



SAAD HAMDY DAIF MASRY

Associate Professor

<p>PERSONAL INFORMATION</p>	<p>Full Name: Affiliations: Address: Mobile No.: E-mail: Important links:</p>	<p>Saad Hamdy Daif Masry</p> <p>Department of Plant Protection and Biomolecular diagnosis, Arid Lands Cultivation Research Institute, City of Scientific Research and Technological Applications</p> <p>Universities and Research Centers District, New Borg El-Arab City, Alexandria, Egypt P.O. Box: 21934 Alexandria</p> <p>+971503039495</p> <p>sahmasry@yahoo.com</p> <p>Scopus page: https://www.scopus.com/customer/settings.url?zone=TopNavBar&origin=NO%20ORIGIN%20DEFINED</p> <p>Google scholar page: https://scholar.google.com/citations?hl=en&user=BMXjdOgAAAAJ&view_op=list_works&sortby=pubdate</p> <p>Researchgate page: https://www.researchgate.net/profile/Saad_Masry</p> <p>Academia page: https://mucsat.academia.edu/SMasry/Papers?s=email#</p>
<p>EDUCATION</p>	<p>Ph.D. in Agricultural Science (Entomology), Economic Entomology and Pesticides Dept., November 2010, Faculty of Agriculture, Cairo University Co-operation with Humboldt University of Berlin under channel system program scholarship. Thesis entitled “The effect of different genetic origins of the grafted larvae on the characters and some behaviours of the reared queens in honeybee colonies”.</p> <p>M.Sc., in Agricultural Science (Entomology), Economic Entomology and Animal Zoology Dept., September 2002, Faculty of Agriculture, Menoufiya</p>	

	<p>University, Egypt. Thesis entitled “Ecological and bio-control studies of some pests infesting onion and garlic crops”.</p> <p>B.Sc. in Agricultural Sciences, Department of plant protection June 1995 Final grade (Very Good), Faculty of Agriculture, Menoufiya University, Egypt.</p>
<p>ACTIVITIES</p>	<p>Scientific Activities</p> <p>15th December 2018 until now Leader Researcher, Abu Dhabi Agriculture and Food Safety Authority (ADAFSA), Abu Dhabi, UAE.</p> <p>15th March 2016 until now Associate Professor, Department of Plant Protection and Biomolecular diagnosis, Arid Lands Cultivating Research Institute, City of Scientific Research and Technological Applications (SRTA-City), New Borg El-Arab City, Alexandria, Egypt.</p> <p>1st April 2012 to 14th March 2016 Researcher, Department of Plant Protection and Biomolecular diagnosis, Arid Lands Cultivating Research Institute, City of Scientific Research and Technological Applications (SRTA-City), New Borg El-Arab City, Alexandria, Egypt.</p> <p>30th December 2010 to 31st March 2012 Researcher, Pests & Plant Protection Dept. National Research Centre, Cairo Egypt.</p> <p>08th May, 2004 to 29th November 2010 Assistant researcher, Pests & Plant Protection Dept. National Research Centre, Cairo Egypt.</p> <p>10th January, 2001 to 06th May, 2004 Agriculture engineer, Plant Protection Research Institute, Agriculture Research Centre, Cairo Egypt.</p> <hr/> <p>Administrative Activities</p> <p>12th February 2018 to 1st October 2018 The head of the pest control unit (SRTA-City).</p> <p>1st November 2012 to 1st October 2018 The Executive Director of the experimental farm (SRTA-City).</p> <p>1st November to 1st December 2012 The Financial and administrative supervisor of the experimental farm (SRTA-City).</p> <p>29st July 2012 to 30th June 2018</p>

