



ELSAYED MANSOUR ELSAYED

Associate Professor of Plant Breeding and Genetics

Research interest

Conducting research towards enhancement of tolerance to abiotic stresses and resilience to climate change in field crops using classical and modern plant breeding tools

Education

European PhD in Plant Breeding and Genetics, Lleida University (UdL), Spain, April 2013, with qualification *cum laude*. Thesis entitled, Analysis of the efficiency in the Spanish National Barley Breeding Program. Past results and prospects for future improvements using molecular markers.

<http://www.tdx.cat/handle/10803/111291>

European PhD criteria

<http://inseed.cimr.pub.ro/en/documents/Legislatie%20Europeana/EURODOCTORATE.pdf>

M.Sc. in Plant Breeding and Genetics (120 ECTS), Mediterranean Agronomic Institute of Zaragoza (IAMZ, CIHEAM), Spain, joint with Lleida University (UdL), Spain, with qualification *cum laude*, October 2010. Thesis entitled, Yield gain and genotype by environment interaction in the Spanish National Barley Breeding Program.

<http://agris.fao.org/agris-search/search.do?recordID=QC2010600021>

Postgraduate Specialisation Diploma in Plant Breeding and Genetics (60 ECTS), The Mediterranean Agronomic Institute of Zaragoza (IAMZ), Spain, The International Centre for Advanced Mediterranean Agronomic Studies (CIHEAM), October 2008 to June 2009.

B.Sc. Agriculture and Crop Science, Faculty of Agriculture, Zagazig University, Egypt, June 2005, Excellent with honour degree “90.67%”.

Nationality: Egyptian

Date of birth: 10th July 1984

Civil status: Married
and have three kids

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Faculty of Agriculture, Zagazig University,
Egypt, P.C. 44511

Scopus: (*h-index* 14)
<https://www.scopus.com/authid/detail.uri?authorId=55329805400>

Google Scholar: (*h-index* 17)
<https://scholar.google.com/citations?user=DGSEpDQAAAAJ&hl=en>

**Publons: 74 verified reviews for scholarly
(peer-reviewed) journals**
<https://publons.com/wos-op/researcher/3015220/elsayed-mansour/peer-review/>

ResearchGate: 24.07
<https://www.researchgate.net/profile/Elsayed-Mansour>

Loop Frontiers: <https://loop.frontiersin.org/people/1161982/overview>

ORCID: <https://orcid.org/0000-0003-2987-4441>

Experience

**Feb. 2020
to present**

Associate Professor of Plant Breeding and Genetics (50% teaching + 50% research) Department of Crop Science, Faculty of Agriculture, Zagazig University, **Egypt**

**Aug. 2019 to
Feb. 2020**

Postdoctoral Researcher, Department of Genetics and Plant Production, Aula Dei Experimental Station, Spanish National Research Council, **Spain**

**Oct. 2018 to
Aug. 2019**

Associate Professor of Plant Breeding and Genetics (50% teaching + 50% research) Department of Crop Science, Faculty of Agriculture, Zagazig University, **Egypt**

**Sep. 2013 to
Oct. 2018**

Lecturer of Plant Breeding and Genetics (50% teaching + 50% research) Faculty of Agriculture, Zagazig University, **Egypt**

**Nov. 2008 to
Apr. 2013**

Research Assistant, Department of Genetics and Plant Production, Aula Dei Experimental Station, Spanish National Research Council, **Spain**

**Jun. 2012 to
Aug. 2012**

Visiting Scholar (Research), Department of Plant Breeding and Genetics, Oregon State University, **United States**

**Feb. 2011 to
Jul. 2011**

Visiting Scholar (Research), Department of Cell and Molecular Sciences, The James Hutton Institute, Invergowrie, Dundee, **Scotland, UK**

**Oct. 2005 to
Oct. 2008**

Teaching Assistant (50% teaching + 50% research), Department of Crop Science, Faculty of Agriculture, Zagazig University, **Egypt**

Permanent job description

- 50% teaching classic and modern plant breeding and genetics for undergraduate and postgraduate students, round table discussions, practical visits, and supervision four master and two PhD students.

