



Curriculum vitae



Personal data

Name Mahran Mokhtar Mohamed Ashry El Nagar
Present employment Professor of Vegetable Crop Science and Biotechnology
Institution Benha University, Faculty of Agriculture, Horticultural
Department, Moshtohor, Toukh, Qalyoubia, Egypt,
www.fagr.bu.edu.eg
Date of Birth May 5.1973
Place of Birth Qalyoubia, Egypt
Nationality Egyptian
Sex Male
Health Excellent
Family Status Married
Children Three
Languages Arabic, English and German
Computer Excellent in Microsoft office, Photoshop and Internet
Operating systems: Dos, Windows, Mac. and LUNIX.
Programming languages: R programming language
Data Analysis Programs: SAS, SPSS
Online Programs: BLAST <http://expasy.org/tools/blast/>
and all tools in NCBI databases
(<http://www.ncbi.nlm.nih.gov/>)
Software for molecular genetics: Primer Express,
Genotyper, STRUCTURE...etc.
Home Address (Egypt) El-Obour City, Qalyoubia, Egypt
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<http://www.bu.edu.eg/staff/mahranashry>

University education

Dates University

1991-1995 Bachelor, University of Zagazig (Benha Branch), Faculty of
Agriculture, Department of Horticulture, Qalyoubia, Egypt.
1996-1999 Master, University of Zagazig (Benha Branch), Faculty of
Agriculture, Department of Horticulture, Qalyoubia, Egypt
(Genetic and biotechnological studies on interspecific
hybridizations between *Cucurbita species*).



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2002-2006

Doctorate at the Department of Plant Breeding and Biotechnology, Institute of Plant Breeding, Seed Science, and Population Genetics, University of Hohenheim, Stuttgart, Germany (Biotechnological Investigations on Regeneration and Transformation in *Capsicum annuum* L.).

Positions Held

1995-1999

Demonstrator
Horticulture Department, Zagazig University (Benha Branch), Faculty of Agriculture-Moshttohor.
Moshtohor-Toukh, Qalyoubia, Egypt.

1999-2001

Assistant Lecturer
Horticulture Department, Zagazig University (Benha Branch), Faculty of Agriculture-Moshttohor.
Moshtohor-Toukh, Qalyoubia, Egypt

2006-2007

Assistant Professor
Horticulture Department, Benha University, Faculty of Agriculture-Moshttohor.
Moshtohor-Toukh, Qalyoubia, Egypt

2008-2009

Post-Doctor
Institute of plant physiology and biotechnology, University of Hohenheim, Stuttgart, Germany (Genetic Engineering for increasing abiotic stress tolerance of Solanaceous crop).

2009-2010

Lecturer
Plant Production Department, King Saud University,
College of Food and Agricultural Sciences.Saudi Arabia.

2010-2013

Assistant Professor
Horticulture Department, Benha University, Faculty of Agriculture-Moshttohor.
Moshtohor-Toukh, Qalyoubia, Egypt.

2013- 2017

Associate Professor
Horticulture Department, Benha University, Faculty of Agriculture-Moshttohor.
Moshtohor-Toukh, Qalyoubia, Egypt.

3/7/2018 – till now

Professor
Horticulture Department, Benha University, Faculty of Agriculture-Moshttohor.
Moshtohor-Toukh, Qalyoubia, Egypt.



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14/10/2018 – till now
7/3/2019 – till now

Coordinator of International Relations of Benha University.
Chairman of the committee to protect against corruption and combating corruption.

Grants

2001-2006

Ph.D. scholarship from the Minister of Higher Education, Department of Cultural Affairs and Missions, Egypt in the Institute of Plant Breeding, Seed Science, and Population Genetics, University of Hohenheim, Stuttgart, Germany (Biotechnological Investigations on Regeneration and Transformation in *Capsicum annuum* L.). www.uni-hohenheim.de.

2008-2009

Post-Doctoral Scholarship from Institute of plant physiology and biotechnology, University of Hohenheim, Stuttgart, Germany (Genetic engineering for increasing abiotic stress tolerance of Solanaceous crop). www.uni-hohenheim.de.