	<p>Security of the Arid lands Cultivation Research Institute (ALCRI) council, (SRTA-City).</p> <p>Extra-curriculum Activities</p> <p><u>SCIENTIFIC MISSION</u></p> <ul style="list-style-type: none"> ▪ Internal mission, Ministry of Higher Education and Scientific Research, National Research Centre, 27/1/2008- 9/7/2010. ▪ Scholarship mission for PhD under channel system program to Länderinstitut für Bienenkunde Hohen Neuendorf, Germany, 26/1/2008- 26/1/2010. ▪ Internal mission, Ministry of Higher Education and Scientific Research, National Research Centre, 28/5/2007- 25/1/2008. <p><u>CONFERENCES, WORKSHOPS, SYMPOSIUMS, SEMINARS, FORUM & TALKS</u></p> <ul style="list-style-type: none"> ▪ Organizer and participate more than 50 local and international events
<p>GRANTS & AWARDS</p>	<p>Grants</p> <p>Membership of project “Management strategy of climate change effects on pest control and yield of olive trees” National projects, National Research Centre, Egypt, (2016-2019).</p> <p>Membership of project “Semi-industrial production of bio-active bacteriocin against potato brown rot disease” STDF, Egypt from 2014- 2017.</p> <p>Membership of project “Evaluation of the energy crop <i>Jatropha curcas</i> as a mean to promote renewable and sustainable energy for the Mediterranean region (JatroMed)” co-funded by the European commission and the partner countries from 2013- 2016.</p> <p>Membership of project “Biotechnological exploitation of biological control strategies for eco-friendly pest management” National projects, National Research Centre, Egypt, (2011-2014) "Cooperation with South Africa".</p> <p>Membership of project “Sustainable Microbial Control for Pests of Important Agricultural Vegetable Crops” Local projects, National Research Centre, Egypt: Project No. 9050206 (2010-2013).</p> <p>Membership of project “Integrated application of biological materials to increase production and manufacture of dates” Local projects, National Research Centre, Egypt: Project No.9050203 (2010-2013).</p>

	<p>Membership of project “Integrated control of honeybee pests and diseases” Local projects, National Research Centre, Egypt: Project No.7071110 (2004-2007).</p>
	<p>Awards The best PhD of the year 2010 in the field of Agriculture science and Animal Production, 3/5/2011</p>
<p>LIST OF PUBLICATIONS</p>	<p>Masry S.H.D. and El-Wakeil N.E. (2020). Egg parasitoid production and their role in controlling insect pests. Published in book entitled Cottage Industry of Biocontrol Agents and Their Applications: Practical Aspects to Deal Biologically with Pests and Stresses Facing Strategic Crop (Elwakeil et al. (eds.)) ISBN 978-3-030-33160-3, © <i>Springer Nature Switzerland AG</i> 2020, 3-47 pp. https://doi.org/10.1007/978-3-030-33161-0_1</p> <p>El-Sohamiy S., Saad H.D. Masry, Mohamed G. Shehata, Yasmine A. T. Abd El-Motelb, Tarek A. Essa, Saad N. El-Kahatani, Mahmoud E. Nour (2020). Isolation, Identification and Antimicrobial Activity of Unprecedented Lactic Acid Bacterial Isolates from Honeybees. <i>Pakistan Journal of Biological Sciences</i>. 23 (4): 467-477 DOI: 10.3923/pjbs.2020.467.477</p> <p>Al Nagggar, Y.; Dabour, Kh., Masry, S., Sadek, A., Naiem, E. and Giesy, J.P. (2020). Sublethal effects of chronic exposure to CdO or PbO nanoparticles or their binary mixture on the honey bee (<i>Apis mellefera</i> L.). <i>Environ. Sci. Pollut. Res.</i>, 27: 19004–19015. https://doi.org/10.1007/s11356-018-3314-2</p> <p>Masry, Saad H.D.; Abd El-Wahab, Tarek E. and Rashad, Mohamed A. (2020). Evaluating the efficacy of Jatropha oil extract against Varroa mites infested honey bee colonies. <i>Egyptian Journal of Biological Pest Control</i>. (In Progress).</p> <p>Bedaida K. Ibtissam, Saad H. D. Masry, Mamache Bakir, Mohamed G. Shehata, Leyla Benammar, Ayachi Ammar (2020). Ethanolic extract of Algerian propolis induced cell damage in <i>Staphylococcus aureus</i>: A promising alternative as natural bio-preservatives in food products. <i>Acta Alimentaria, An International Journal of Food Science</i>. (In Progress)</p> <p>Dabour, K.; Al Nagggar Y., Masry S., Naiema E. and Giesy J. P. (2019). Cellular alterations in midgut cells of honey bee workers (<i>Apis mellefera</i> L.) exposed to sublethal concentrations of CdO or PbO nanoparticles or their binary mixture. <i>Science of the Total Environment</i>, 651 (1): 1356–1367. https://doi.org/10.1016/j.scitotenv.2018.09.311</p> <p>Abdel-Razek, A.; Masry, S., Hanaa Imbaby, Nawal Gaafar (2019). Efficacy of <i>Trichogramma</i> wasps for controlling tomato leaf miner <i>Tuta absoluta</i>.</p>