Undergraduate courses

Principles of plant breeding, Improvement of self- and cross-pollinated crops, Specialized computer, and Statistics and experimental design

Postgraduate courses

Plant breeding and biotechnology, Evaluation of breeding outcomes, Selection and improving crop populations, Breeding for specific purposes.

- 50% conducting experimental trials, statistical analysis and writing manuscripts

Technical skills

- ✓ Conducting trials in field and nurseries for screening new genotypes under different environmental stress conditions
- ✓ Crossing excellent materials to create promising combinations in field crops as barley, wheat and maize
- ✓ DNA isolation, Polymerase Chain Reaction (PCR) and gel electrophoresis
- ✓ Using phenotypic and MAS for selecting new excellent adapted and high-yielding combinations through breeding programs
- ✓ Contributing to other tasks activities and projects research works when required

Software skills

- ✓ Using Genome studio and FlapJak to assess the quality of SNPs calls
- ✓ Constructing linkage map using Joinmap
- ✓ QTL analysis for multi-environment phenotypic data using Genstat
- ✓ Present the QTLs in Mapchart
- ✓ Analysing experiments in different designs using R programming, Genstat, SPSS and Statistix
- ✓ Constructing figures using GraphPad Prism
- ✓ Using EndNote to manage references
- ✓ Very familiar with Microsoft Excel

Fields of interest in research

Improving field crops using classical and modern plant breeding methods to obtain new genotypes perform better under normal and stress (biotic and abiotic) conditions as well as resilient to climate change.

Languages

Arabic (native), fluent in English and Spanish

Volunteer Work

- ✓ Volunteer training and organized visits to the farmers in Elsharqia governorate to explore their questions regarding agronomic management practices of different field crops.

Publications

1. **Mansour E.**, E. Igartua, Gracia M.P., A.M. Casas. Identifying stability patterns and adaptive genes in barley advanced lines for enhancing resilience to climate change under Mediterranean conditions (It is being edited and will be submitted to **Field Crops Research**).
2. Abd El-Hady M.A., Y.M. Abd-Elkrem, M.O. Rady, **E. Mansour**, K.A. El-Tarabily, S.F. AbuQamar, M.E. El-Temseh. **2022**. Impact on plant productivity under low fertility sandy soil in arid environment by revitalization of lentil roots. **Frontiers in Plant Science (IF= 6.63, Q1)**, Accepted, In Press.
3. Omar M., H.A. Rabie, S.A. Mowafi, H.T. Othman, D.A. El-Moneim, K. Alharbi, **E. Mansour**, M. Ali. **2022**. Multivariate analysis of agronomic traits in newly developed maize hybrids grown under different agro-environments. **Plants (IF= 4.66, Q1)**, 11(9), 1187.
4. ElShamey E.A., H.S. Hamad, K.S. Alshallash, M.A. Alghuthaymi, M.I. Ghazy, R.M. Sakran, M.E. Selim, M.A. ElSayed, T.M. Abdelmegeed, S.A. Okasha, S.I. Behiry, R. Boudiar, **E. Mansour**. **2022**. Growth regulators improve outcrossing rate of diverse rice cytoplasmic male sterile lines through affecting floral traits. **Plants (IF= 4.66, Q1)**, 11(10), 1291.
5. Swailam M.A., S.A. Mowafy, N.Z. El-Naggar, E. Mansour. **2022**. Genotypic variability and interrelationships among earliness and yield-related traits in bread wheat cultivars under different phosphorus levels and nitrogen forms. *Zagazig Journal of Agricultural Research*, 49(1), 1-8.
6. ElShamey E.A., R.M. Sakran, M.A. ElSayed, S. Aloufi, B. Alharthi, M. Alqurashi, **E. Mansour**, D. Abd El-Moneim. **2022**. Heterosis and combining ability for floral and yield characters in rice using cytoplasmic male sterility system. **Saudi Journal of Biological Sciences (IF= 4.05, Q2)**, 29(5), 3727-3738.
7. Kamara M.M., M. Rehan, A.M. Mohamed, R.F. El Mantawy, A.M. Kheir, D. Abd El-Moneim, F.A. Safhi, S.M. ALshamrani, E.M. Hafez, S.I. Behiry, M.M.A. Ali, **E. Mansour**. **2022**. Genetic potential and inheritance patterns of physiological, agronomic and quality traits in bread wheat under normal and water deficit conditions. **Plants (IF= 4.66, Q1)**, 11, 952.
8. Mannan M.; M.A. Tithi, M.R. Islam, M. Al Mamun, S. Mia, M. Rahman, M.F. Awad, A.I. ElSayed, **E. Mansour**, M. Hossain, **2022**. Soil and foliar applications of zinc sulfate and iron sulfate alleviate the destructive impacts of drought stress in wheat. **Cereal Research Communications (IF= 1.24, Q3)**, 1-11.
9. Sakran R.M., M.I. Ghazy, M. Rehan, A.S. Alsohim, **E. Mansour**. **2022**. Molecular genetic diversity and combining ability for some physiological and agronomic traits in rice under well-watered and water-deficit conditions. **Plants (IF= 4.66, Q1)**, 11, 702.