12/05/2014 – till 12.11.2014

Post-Doctoral Scholarship from Institute of Biosciences and BioResources (IBBR), U.O.S. Palermo, Italy
www.ibbr.cnr.it.

1/6/2016- till 30/11/2016

Post-Doctoral scholarship from the Minister of Higher Education, Department of Cultural Affairs and Missions, Egypt in the Institute of plant physiology and biotechnology, University of Hohenheim, Stuttgart, Germany (Genetic engineering for increasing drought tolerance of tomato). www.uni-hohenheim.de.

5/8/2017- till 27/10/2017

Post-Doctoral scholarship from the German Research Foundation (DFG) in the Institute of plant physiology and biotechnology, University of Hohenheim, Stuttgart, Germany (Oxophytodienoate reductase as tools to improve abiotic stress tolerance in tomato). www.uni-hohenheim.de.

28/6/2018- till 18/9/2018

Post-Doctoral scholarship from the German Research Foundation (DFG) in the Institute of plant physiology and biotechnology, University of Hohenheim, Stuttgart, Germany (Oxophytodienoate reductase as tools to improve abiotic stress tolerance in tomato). www.uni-hohenheim.de.



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Publications

Scientific dissertations:

M.Sc. Thesis: Genetic and biotechnological studies on interspecific hybridizations between *Cucurbita species.*, 1999.

PhD. Thesis: Biotechnological investigations on regeneration and transformation in *Capsicum annuum L.*, 2006.

List of Scientific Publications (with peer review process):

1. **Mercati, F., Fontana, I., Gristin, A., Martorana, A., El Nagar, M., De Michele, R., Fici, S. and Carimi, F. (2019).** Transcriptome analysis and codominant markers development in caper, a drought tolerant orphan crop with medicinal value. Scientific Reports, 9:10411, 1-16. <https://www.nature.com/articles/s41598-019-46613-x>.
2. **Eid, k., Abbas, M., Mekawi, E., El Nagar, M., Abdelhafez, A., Amin, B., Ali, I. and Ali, M. (2019).** Arbuscular mycorrhiza and environmentally biochemical enhance the nutritional status of *Helianthus tuberosus* and induce its resistance against *Sclerotium rolfii*. Ecotoxicology and Environmental Safety, 186, 109783.
3. **Badr, L. A. A., El-Nagar, M. A., Mohamed, M. H., Abou EL-Yazied, A. and Halawa, A. H. (2018).** Estimation of genetic components and heritability for fruits yield and quality characters in tomato (*Solanum Lycopersicom*). Annals of Agriculture Science, Moshtohor, 56 (3) 675-686.
4. **Badr, L. A. A., Abo-Sedera, F. A., El-Nagar, M. A., Aly, S.M. and Saad, M.A. (2018).** Effect of Nutrition and pruning Methods on productivity and quality of cucumber Hybrids in Greenhouse. Annals of Agriculture Science, Moshtohor, 56 (3) 696--708.
5. **Badr, L. A. A., Abo-Sedera, F. A., El-Nagar, M. A. and Arab I. M. Zeinab (2018).** Effect of nitrogen fertilizers forms on fruit yield and quality of squash plants (*Cucurbita pepo L.*). Annals of Agriculture Science, Moshtohor, 56 (3) 741-748.
6. **Badr, L. A. A., El-Nagar, M. A. and Yahia, S. M. (2018).** Mean Performance and Heterosis for Yield and Fruit Traits of Tomato under Drought Conditions. Annals of Agriculture Science, Moshtohor, 56 (2) 359-370.
7. **El Nagar, M. M. and Mekawi, E. M. (2017).** Genetic engineering to improve β -carotene content in pepper. Egyptian Journal of Plant Breeding, 21(7):1175– 1187.
8. **Abo Sedera, F.A., Badr, L. A., El Nagar, M. M., Abou EL-Yazied A. and EL-Badawy, M.S. (2017).** Response of strawberry plants to bio fertilization with methylotrophic bacteria and spray with methanol. Annals of Agriculture Science, Moshtohor, 55 (3). 607-624.
9. **El Nagar, M. M. (2017).** Genetic diversity in some foreign Cassava genotypes using SDS-protein electrophoresis and inter simple sequence repeat markers (ISSRS). Annals of Agriculture Science, Moshtohor, 55 (1). 73-82.
10. **Abo Sedera, F.A., Badr, L. A., El Nagar, M. M. and Ayad, M. A. M. (2016).** Inheritance of some Fruit Quality Characteristics of Melon. Middle East Journal of Agriculture Research, 5 (4) 789-809.