Archives of Phytopathology and Plant Protection. 52 (5-6): 443-457. <https://doi.org/10.1080/03235408.2019.1634782>

Mesbah, H. A.; Khadiga S. Moursi, Magda B. El-Kady, Saad H.D. **Masry**, Nadia M. Hassona and Yasmine A.T. Abd El-Motelb (2019). Comparative susceptibility of four olive cultivars for infestation by the olive psyllid, *Euphyllura straminea* Longnova in Burg El-Arab Area, Alexandria, Egypt. *Alexandria Science Exchange Journal*. 40 (3): 501-506. [DOI: 10.21608/asejaiqjsae.2019.52576](https://doi.org/10.21608/asejaiqjsae.2019.52576)

Masry, Saad H.D.; Abd El-Wahab, Tarek E. and Rashad, Mohamed A. (2019). Alternative Control Method for Varroa Mites. 2nd Arab Beekeeping Association International and 15th Asian Apicultural Association Conferences, Abu Dhabi, UAE, 1-4/4/2019.

Nadia, M. Hassona, **Masry** S.H.D., Magda B. Elkady, Kaandeil. M.A. (2019). Measurements of reproductive honeybee (*Apis mellifera* L.: Hymenoptera) swarming colonies at Borg El-Arab region, Alexandria. The 1st postgraduate researches conference, Faculty of Agriculture Saba Basha, Alexandria University, 5/2019, 1 (1): 1-7.

Ameen, A.A.; Saad H. D. **Masry**, Elgzzar H. and Ekhlal H. Badwy (2019). A Biological study of propolis and curcumin on hepatotoxicity rats. Annual Conference of Faculty of Home Economy - Helwan University, Egypt, 2019.

Masry, S.H.D. (2017). Beekeeping history in Egypt. 45th Apimondia International Apicultural Congress, Istanbul, Turkey, 29/9 – 4/10/2017.

Masry, S.H.D.; Abdelaal, A.A.A. (2016). Impact of Arid land conditions on biological activities of honeybee colonies. *Journal of Entomology*, 13 (4):148- 154. [DOI: 10.3923/je.2016.148.154](https://doi.org/10.3923/je.2016.148.154)

Mahmoud, Y.A.; Ebadah, I.M.A., Abd-Elrazik, A.S., Abd-Elwahab, T.E. and **Masry**, S.H.D. (2015). Population fluctuation of tomato leaf miner, *Tuta absoluta* (Meyrick) (Lepidoptera: Gelechiidae) during winter and summer plantations in Egypt. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*. 6 (4): 647-652.