10. ElSayed A.I., A.H. Mohamed, M.S. Rafudeen, A.A. Omar, M.F. Awad, **E. Mansour**. 2022. Polyamines mitigate the destructive impacts of salinity stress by enhancing photosynthetic capacity, antioxidant defense system and upregulation of calvin cycle-related genes in rapeseed (*Brassica napus* L.). **Saudi Journal of Biological Sciences (IF= 4.05, Q2)**, 29, 3675-3686.
11. Selem E., A.A. Hassan, M.F. Awad, **E. Mansour**, E.M. Desoky. 2022. Impact of exogenously sprayed antioxidants on physio-biochemical, agronomic, and quality parameters of potato in salt-affected soil. **Plants (IF= 4.66, Q1)**, 11, 210.
12. **Mansour E.**, H.A.M. Mahgoub, S.A. Mahgoub, E.E.A. El-Sobky, M.I. Abdul-Hamid, M.M. Kamara, S.F. AbuQamar, K.A. El-Tarabily, E.M. Desoky, 2021. Enhancement of drought tolerance in diverse *Vicia faba* cultivars by inoculation with plant growth-promoting rhizobacteria under newly reclaimed soil conditions. **Nature Scientific Reports (IF= 4.996, Q2)**, 11:24142.
13. Swailam M., S. Mowafy, N. El-naggar, **E. Mansour**. 2021. Agronomic responses of diverse bread wheat genotypes to phosphorus levels and nitrogen forms in a semiarid environment. **SABRAO Journal of Breeding and Genetics (Q4)**, 53: 592-608.
14. Habibullah M., S. Sarkar, M.M. Islam, K.U. Ahmed, M.Z. Rahman, M.F. Awad, A.I. ElSayed, **E. Mansour**, M.S. Hossain, 2021. Assessing the response of diverse sesame genotypes to waterlogging durations at different plant growth stages. **Plants (IF= 4.66, Q1)**, 10, 2294.
15. **Mansour E.**, E.S.A. Moustafa, M.I.E. Abdul-Hamid, S.M.A.I. Ash-shormillesy, A.M.A. Merwad, H.A. Wafa, E. Igartua. 2021. Field responses of barley genotypes across a salinity gradient in an arid Mediterranean environment. **Agricultural Water Management (IF= 6.61, Q1)**, 258: 107206.
16. Desoky M.E., **E. Mansour**, E.E. El-Sobky, M.I. Abdul-Hamid, T. Fathi, H. Elakkad, S. Arnaout, R. Eid, K. El-Tarabily, M.T. Yasin. 2021. Physiological, biochemical and agronomic responses of faba bean to exogenously applied nano-silicon under drought stress conditions. **Frontiers in Plant Science (IF= 6.63, Q1)**, 12: 637783.
17. El-Mageed A., A. Taia, E.E. Belal, M.O. Rady, S.A. El-Mageed, **E. Mansour**, M.F. Awad, W.M.Semida. 2021. Acidified biochar as a soil amendment to drought stressed (*Vicia faba* L.) plants: influences on growth and productivity, nutrient status, and water use efficiency. **Agronomy (IF= 4.12, Q1)**, 11(7), 1290.
18. Kamara M.M., K.M. Ibrahim, **E. Mansour**, A.M.S. Kheir, M.O. Germoush, D. Abd El-Moneim, M.I. Motawei, A.Y. Alhusays, M.A. Farid, M. Rehan. 2021. Combining ability and gene action controlling grain yield and its related traits in bread wheat under heat stress and normal conditions. **Agronomy (IF= 4.12, Q1)**, 11: 1450.