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11. **Badr, L. A., El Nagar, M. M., Shams, A. S. and Shaban, M. S. (2016).** Inheritance and nature of some economic characteristics in sweet corn. Egyptian Journal of Plant Breeding, 20(4) 60-80.
12. **El Nagar, M. M. and Mekawi, E. M. (2015).** Regeneration of pepper (*Capsicum annuum* L.) and evaluation of antioxidant compounds at various ripening stages. Paripex- Indian Journal of Research, 4 (8): 26-31.
13. **El Nagar, M. M. and Mekawi, E. M. (2015).** Evaluation of some biochemical properties in different tomato genotypes obtained from tissue culture technique. Global Journal for Research Analysis, 4(9): 189-193.
14. **El Nagar, M. M. and El -Zohiri, S. S. (2015).** Physiological and Biotechnological Studies on Some Local and Foreign Garlic Genotypes. Paripex-Indian Journal of Research, 4 (7): 6-11.
15. **Shams, A.; Abo sedera, F.; Abo Elyazid, A. El Nagar, M.; and Abdel Khalek, M. (2014).** Effect of spray with some safety compounds on growth and productivity of some strawberry cultivars. J. Plant Production, Mansoura Univ. 5 (8): 1419-1432.
16. **EL Nagar, M.M. and Mekawi, E. (2014).** Comparison of different genotypes of fennel (*Foeniculum vulgare* Mill.) in terms of chemical compounds extracted from seeds and in the callus induced from tissue culture. Current Science International 3(4): 445-453.
17. **EL Nagar, M.M. and Mekawi, E. (2014).** Comparison of different genotypes of rocket (*Eruca sativa*) in terms of chemical compounds extracted from seeds and in the callus induced from tissue culture. Middle East Journal of Agriculture Research, 3(4): 1074-1082.
18. **El Nagar, M. M. (2013).** Genetic engineering for increasing salinity tolerance in tomato. Australian Journal of Basic and Applied Sciences, 7 (1):433-440.
19. **El Nagar, M. M., Shafshak, Nadia S. A., Abo Sedera, F.A., Esmail, A. A. M. and Kamel, A., S. (2012).** Effect of foliar spray by some natural stimulating compounds on growth, yield and chemical composition of peas (*Pisum sativum* L.). Annals of Agriculture Science, Moshtohor, 50 (4). 1000-1013.
20. **El Nagar, M. M., Shafshak, Nadia S. A., Abo Sedera, F.A., Esmail, A. A. M. and Kamel, A. S. (2012).** Effect of bio and mineral fertilizer on growth and productivity of pea. Annals of Agriculture Science, Moshtohor, 50 (3) 297-310.
21. **El Nagar, M. M. (2012).** Studies on somatic embryogenesis and plant regeneration of squash (*Cucurbita pepo* L.). Annals of Agriculture Science, Moshtohor, 50 (1) 43-50.
22. **El Nagar, M. M. (2012).** Somatic embryogenesis of pepper (*Capsicum annuum* L.) and regeneration of transgenic plants after *Agrobacterium*-mediated transformation. Journal of Applied Sciences Research, 8 (11): 5550-5563.
23. **El Nagar, M. M. and Mekawi, E. M. (2012).** Yield components and chemical compositions of some potato cultivars: *in vitro* microtubers production and field performance. Research Journal of Agriculture and Biological Sciences, 8 (2): 235-244.
24. **Alhamdan, A. M., Alsadon, A. A., Khalil, S. O., Wahb-Allah, M. A., El Nagar, M. M. and Abdullah A. I. (2011).** Influence of storage conditions on seed quality and longevity of four vegetable crops. American-Eurasian Journal of Agriculture & Environment Science, 11 (3): 353-359.



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Book:

Ashry El Nagar, M. (2006). Biotechnological investigations on regeneration and transformation in (*Capsicum annum* L.). Grauer publish, Stuttgart, Germany, ISSN. PP. 119.