El Sohaimy, S.A.; **Masry** S.H.D., Shehata M.G. and Al-Hindi R.R. (2015). Evaluation of Functional Properties of Local and Imported Honey in Egypt. *American-Eurasian J. Agric. & Environ. Sci*. 15 (6): 1147-1154. [DOI: 10.5829/idosi.aje.2015.15.6.9529](https://doi.org/10.5829/idosi.aje.2015.15.6.9529)

Masry, S.H.D.; Abd El-Wahab T.E. and Nadia M. Hassona (2015). Origin, weight at emergence of virgin honey bee queens and its effect on acceptance during introduction. *Academic Journal of Entomology*, 8 (4): 174-182. [DOI: 10.5829/idosi.aje.2015.8.4.96198](https://doi.org/10.5829/idosi.aje.2015.8.4.96198)

El Sohaimy, S.A.; **Masry**, S.H.D. and Shehata M. G. (2015). Physicochemical characteristics of honey from different origins. *Annals of Agricultural Sciences*, 60 (2): 279-287. <https://doi.org/10.1016/j.aoas.2015.10.015>

- Masry**, S.H.D.; Bienefeld, K.; Ebadah I.M.A. and Abd El-Wahab T.E. (2015). Behavior of young and old worker bees towards introduced naturally mating and artificial insemination queens. Desert Technology 12th International Conference, Cairo, Egypt, 17-19/11/2015
- Masry**, S.H.D.; Kabeil S.A. and Hafez E.E. (2014). New *Paenibacillus larvae* bacterial isolates from honey bee colonies infected with Foulbrood disease in Egypt. *Biotechnol. & Biotechnol. Eq.*, 28 (2): 271-276. <http://dx.doi.org/10.1080/13102818.2014.906826>
- Masry**, S.H.D.; Ebadah I.M.A., Abd El-Wahab T.E., Nour M.E. and Ewies M.A. (2014). Quality of Egyptian honey bee *Apis mellifera lamarkii* queens reared in different colonies of honey bee races. Proc. 1st Apimondia Symposium on African Bees and Beekeeping, 11-16 Nov. 2014, Arusha, Tanzania "Poster".
- Fouda M.M.G.; El-Aassar M.R., El Fawal G.F., Hafez E.E. and **Masry**, S.H.D. (2014). K-Carrageenan/poly vinyl pyrrolidone/polyethylene glycol/silver nanoparticles film for biomedical application. *International Journal of Biological Macromolecules*. 74: 179-184. <http://dx.doi.org/10.1016/j.ijbiomac.2014.11.040>
- Mahmoud, Y.A.; Ebadah, I.M.A., Abd-Elrazik, A.S., Abd-Elwahab, T.E. and **Deif**, S.H. (2014). Efficiency of Different Colored Traps Baited with Pheromone in Capturing Tomato Adult Moth, *Tuta absoluta* (Meyrick) (Lepidoptera: Gelechiidae) during Summer Plantation. *World Applied Sciences Journal*, 30 (4): 406-412. [DOI: 10.5829/idosi.wasj.2014.30.04.14033](http://dx.doi.org/10.5829/idosi.wasj.2014.30.04.14033)
- El Sohaimy S.A. and **Masry** S.H.D. (2014). Phenolic Content, Antioxidant and Antimicrobial Activities of Egyptian and Chinese Propolis. *American-Eurasian J. Agric. & Environ. Sci.* 14 (10): 1116-1124. [DOI: 10.5829/idosi.aejas.2014.14.10.8648](http://dx.doi.org/10.5829/idosi.aejas.2014.14.10.8648)
- Masry**, S.H.D.; Ebadah I.M.A. and Abd El-Wahab T.E. (2013). Impact of honey bee colonies of different races on rearing *Apis mellifera lamarkii* queen larvae. *Egyptian Journal of Plant Protection*, 8(2): 28-35.
- Masry**, S.H.D.; Bienefeld, K., Ebadah I.M.A., Abd El-Wahab T.E., Nour M.E. and Ewies M.A. (2010). Larval acceptance and queen quality reared in colonies of different racial origin. *Bull. Ent. Soc. Egypt*, 87: 145-156.