19. Desoky E.S.M., A.S. Elrys, **E. Mansour**, R.S. Eid, E. Selem, M.M. Rady, E.F. Ali, G.A. Mersal, W.M. Semida **2021**. Application of biostimulants promotes growth and productivity by fortifying the antioxidant machinery and suppressing oxidative stress in faba bean under various abiotic stresses. **Scientia Horticulturae (IF= 4.34, Q1)**, 288: 110340.
20. El-Sanatawy A.M, S.M. Ash-Shormillesy, N. Qabil, M.F. Awad, **E. Mansour**. **2021**. Seed halo-priming improves seedling vigor, grain yield, and water use efficiency of maize under varying irrigation regimes. **Water (IF= 3.53, Q2)**. 13(15):2115.
21. Kamara M.M., N.A. Ghazy, **E. Mansour**, M.M. Elsharkawy, A.M.S. Kheir, K.M. Ibrahim. **2021**. Molecular genetic diversity and line × tester analysis for resistance to late wilt disease and grain yield in maize. **Agronomy (IF= 3.95, Q1)**, 11: 898.
22. **Mansour E.**, E.M. Desoky, M.M.A. Ali, M.I. Abdul-Hamid, H. Ullah, A. Attia, A. Datta. **2021**. Identifying drought-tolerant genotypes of faba bean and their agro-physiological responses to different water regimes in an arid Mediterranean environment. **Agricultural Water Management (IF= 6.61, Q1)**, 247: 106754.
23. Desoky E.S.M., A.R. Merwad, M.F. Abo El-Maati, **E. Mansour**, S.M. Arnaout, M.F. Awad, M.F. Ramadan and S.A. Ibrahim. **2021**. Physiological and biochemical mechanisms of exogenously applied selenium for alleviating destructive impacts induced by salinity stress in bread wheat. **Agronomy (IF= 3.95, Q1)**, 11(5), 926.
24. Moustafa E.S., M.M.A. Ali, M.M. Kamara, M.F. Awad, A.A. Hassanin, **E. Mansour**. **2021**. Field screening of wheat advanced lines for salinity tolerance. **Agronomy (IF= 3.95, Q1)**, 11(2): 281.
25. Moustafa E.S., E.S.E. El-Sobky, H.I. Farag, M.A. Yasin, A. Attia, M.O. Rady, M.F. Awad, **E. Mansour**. **2021**. Sowing date and genotype influence on yield and quality of dual-purpose barley in a salt-affected arid region. **Agronomy (IF= 3.95, Q1)**, 11(4): 717.
26. Desoky E.-S.M.; **E. Mansour**, M.M.A. Ali, M.A.T. Yasin, M.I.E. Abdul-Hamid, M.M. Rady, E.F. Ali. **2021**. Exogenously used 24-epibrassinolide promotes drought tolerance in maize hybrids by improving plant and water productivity in an arid environment. **Plants (IF= 4.66, Q1)**, 10, 354.
27. El-Sanatawy A.M., A.S. El-Kholy, M.M.A. Ali, M.F. Awad, **E. Mansour**. **2021**. Maize seedling establishment, grain yield and crop water productivity response to seed priming and irrigation management in a Mediterranean arid environment. **Agronomy (IF= 3.95, Q1)**, 11(4): 756.
28. Gharib M.A.H., N. Qabil, A.H. Salem, M.M.A. Ali, H.A. Awaad, **E. Mansour**. **2021**. Characterization of wheat landraces and commercial cultivars based on morpho-phenological and agronomic traits. **Cereal Research Communications (IF= 1.24, Q3)**, 49: 149–159.