CONFERENCES:

- 1- **Abo-Sedera, F.A., L.A. Badr, M. M. ELNagar, A. Abou EL-Yazied and M.S. EL-Badawy (2017).** Response of strawberry plants to bio fertilization with methylotrophic bacteria and spray with methanol. "2nd International Sino-Egyptian Congress on Agriculture, Veterinary Sciences and Engineering" (2nd ISEC-AVE) Benha, Egypt, 7-10th October 2017.
- 2- **Badr, L. A., El Nagar, M. M., Shams, A. S. and Shaban, M. S. (2016).** Inheritance and nature of some economic characteristics in sweet corn. 10th International Conference of Plant Breeding" Plant breeding role in facing of environmental obstacles and climatic changes in Agriculture", Faculty of Agriculture, Menoufia University, Egypt, 5-6th September 2016.
- 3- **El Nagar, M. M. and Alsadon, A. A. (2012).** Development of transformation system for *Capsicum annum* L. genotypes. Minia International Conference for Agriculture and Irrigation in the Nile Basin Countries, 26th-29th March, 2012 El-Minia, Egypt.
- 4- **Aggour, A. R., Bader, L. A. and Ashry, M. M. (1999).** Biotechnological studies on interspecific crosses among some *Cucurbita species*. Proceedings of the first international conference, in Egypt, on plant tissue culture and its application. Pp. 255-275. 12-14 Sept. 1999. Cairo, Egypt.
- 5- **Scwekendiek, A., Ashry, M. and Weber, G. (2005).** Genetic transformation of *Capsicum* tissues with *Agrobacterium tumefaciens* requires acetosyringone. Poster Presentation at the Plant Biology 2005 Meeting of the American Society of Plant Biologists, Seattle, WA, USA, July 16-20, 2005.

Local workshops and conferences

1. "Discussion making and problem solving" Workshop held at Benha University from 14/11/2006 to 16/11/2006.
2. "New trends in teaching" Workshop held at Benha University from 05/12/2006 to 7/12/2006.
3. "Effective communication skills" Workshop held at Benha University from 09/01/2007 to 11/01/2007.
4. "Curricule design" Workshop held at Benha University from 16/01/2007 to 18/01/2007.



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5. "How to present scientific data" for young researchers German-Egyptian-Research-Long-term Scholarship(GERLS) on 28 September 2011, on the premises of the DAAD Office, 11, Sh. Saleh Ayoub Zamalek, Cairo.
6. Participate in the workshop on "Revolution of Nanotechnology" 27-29 November 2011 Cairo, Egypt held by Egyptian National Commission for UNESCO.
7. The 8th Workshop on Laser Technology & Applications (Nanostructures and Nanotechnology) December 25-2011 Cairo, Egypt held by Faculty of engineering, Shoubra, Benha Universit.
8. How to Write TEMPUS Proposal Workshop Fayoum University, Project Management Unit Building 1-2/2/2012 National TEMPUS Office (NTO) – Egypt.
9. 1st International Conference on Biotechnology Applications In Agriculture, Moshtohor-Hurghada, 18-22 February 2012, Faculty of Agriculture, Benha University, Egypt.
10. Cairo Climate Talks (CCT) on March 12th, 2012 at El Sawy Culturewheel, Cairo, Egypt held by the Embassy of the Federal Republic of Germany in Cairo, the British Embassy Cairo and the Ministry of State for Environmental Affairs.
11. The 6th Panel Discussion of the Cairo Climate Talks (CCT) On April 29th, 2012. at the DAAD. Held by the Embassy of the Federal Republic of Germany in Cairo and the Ministry of State for Environmental Affairs.
12. "Teambuilding for Teamleaders" on 15 February 2012, at the premises of the DAAD Office, 11, Sh. Saleh Ayoub Zamalek, Cairo.
13. Minia International Conference for Agriculture and Irrigation in the Nile Basin Countries, 26th-29th March, 2012 El-Minia, Egypt.
14. "University Management" Workshop held at Benha University from 23/07/2013 to 25/07/2013.
15. "Self-Evaluation and External Reviewing" Workshop held at Benha University from 23/07/2013 to 25/07/2013.
16. "Managing Time and Meeting" Workshop held at Benha University from 29/07/2013 to 31/07/2013.
17. "International Publishing of Scientific" Workshop held at Benha University from 05/08/2013 to 07/08/2013.
18. "Programme Specification and course maps" Workshop held at Faculty of Agriculture, Benha University from 09/12/2013 to 10/12/2013.
19. "Institutional Self-Evaluation for Higher Education" Workshop held at Faculty of Agriculture, Benha University from 23/12/2013 to 24/12/2013.
20. "Strategic Planning for Higher Education Institutions" Workshop held at Faculty of Agriculture, Benha University from 04/02/2014 to 05/02/2014.
21. "External Review for Higher Education Institutions" Workshop held at Faculty of Agriculture, Benha University from 11/02/2014 to 12/02/2014.
22. 1st International Conference on Biotechnology Applications In Agriculture, Moshtohor-Hurghada, 8-12 April 2014, Faculty of Agriculture, Benha University, Egypt.
23. Egyptian-Italian Science Day, Symposium held at National Research Center, Dokki, Cairo, Egypt 25 March 2015.
24. Annual Scientific of Horticulture Department conference in Faculty of Agriculture, Benha University, Egypt, 12 May 2015 (Application of Biotechnology of Horticulture).



