

Curriculum Vitae

Dr. Rehab Sayed

E-mail: rehab.omar@yahoo.com ; rehab.omar@eaea.org.eg
https://www.researchgate.net/profile/Rehab_Sayed4

Personal Data:

Name : Rehab Mahmoud Sayed
Date and place of birth : 28/10/1980, Kuwait
Nationality : Egyptian
Address : 3 Ahmed El Zomor _Nasr city – Cairo- Egypt
Marital state : Married
Position : Lecturer of Entomology
Institution : National Center for Radiation Research and Technology, Egyptian Atomic Energy Authority. P.O Box 29, Nasr City Cairo– Egypt
Religion : Moslem

Education:

- **2011: PhD. Entomology**, Faculty of Science - Ain Shams University, (Combined effect of gamma radiation and an entomopathogenic nematode on some stored product pests). http://www.iaea.org/inis/collection/NCLCollectionStore/_Public/45/099/45099886.pdf
- **2008: M.Sc. Entomology**, Faculty of Science - Faculty of Science - Ain Shams University, (Effect of gamma radiation and entomopathogenic nematodes on greater wax moth, *Galleria mellonella* (Linnaeus) [Lep., Pyralidae]). http://www.iaea.org/inis/collection/NCLCollectionStore/_Public/40/026/40026052.pdf
- **2001: B.Sc. Entomology**, Faculty of Science - Ain Shams University.
General Grade: Good Special Grade: Very good

Affiliation:

- **From October 2012:** Lecturer of Entomology at National Center of Radiation Research and Technology - Egyptian Atomic Energy Authority.
- **From August 2001 - October 2012:** Specialist at National Center for Radiation Researches and Technology - Egyptian Atomic Energy Authority.

Scientific Activities:

Conferences and Symposiums

- **December 2008:** Participating and Member of the organizing committee of 1st International Conference in Radiation Sciences and Applications (1-4 December 2008, Sharm El-Sheikh). Participating by oral presentation "Susceptibility of F1 *Galleria mellonella* to EPN".
- **December 2009:** Participating in the first EuroMed Conference "Plant Natural Products: from Biodiversity to Bioindustry", National Research Center (8 - 10 December 2008, Cairo, Egypt).
- **March 2010:** Participating and Member of the organizing committee of 2nd International Conference in Radiation Sciences and Applications (28 March - 1 April 2010, Marsa Alam).
- **November 2012:** Member of the organizing committee of the third 3rd International Conference in Radiation Sciences and Applications (12 -16 November 2012, Hurghada).
- **October 2014:** Coordinator the fourth International Conference on Radiation Sciences and Applications (13-17 October 2014, Sol Taba Red Sea, Taba- Egypt).
- **May 2015:** Participating in the International Conference "Agriculture and Environment for Sustainable Development", Organized by Agriculture and Biological Research Division, National Research Center, Cairo, Egypt (25-27 May, 2015).
- **6 August 2016:** Participating in the Symposium "Food Safety and Irradiation Techniques" Organized by Egyptian Society of Food Safety in contribution with National Center for Radiation Research and Technology, Egyptian Atomic Energy Authority.
- **December 2016:** Coordinator of the 5th International Conference on Radiation Sciences and Applications (7-11 December 2016, Luxor-Aswan, Egypt).

Training Course

- **February 2007:** Contributed in organizing the "Radiation and Integrated pests Management Programs" training course held at Atomic Energy Authority under patronage of Arab Atomic Energy Agency (25 February - 1 March 2007, Cairo - Egypt).
- **March 2008:** Contributed in organizing the "Radiation and Integrated pests Management Programs" training course held at Atomic Energy Authority under

patronage of Arab Atomic Energy Agency.

- **March 2008:** Contributed in organizing the "Radiation and Integrated pests Management Programs" training course held at Atomic Energy Authority under patronage of Arab Atomic Energy Agency.
- **10–16 June 2013:** Participating in the "Radiation and Integrated pests Management Programs" training course held at Arab Atomic Energy Agency, Tunisia.
- **13-18 December 2014:** Organizing training course “Entomopathogenic Nematodes: Identification and Isolation” at National Center for Radiation Researches and Technology - Egyptian Atomic Energy Authority in contribution with Arab Atomic Energy Agency.
- **15 December 2015:** Participating in the “Ultra-modern Era in Microscopic Examination using Electron Microscope (TEM & SEM)” workshop held at the Regional Center for Mycology and Biotechnology in collaboration with Science and Technology Development Fund (STDF).
- **27–31 March 2016:** Participating in the "Real-time PCR and its uses in molecular biology" training course held at Atomic Energy Authority, Egypt.
- **26 February – 2 March 2017:** Participating in the "Real-time PCR and its uses in molecular biology" training course held at Atomic Energy Authority, Egypt.
- **March – April 2017:** Attend bioinformatics workshop (From module 1 to module 6) organized by Researches Development Unit, National Center for Radiation Research and Technology in collaboration with Bioinformatics Training Unit.

Scientific Societies and Journals Contribution:

- Co- founder of the Egyptian Society of Radiation Sciences and Applications.
- 2013 till now: Treasurer of the Egyptian Society of Radiation Sciences and Applications.
- Associate Editor- in chief at Journal of Radiation Researches and Applied Sciences.
- Associate Editor- in chief at Journal of Nuclear Technology in Applied Sciences.
- Member in Egyptian Society of Biological Pest Control.