29. Salem T.S.G., H.A. Rabie, S.A.E. Mowafy, A.E.M. Eissa, **E. Mansour**. 2021. Genetic variability and interrelationships among earliness characters, yield-related traits and fiber quality parameters in certain cotton genotypes. **Zagazig Journal of Agricultural Research**. 48: 967-974.
30. Attia A., S. El-Hendawy, N. Al-Suhaibani, M.U. Tahir, M. Mubushar, M.S. Vianna, H. Ullah, **E. Mansour**, A. Datta. 2021. Sensitivity of the DSSAT model in simulating maize yield and soil carbon dynamics in arid Mediterranean climate: Effect of soil, genotype and crop management. **Field Crops Research (IF= 6.15, Q1)**, 260:107981.
31. **Mansour E.**, E.S. Moustafa, E.S.M. Desoky, M.M.A. Ali, M.A.T. Yasin, A. Attia, N. Alsuhaibani, M.U. Tahir, S. El-Hendawy. 2020. Multidimensional evaluation for detecting salt tolerance of bread wheat genotypes under actual saline field growing conditions. **Plants (IF= 4.66, Q1)**, 9(10), 1324.
32. Desoky E., **E. Mansour**, M.A.T. Yasin, M.I.E., E.E.A. Elsobky, M.M. Rady. 2020. Improvement of drought tolerance in five different cultivars of *Vicia faba* with foliar application of ascorbic acid or silicon. **Spanish Journal of Agricultural Research (IF= 1.23, Q3)**, 18(2): e0802.
33. Salem T.S.G., H.A. Rabie, S.A.E. Mowafy, A.E.M. Eissa, **E. Mansour**. 2020. Combining ability and genetic components of Egyptian cotton for earliness, yield, and fiber quality traits. **SABRAO Journal of Breeding and Genetics (Q4)**, 52(4): 369-389.
34. Awaad H.A., **E. Mansour**, M. Akrami, H.E. Fath, A.A. Javadi, A. Negm. 2020. Availability and feasibility of water desalination as a non-conventional resource for agricultural irrigation in the MENA region: A review. **Sustainability (IF= 3.89, Q2)**, 12(18), 7592.
35. Abaza G., H. Awaad, Z. Attia, K. Abdel-lateif, M. Gomaa, S. Abaza, **E. Mansour**. 2020. Inducing potential mutants in bread wheat using different doses of certain physical and chemical mutagens. **Plant Breeding and Biotechnology (Q4)**, 8(3):252-264.
36. Gharib M.A.H, A.H. Salem, M.M.A. Ali, **E. Mansour**, N. Qabil. 2019. Genetic variation and interrelationships among agronomic traits in Egyptian bread wheat landraces and local cultivars. **Zagazig Journal of Agricultural Research** 46: 1755-1767.
37. **Mansour E.**, E.A. Moustafa, N.Z.A. El-Naggar, A. Abdelsalam, E. Igartua. 2018. Grain yield stability of high-yielding barley genotypes under Egyptian conditions for enhancing resilience to climate change. **Crop and Pasture Science (IF= 2.25, Q2)**, 69:681-690.
38. Abd-Allah H.T., H.A. Rabie, **E. Mansour**, A.A. Swelam. 2018. Genetic variation and interrelationships among agronomic traits in thirty bread wheat genotypes under water deficit and normal irrigation conditions. **Zagazig Journal of Agricultural Research** 45(4): 1209-1229.