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25. The 9th International conference of Agronomy, Moshtohor, 7-8, September 2015, Faculty of Agriculture, Benha University, Egypt.
26. Workshop 'How to get Scholarship from DAAD on 25 February 2016, at Benha University.
27. 3th International Conference on Biotechnology Applications In Agriculture, Moshtohor-Sharm Elshekh, 5-9 April 2016, Moshtohor -Sharm El-Sheikh, Egypt.
28. DKA Capacity Building workshop for the Administrative Staff of the Egyptian Universities, 9-10 December 2017, at the premises of the DAAD Office, 11, Sh. Saleh Ayoub Zamalek, Cairo. Grant Writing Workshop
29. "Grant Writing Workshop" on 7th & 8th of October 2019 at Research Park, Faculty of Agriculture, Cairo University.
30. Internationalization & Partnership workshop, by John McGovern, HE Advisor British Council on 18-11-2019 at Benha University, Egypt.

International workshops and conferences

1. 6. Meeting of the German Society for Plant Breeding 'From Genom to Variety', Feb. 27 - March, 1, 2002, Hohenheim, Stuttgart, Germany.
2. Intensive course in "Security in the laboratory-operating" hold at the University of Hohenheim, Stuttgart-Germany (02-02-2004 to 18-02-2004).
3. A scientific colloquium entitled "Food and Nutrition Security of the World: The Role of Biotechnology", May 10 - 11, 2006 Hohenheim University, Stuttgart, Germany.
4. Workshop entitled "Starting the Business Plan for your Biotechnology Business" hold at Badir for Biotechnology Incubator, Riyadh, Kingdom of Saudi Arabia (25th of March 2010).
5. Workshop "Protected Cultivation: Present Status and Future Trends towards Food and Water Security" hold at Riyadh, Kingdom of Saudi Arabia (6.04.2010 to 8.04.2010).
6. European Biotechnology week, conference in Bari, Italy, 6-12 October 2014.
7. "Publishing Research Articles" workshop on 21.07.2016 at University of Hohenheim, Stuttgart, Germany.
8. "Job Interview Training" workshop on 22.07.2016 at University of Hohenheim, Stuttgart, Germany.
9. International colloquium "Food security and nutrition in the context of the 2030 agenda: Science and knowledge for action", 27 September 2016 at University of Hohenheim, Stuttgart, Germany.
10. Workshop on "Crop protection, environmental science, bioscience" on October 24th, 2016 at Bayer CropScience AG, Industriepark Hoechst, Frankfurt am Main, Germany.



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11. Workshop on "Pharmaceuticals and Chemiapark" on October 25th, 2016 at Bayer Pharma AG, Wuppertal, Germany.
12. Workshop on "Crop science, consumer health, animal health" on October 26th, 2016 at Bayer CropScience AG, Monheim am Rhein, Germany.

