. July. 2009-Present till. 2010.

Lecture academic , Faculty of Education Botany section , Tanta University (Kafrelsheikh University now), Assistant researcher in Biological and Geological Sciences Department , Faculty of Education at Kafr- El -Sheikh , University. July 2000- July. 2003 Main Responsibilities include:

- Teaching and assisting in the delivery of academic education courses for undergraduates, the courses include:
- Microbiology , chemistry and life science.

Education

- Ph.D** A doctor in the philosophy of Science, Genetic (**Microbial Biotechnology**), 28/11/2018.
Thesis title: Characterization and molecular identification of *Fusarium* species producing toxin and its coding gene (s), Tanta University, Faculty of Science.
- M. Sc** Genetic, 7/2009. Botany and Microbiology department
Tanta University, Faculty of Science.
- B. Sc** Tanta University, Faculty of Science Tanta, 9/2005 ,
Microbiology department.

Postgraduate studies and Ranking class background:

Class	Academic year	Total Number of Student	Order	Grade
Postgraduate	2002/ 2003	10 students	1th	Excellent

Skills

Active listening, Critical thinking, Teamwork, **Problem-solving**, Communication skills, Data analysis, **Research design**, Laboratory techniques (molecular biology, microbiology and chromatography), Time Management and Computer skill, office.

Achievements

Local and international Projects

- Worked in project with UNESCO (climate change) by using sustainable economic method Sinking CO₂ using Mycorrhizal fungi.
- Production of polyhydroxy butyrate using sustainable economic method by transform milk waste using bacteria .
- Production of DNA extraction kit (STCE, National research center and city of scientific research and technology and Vaccaria Company) using Technology transfer.

- Protocol of co-operation between STCE and city of scientific research and technology in training of researcher .
- Production of biogas **using sustainable economic method** by degradation and recycle of waste using bacteria and fungi.

My research result presented here has advanced the field of mycotoxicosis by placing in association with the organisms that produce T-2 toxin within and the rousting production.



Additional information

Membership

- 1- **Organization Of Woman In Science For Developing World (OWSD),UNESCO**
- 2- Woman in Science Without Borders.
- 3- Association of scientists of Egypt N0 .5707 , 2019.
- 4- Workshop of Elsevier, (Author Workshop at ASRT on the Publishing Campus), 2017.
- 5- Egyptian Society for Environmental Toxins.
- 6- Zewail Foundation Public lecture Series in science and culture
- 7- City Zewail friends Program,13/12/2012.

Languages

❖ Arabic	Native
❖ English	Tofiel 573 Cambridge English
❖ French	poor
❖ Germany	poor

	Fluently	Passably	Fluently	Passably	Fluently	Passably
English	✓		✓		✓	
	✓		✓		✓	

Computer skill

- ❖ Office
- ❖ Photoshop
- ❖ SPSS
- ❖ Electronic library
- ❖ moodele

Attendance of Local and International Conferences

- ❖ 12 September 2024, “Shaping the awareness for Dementia in Egypt “ attending and participation in the symposium, Faculty of Pharmacy, Cairo University.
- ❖ 9 th ANKARA INTERNATIONAL CONGRESS ON SCIENTIFIC RESEARCH held on December 26-29, 2023 / Ankara, Türkiye , in oral and technical presentation recognition and appreciation of research.
- ❖ Cop 27 , November, 2022 ,Unesco, and selected from 12 woman scientist on climate change solution by UNESCO, these are link and article:
 - <https://www.youtube.com/watch?v=THau5mP8sml>
 - <https://www.citiplat.org/post/no-doom-mood>
 - <https://www.google.com/search?q=no+doom+m>
 - <https://www.themapreport.com/2022/11/08/no-doom-mood-scientiate-e-soluzioni-per-il-cambiamento-climatico/>
 - <https://www.google.com/search?q=no+doom+mood++trailers+cop27&sxsrf=AJOqlzV7zn9LkCbPKfP98tkyVjiNNWQfiQ:1674739076896&source=lnms&sa=X&ved=2>
- ❖ Youth Science Forum Conference, 14-16 /1/2021.
- ❖ The third international conference of Woman In Science Without Boarder For Substantial Development. 12-14/3/ 2019.
- ❖ Environmental conference (Protecting the environment is a necessity of life) 28th , 5-7/5/2018 .
- ❖ The first international conference of Woman In Science Without boarder, 12-14/3/ 2017.
- ❖ The international conference of natural toxin 15-16/12/2014.
- ❖ Bionat international conference (third Euro-Mediterranean conference of natural products from biotechnology to nanotechnology) 5-7/1/2014.
- ❖ Nanotechnology and application 1/1/2012.