39. **Mansour E.**, E.A. Moustafa, N. Qabil, A. Abdelsalam, H.A. Wafa, A. El Kenawy, A.M. Casas, E. Igartua. **2018**. Assessing different barley growth habits under Egyptian conditions for enhancing climate change resilience. **Field Crops Research (IF= 6.15, Q1)**, 224: 67-75.
40. Oraby M.A., A.A. El-Khawaga, **E. Mansour**, M.A. Megahed. **2018**. Assessing drought tolerance of sixteen barley genotypes under different irrigation treatments. **Zagazig Journal of Agricultural Research** 45(4): 1193-1208.
41. **Mansour E.**, A.M.A. Merwad, M.A.T. Yasin, M.I.E. Abdul-Hamid, E.E.A. Elsobky, H. Oraby. **2017**. Nitrogen use efficiency in spring wheat: genotypic variation and grain yield response under sandy soil conditions. **The Journal of Agricultural Science, Cambridge Core (IF= 2.60, Q2)**, 155:1407-1423.
42. **Mansour E.**, M.I. Abdul-Hamid M.T. Yasin, N. Qabil, A. Attia. **2017**. Identifying drought-tolerant genotypes of barley and their responses to various irrigation levels in a Mediterranean environment. **Agricultural Water Management (IF= 6.61, Q1)**, 194:58-67.
43. **Mansour E.**, E., Moustafa. **2016**. Estimation of combining ability and genetic components for yield contributing traits in spring barley under normal and salinity conditions. **Egyptian Journal of Agronomy**. 38:431-453.
44. **Mansour E.**, R.M.Y. Heakel. **2015**. Evaluation of barley genotypes under terminal heat stress at grain filling period using polyethylene tunnels. **Middle East Journal of Agriculture Research**. 4(4): 1101-1112.
45. Igartua E., **E. Mansour**, C.P. Cantalapiedra, B. Contreras-Moreira, M.P., Gracia, P. Fuster, J. Escribano, J.L. Molina-Cano, M. Moralejo, F.J. Ciudad, W.T.B. Thomas, I. Karsai and A.M. Casas. **2015**. Selection footprints in barley breeding lines detected by combining genotyping-by-sequencing with reference genome information. **Molecular Breeding (IF= 3.297, Q1)**, 35:1-14.
46. **Mansour E.**, A.M. Casas, M.P. Gracia, J.L. Molina-Cano, M. Moralejo, L. Cattivelli, W.T.B. Thomas, E. Igartua. **2013**. Quantitative trait loci for agronomic traits in an elite barley population for Mediterranean conditions. **Molecular Breeding (IF= 3.297, Q1)**, 33: 249-265.
47. Ponce-Molina L., A.M. Casas, M.P. Gracia, C. Silvar, **E. Mansour**, W.B.T. Thomas, G. Schweizer, M. Herz, E. Igartua. **2012**. Quantitative trait loci and candidate loci for heading date in a large population of a wide barley cross. **Crop Science (IF= 2.76, Q2)**, 52:2469-2480.
48. Gracia M.P., **E. Mansour**, A.M. Casas, J.M. Lllasa, B. Medina, J.L. Molina-Cano, M. Moralejo, A. López, P. López-Fuster, J. Escribano, F.J. Ciudad, P. Codesal, J.L. Montoya, E. Igartua. **2012**.

Progress in the Spanish national barley breeding program. **Spanish Journal of Agricultural Research (IF=1.23, Q3)**, 10:741-751.

Book chapters

- Ali, M.M.A., **E. Mansour**, and H.A. Awaad. **2021**. Drought Tolerance in Some Field Crops: State of the Art Review. In H. Awaad, M. Abu-hashim and A. Negm (Ed.) *Mitigating Environmental Stresses for Agricultural Sustainability in Egypt*, **Springer Nature Switzerland AG**, pp. 17-62.
- Elgharbawy, S.S., M.I.E. Abdelhamid, **E. Mansour**, and A.H. Salem. **2021**. Rapid Screening Wheat Genotypes for Tolerance to Heavy Metals. In H. Awaad, M. Abu-hashim and A. Negm (Ed.) *Mitigating Environmental Stresses for Agricultural Sustainability in Egypt*, **Springer Nature Switzerland AG**, pp. 175-186.