(National training)

- 1- Training workshop about "Loop-mediated Isothermal Amplification (LAMP) Assay for Rapid and Sensitive Detection of Microbial Pathogens" held in Central Laboratory, Faculty of Veterinary Medicine, Benha University April 10th, 2016.
- 2- Training and development courses of staff skills, held at Benha University.

(International training)

- 1- "Genechip GCS 3000" conducted by Affymetrix professional trainer. April 27th-28th, 2010. The Center of Excellence in Biotechnology Research, King Saud University, Riyadh, Saudi Arabia.
- 2- "4300 DNA Analysis System" conducted by LI-COR professional trainer. May 19th-20th, 2010. The Center of Excellence in Biotechnology Research, King Saud University, Riyadh, Saudi Arabia.
- 3- "Management and usage of agrifood resources with the aim of fostering sustainable agriculture and forestry as well as reduction of the effects of climate changes" within training program Science for Diplomacy "DIPLOMAzia" 19 May-18 June 2014, Palermo, Italy.
- 4- "Somatic hybridization through protoplast culture and fusion" September 19th-October 20th, 2014. Institute of Biosciences and BioResources (IBBR), Division of Palermo, National Research council. Corso Calatafimi, 414-I-90129, Palermo, Italy.
- 5- "Methods of flow cytometric analysis of ploidy using Partec PAS flow cytometer" October 21th - November 11th, 2014. Institute of Biosciences and BioResources (IBBR), Division of Palermo, National Research council. Corso Calatafimi, 414-I-90129, Palermo, Italy.
- 6- "Agricultural environment controlling technologies for developing countries" June 16th-July 6th, 2015, Yangling, China.
- 7- "Biotechnology for improving abiotic stress resistance in vegetable crops" on 5/8/2017 to 27.10.2017 held at the Institute of plant Physiology and Biotechnology at University of Hohenheim, Stuttgart, Germany.

(Research projects)

- 1- Application of Biotechnology Techniques in Solanaceous Crops Improvement Under Arid Conditions. Fund from Institute of plant physiology and Biotechnology, Hohenheim University, Germany.
- 2- Improvement of Antioxidant Content in pepper (*Capsicum annuum* L). Through Genetic Transformation. Fund from Benha University, Egypt.
- 3- Production of transgenic potato plants tolerance to abiotic stress (Drought and Salinity). Fund from Benha University, Egypt.



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- 4- Genetic engineering for increasing drought tolerance in tomato. Fund from the Minister of Higher Education, Department of Cultural Affairs and Missions, Egypt in the Institute of plant physiology and Biotechnology, Hohenheim University, Germany.
- 5- Biochemical investigations to reduce acrylamide content and increase quality in processed potato products (P I). Fund from Benha University, Egypt.
- 6- Participating in the Agricultural Technology Utilization and Transfer Project (ATUT) began in 1996 to 2000 with the aim of profitably reorganizing Egypt's horticultural export.

Academic Activities and Responsibilities

Certain duties and responsibilities are provided including:

- Maintaining an atmosphere which fosters academic integrity.
- General supervision, counselling and coordination of graduate student programs.
- Recommending graduate candidates for admission.
- Maintaining a master file on all graduate students (an up-to-date collection of all official papers for each student in individual folders).
- Ensuring that Graduate Student Semester Reports from all graduate students are completed.
- Scheduling conferences with the student at least once every semester whether registered for research credit or not.
- Acquainting the student with departmental policies and providing personal counseling to help the student develop.
- Arranging space for the graduate student research project.
- Checking and approving all necessary graduate forms and requests for materials, travel and services.
- Assisting students in arranging for guidance committees
- Checking academic standing of the student at the end of each semester. If the student grade point average falls below 3.0 or a grade lower than 2.0 is obtained, a critical re-evaluation of the program should be made immediately with the Department Chairperson and Associate Chairperson.
- Making the initial acceptance of the thesis/dissertation, deciding when it is



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satisfactory for committee action, and scheduling the meeting of the guidance committee for the final oral examination.