Language:

- Arabic Tongue.
- English Fluent (written and spoken).

Computer Skills:

- Microsoft Word.
- Microsoft Excel.
- Microsoft Power point.
- Adobe Photoshop.

Awards:

- Egyptian Atomic Energy Authority Medal for organizing 1st International Conference in Radiation Sciences and Applications (1 - 4 December 2008, Sharm El-Sheikh).
- Best article award, 1st International Conference in Radiation Sciences and Applications (1 - 4 December 2008, Sharm ElSheikh).
- Appreciation certificate for organizing 2nd International Conference in Radiation Sciences and Applications (28 March 1 April 2010, Marsa Alam).
- Appreciation certificate for organizing 3rd International Conference in Radiation Sciences and Applications (12 -16 November 2012, Hurghada).
- Appreciation certificate for organizing 4th International Conference on Radiation Sciences and Applications (13-17 October 2014, Sol Taba Red Sea, Taba- Egypt).
- Appreciation certificate for organizing 5th International Conference on Radiation Sciences and Applications (7-11 December 2016, Luxor-Aswan, Egypt).

List of Publications:

1. Salem, H.M.; M.A. Hussein; S.E. Hafez; M. A. Hussein and **R.M. Sayed** (2014): Ultrastructure Changes in the haemocytes of *Galleria mellonella* larvae treated with gamma irradiated *Steinernema carpocapsae* BA2. Journal of Radiation Research & Applied Science, 7(1): 74-79.
2. **Sayed, R.M.**; Khidr, A.A. and Hemat Z. Moustafa (2014): Chitosan Efficiency against the Cotton Leaf worm *Spodoptera littoralis* (Boisd.). Egyptian Journal of biological pest control, 24(2): 461 – 464.
3. Hussein, O.S.; **Sayed, R.M.** and Saleh, O.I. (2015): Uses of Jellyfish in Pre Sowing Seeds Treatment and Pest Control. American Journal of Experimental Agriculture, 5(1): 60 – 69.
4. Mona A. Hussein and **Sayed, R.M.** (2015): Insecticidal and Biochemical Characterization of Rice Husk Oil. Advances in Biochemistry & Biotechnology, 1(1): 1-9.
5. **Sayed, R.M.**; Khidr, A.A. and Hemat Z. Moustafa. (2015): Changes in defense mechanism related to controlling *Spodoptera littoralis* larvae by gamma irradiated *Steinernema carpocapsae* BA2. J. Ent. Res., 39 (4): 287-292.

6. Hamza, A.F.; **Sayed, R.M.** and Zahran, N.F. (2016): Toxic and Antifeedant Activity of *Moringa oleifera* Leaf Extracts and/or Gamma Radiation against *Spodoptera littoralis* Larva. Egyptian Journal of biological pest control, 26(3): 551-556.
7. Hamza, A.F.; Zahran, N.F. and **Sayed, R.M.** (2016): Fatty and Amino acids composition of *Bactrocera zonata* as affected by substerilizing and sterilizing doses of Gamma radiation. Journal of Entomology and Zoology Studies; 4(6): 713-717.
8. Hanaa M. Ali, Hemat Z. Moustafa and **Rehab M. Sayed** (2016): Alterations in Biomarkers Associated with Sterility in *Pectinophora gossypiella* (Saunders) Induced by Gamma Irradiation. Brazilian Archives of Biology and Technology. Accepted.
9. Abdo, R.S.; Sayed, A.R. and **Sayed, R.M.** (2017): Changes occurred in the testes and DNA pattern of males wax moth (*Galleria mellonella*) first generation as a result of irradiation of their parents. Bulletin of Entomological Research. 107(4): 493-498.
10. **Sayed, R.M.** and Souad A. Shairra (2017): Enhancing the Efficacy of Entomopathogenic nematodes by Gamma Radiation in Controlling *Spodoptera littoralis* larvae. Journal of Radiation Research and Applied Sciences, 10(2): 97-102.
11. Zaghloul Y.S.; **Sayed R.M.** and Abdallah R.S. (2017): Study the impact of gamma irradiation on the vitellogenin gene in *Galleria mellonella* females by using the comparative CT method. Journal of Radiation Research and Applied Sciences, 10(3): 214 - 218.
12. Zahran, N.F.; Hamza, A.F. and **Sayed, R.M.** (2017): Changes in Genetic Characteristics of Males Peach Fruit Fly, *Bactrocera zonata* Irradiated with Gamma Radiation by RAPD-PCR Technique. Pakistan Journal of Zoology, 49(3): 951-956.
13. Magdia A.M. Hazaa, **Rehab M. Sayed**, Ragaa S. Abdalla (2017): Toxicological and Ultrastructure Studies in Control Greater Wax Moth, *Galleria mellonella* (L.) Using Gamma Radiation and/or Emamectin Benzoate. Egyptian Journal of biological pest control, 27(2): 195 - 203.
14. **Rehab Mahmoud Sayed** and Nagwan Fahmy Zahran (2017): Biological and Biochemical Alterations Associated with Sterility Induced by Gamma Radiation on Parents and First Generation Males of *Helicoverpa armigera* (Hübner). Egyptian Academic Journal of Biological Sciences (A. Entomology), 10(3):43–51.
15. **Rehab M. Sayed**, Sameh G. Saweries, Hanaa M. Ali (2017): Promotion of Some Biological Aspects in *Apis mellifera* Linnaeus Workers by Gamma Irradiation. Entomological News, Accepted.