Conferences and workshops

Contributions

- **Oral presentation** on Enhancement resilience of field crops to climate change (Workshop). **June 8th, 2022, Zagazig University, Egypt.**
- **Seminar session presentation**; Highlights on experimental design, mixed model and genotype by environment (G×E) interaction. **February 3rd, 2020, Aula Dei Experimental Station, Spanish National Research Council, Spain.**
- **Oral presentation** on identification of drought tolerant genotypes under changing Mediterranean climate conditions (Workshop). **March 7th, 2018, Zagazig University, Egypt.**
- E. Igartua., **E. Mansour**, C. P. Cantalapiedra, W. T. B. Thomas, B. Contreras-Moreira, M. P. Gracia, P. López-Fuster, J. Escribano, J. L. Molina-Cano, M. Moralejo, F. J. Ciudad, I. Karsai, and A. M. Casas. Selection QTL in barley breeding lines detected by combining genotyping-by-sequencing with reference genome information (**Poster**). **20th EUCARPIA Conference Wernigerode, June 29th - July 4th, 2014, Germany.**
- **E. Mansour**, C. P. Cantalapiedra, A. M. Casas, B. Contreras-Moreira, M. P. Gracia, and E. Igartua. Selection footprints revealed by GBS in a barley breeding program (**Poster**). **COST TD801 StatSeq, 5th Workshop, April 24-26th, 2013, Helsinki, Finland.**
- **E. Mansour**, M. P. Gracia, A. M. Casas, J. M. Lasa, V. Martínez, B. Medina, J. L. Molina-Cano, M. Moralejo, A. López, P. López-Fuster, J. Escribano, F. J. Ciudad, P. Codesal, J. L. Montoya, P. M. Hayes, A. Cuesta-Marcos, and E. Igartua. Relationship between genotype-by-environment interaction and the vernalization requirements of barley in Spain (**Poster**). **VI Congreso de Mejora Genética de Plantas, Gijón, Spain, September 11-13th, 2012.**
- **E. Mansour**, J. L. Molina-cano, W. T. B. Thomas, M. P. Gracia, M. Moralejo, L. Cattivelli, A. M. Casas, and E. Igartua. QTL for agronomic traits at an elite barley population. **Poster. 19th**

Conferences and workshops

Attendance

- International Plant Genetics and Genomics Symposium. 1-3 November 2021 Faculty of Agriculture, **Assiut University, Egypt.**
- Global trends and impacts of biotech crops. December 9th, 2020, Association of Arab Universities and Association of Agricultural Research Institutions in the Near East & North Africa **ISAAA Webinar.**
- Physiological traits that might be relevant for future cereal breeding. December 16th, 2019, **University of Lleida, Spain.**
- Workshop on Physiology and Breeding of Grain Quality in Cereals. November 29th, 2019, Higher Technical School of Agronomic, Food and Biosystems Engineering, Polytechnic University, **Madrid, Spain.**
- 11th International Conference of Plant Breeding, October 3-4th, 2017, Faculty of Agriculture, Kafrelsheikh University, **Egypt.**
- Workshop on Wheat: post-harvest operations, organized by FAO and Agricultural Research Center, **Egypt**, July 12-13th, 2017.
- 10th International Conference of Plant Breeding, September 5-6th, 2016, Faculty of Agriculture, Menoufia University, **Egypt.**
- International workshop on climate change and combat desertification for agricultural production in Egypt. April 27th, 2016, National Research Centre, **Egypt.**
- Workshop on agricultural biotechnology applications. Agricultural Genetic Engineering Research Institute (AGERI), February 9th, 2016, Agricultural Research Center (ARC), **Egypt.**
- The Ninth International Conference for Plant Breeding, September 7th, 2015, Banha University, **Egypt.**
- Workshop on using new molecular markers techniques in breeding strategy March 26th, 2015, Ismailia, **Egypt.**
- The Fifth Field Crops Conference, November 18-20th, 2014, Agricultural Research Center, Giza, **Egypt.**
- The Eighth International Conference for Plant Breeding, May 14-15th, 2013, Kafrelsheikh University, **Egypt.**
- The Monogram Workshop, April 11-13th, 2011, University of Nottingham, **Nottingham, UK.**
- V Congreso de Mejora Genética de Plantas, July 7-9th, 2010, **Madrid, Spain.**