- Seeing that an article based on the graduate thesis/dissertation is prepared and submitted for publication.
- Initiating the following forms for the M.Sc. and Ph.D. student:
 - a. Appointment of Guidance Committee
 - b. M.Sc. or Ph. D. Program Plan
 - c. Program Adjustment
 - d. Change of Status
 - e. Announcement form of Examinations in Departmental Newsletter
 - f. Report of Oral and Written Examination
 - g. Final Degree Certification
 - h. Checkout & Final Certification

Committees:

1. A member of the scientific laboratories and equipment of the Faculty of Agriculture, Benha University, Egypt, 2011/2012.
2. a member of the Council of the Department of Horticulture, Faculty of Agriculture, Benha University, Egypt.
3. Member of the Council of the Faculty of Agriculture, Benha University, Egypt, 2012/2013.
4. Executive Member lab biotechnology, Faculty of Agriculture, Benha University, Egypt.
5. Member of Strategic Planning in the quality assurance and accreditation unit, Faculty of Agriculture, Benha University, Egypt.
6. Member of the Organizing Committee of the Second International Conference on Biotechnology Applications In Agriculture, Moshtohor-Hurghada, 8-12 April 2014, Faculty of Agriculture, Benha University, Egypt.
7. Member of the Interview Committee for MSc., Ph.D. students and Post-Doctor of the Cultural Affairs and Missions Sector, Minister of Higher Eductaion, Egypt.
8. Member of selection committee for postgraduate scholarships-doctoral and postdoctoral fellowships programs in DAAD, Cairo, Egypt.
9. Member of selection committee for postgraduate scholarships-doctoral and postdoctoral fellowships programs in Cultural Affairs and Missions sector, Ministry of Higher Education, Egypt.
10. Member of the lists of arbitrators to examine the scientific production to fill the positions of professors and assistant professors in the Supreme Council of Egyptian Universities.



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Membership of Scientific Societies:

1. A member of the Egyptian Society of genetic science.
2. Member in the Egyptian Society for Plant Breeding.
 - Participation in the activities of the regional seventh week of community service and development environment from 23 to 26 March 2014, Faculty of Agriculture, Benha University, Egypt.
 - Participation in teaching many courses in training program in the field of plant tissue culture and biotechnology, Faculty of Agriculture, Benha University, Egypt.

Technical skills and competences

- Aware of using genetic lab basics facilities, devices, chemicals...etc. - My practical awareness increased by going to seminars, visiting research centers, training courses, hosting teachers from different universities ...etc. - Trained on the most newly advanced techniques in the field of the plant genetic improvement during my actual Master, Ph.d. and post.doc. - Laboratory Skills: PCR Based Techniques " SSR – ISSR" – Primer Extension - Sequencing – Real Time PCR Electrophoresis for both Nucleic Acids and Proteins – Protein extraction methods – DNA, RNA isolation and extraction methods - Analysis of gel images- Genetic transformation using Agrobacterium and Particle bombardment- Tissue culture - Somatic embryogenesis – Classic breeding- Vegetable crop production in the open field and under greenhouses.

Social skills and competences

- Good ability to adapt to multicultural environments, gained through my work experience abroad.
- Good communication skills.
- Teamwork skills gained through international co-operation.

References

A. R. Aggour (Prof. of Vegetable Breeding) Department of Horticulture, Faculty of Agricultural Sciences, University of Benha, Moshtohor, Toukh, Kalubia, Egypt.
Tel: +2-013-2460306, Fax: +2-013-2467786
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G. Weber (Prof. of Plant Breeding and Biotechnology)
Institute of Plant Breeding, Seed Science and Population Genetics (350C), Faculty of Agricultural Sciences, University of Hohenheim, Fruwirthstraße 21, 70593 Stuttgart, Germany.
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e-mail: weberg@uni-hohenheim.de

A. Schaller (Prof. of Plant Physiology and Biotechnology)
Institute of Plant Physiology and Biotechnology (260), Faculty of Natural Sciences, University of Hohenheim, Emil-Wolff-Str.25, 70593 Stuttgart, Germany.
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A. Stintzi (Dr. of Plant Physiology and Biotechnology)
Institute of Plant Physiology and Biotechnology (260),
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F. Carimi (Prof. of Plant breeding and biotechnology,
Head of the Institute of Biosciences and BioResources
(IBBR), Division of Palermo, National Research council.
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A. Alsadon (Prof. of Vegetable Breeding and
Biotechnology)
Department of Plant Production, College of Food and
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Kingdom of Saudi Arabia.
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