Attendance of workshops and training courses .

- 12 September 2024, “What do you have in store to treat Dementia? Do you expect a therapeutic breakthrough in the near future (5 years) ? “ attending and participation in the workshop, Faculty of Pharmacy, Cairo University
- Effective Academics Writing, 10 /1/2021.
- Feasibility study for projects, 2018.
- CE Marking Training course from 15-19/4/2018.
- ISO/IEC 17025:2017, Laboratories Accreditation System Awareness, 4-5/3/2018.

- Internal Auditing To ISO /IEC 17025:2005 Laboratories Accreditation System, 19-21/9/2017.
- The Uncertainty of the measurement results, 27-29/8/2017.
- ISO/IEC17025:2005, Laboratories Accreditation System Awareness, 22-24/8/2017.
- First Aid from 8/11 to 19/11/2014.
- Radiation treatments for the development and improvement of polymer properties in industrial and medical applications, 2013.
- Composite and nanotechnology manufacturing technology 8/1 to 8/2.2012.
- High Performance Liquid Chromatography (HPLC), 1/12/2011.

Publications:

- 1- **Samia El-Rabbat**, Osman El-Maghraby , Samah El-Debaiky and Ashraf Haider.,(2019). Isolation and Characterization Of Novel Egyptian Regulatory Gene Tri 10 From *Fusarium fujikuroi* (MG211161).Global Scientific Journal. Volume 7 .Issue 4 .2019. ISSN 2320-9186 Impact Factor 1.2.
- 2- **Samia El-Rabbat**, Osman El-Maghraby, Samah El-Debaiky and Ashraf Haider.,(2018) . Isolation and Molecular Identification of *Fusarium* species from Egypt. IJSET - International Journal of Innovative Science, Engineering & Technology, Vol. 5 Issue 1, January 2018 ,ISSN (Online) 2348 – 7968 | Impact Factor 5.264, researcher id thomson reuters .
- 3- **Samia El-Rabbat**, Osman El-Maghraby, Samah El-Debaiky and Ashraf Haider.,(2018). Detection of T-2 Toxin from some *Fusarium* Strains with Special Reference to its cytotoxicity. Merit Res. J. Microbiol. Biol. Sci.vol.6 (3), p.022-031. Impact Factor Value: 1.04.
- 4- **Samia El-Rabbat**, Mahamed Hamoud and Soilman Haroun.,(2015). Genotoxic effect of *Fusarium oxysporum* filtrate on *Cucurbita pepo*. The international conference of natural toxin 2015, poster.
- 5- **Samia El-Rabbat**, Samah El-Debaiky, Ashraf Haider and Osman El-Maghraby, (2023). Trichothecenes (A+B)-producing *Fusarium* strains in Egypt with special reference to T-2 toxin production using LC-MS/MS QQQ. 9 th ANKARA INTERNATIONAL CONGRESS ON SCIENTIFIC RESEARCH held on December 26-29, 2023 / Ankara, Türkiye.
- 6- **Samia El-Rabbat**, (2021).Molecular Marker of Aflatoxin (ed), **London, UK:** https://www.intechopen.com/Aflatoxin_ebook , Under published.

Referees

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