Advanced courses

- Predictive breeding tools for intensive and sustainable production under climate change scenarios. 17-26 January, IAMZ-CIHEAM, **Zaragoza, Spain**
- Introduction to the statistical analysis of genome-wide association studies (Online course) 5-9 July 2021, **University of Surrey, England, UK.**
- Statistical tools for plant phenomic data analysis. 20-24 January 2020, IAMZ-CIHEAM, **Zaragoza, Spain**

Participation in research projects

- A Novel standalone solar-driven agriculture greenhouse-desalination system: That grows its energy and irrigation water. Funded by Science, Technology, and Innovation Funding Authority (STIFA) of Egypt, and the British Council (BC) of UK (**2019-2022**).
- Assessment of Egyptian and Spanish barley genotypes under salinity and drought tolerance for enhancing resilience to climate change. Funded by Academy of Scientific Research and Technology, Egyptian Ministry of Scientific Research, (**2019-2021**).
- Improving yield potential and drought tolerance in wheat under Sinai conditions. Funded by the Egyptian government (**2016-2018**).
- QTL detection for adaptation and disease resistance in barley. Funded by the Spanish government (**2010 - 2012**).
- Genetics and development of plant materials in the Spanish National Barley Breeding Program. Funded by the Spanish government (**2008 – 2010**).

Scientific Reviewer

Agronomy (IF= 3.95, Q1), Agricultural Water Management (IF= 6.61, Q1), Frontiers in Plant Science (IF= 6.63, Q1), Archives of Agronomy and Soil Science (IF= 2.24, Q2), Agriculture (IF= 3.41, Q1), Plants (IF= 4.66, Q1), Journal of the Science of Food and Agriculture (IF= 4.13, Q1), Cells (IF= 7.67, Q1), International Journal of Molecular Sciences (IF= 6.21, Q1), Biology (IF= 5.17, Q1), Environmental Science and Pollution Research (IF= 5.19, Q2), Sustainability (IF= 3.89, Q2), Genes (IF= 4.14, Q2), Heliyon (IF= 3.78, Q2), Acta Physiologiae Plantarum (IF= 2.74, Q2), Horticulturae (IF= 2.92, Q), Annals of Applied Biology (IF= 2.77, Q2), Spanish Journal of Agricultural Research (IF= 1.23, Q3), Open Agriculture (Q2), Asian Journal of Agriculture and Biology (Q3), Plant Cell Biotechnology and Molecular Biology (Q4), International Journal of Agronomy (Q3), Journal of Cereals and Oilseeds, Zagazig Journal of Agricultural Research, Egyptian Journal of Desert Research.

<https://publons.com/wos-op/researcher/3015220/elsayed-mansour/peer-review/>

Scholarships

- **August 2019 to February 2020** Postdoctoral scholarship from Egyptian Ministry of Higher Education
- **June 2012 -August 2012:** Travel grants from Spanish Government to visit Department of Plant Breeding and Genetics, Oregon State University, **United States**
- **February 2011 - July 2011:** Travel grants from Spanish Government to visit Department of Cell and Molecular Sciences, The James Hutton Institute, Invergowrie, Dundee, **Scotland, UK**
- **2008-2013:** Scholarship totally funded by Spanish Ministry of Science and Innovation to obtain Ph.D. degree from Lleida University.

Academic awards and recognitions

- Zagazig University awards for encouraging publications in international journals (**2016-2020**)
- Dr. Fouad Radwan Al-Fiqi Award in Crop Science, Academy of Scientific Research and Technology, Ministry of Scientific Research, Egypt (**2018**).
- Award for Excellence in B.Sc. degree from Zagazig University (**2005**)

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