

**PERSONAL
INFORMATION**

Omer Hosni Mohamed Ibrahim

Omer H.M. Ibrahim



 Associate Professor, Department of Ornamental plants and landscape gardening, Faculty of Agriculture, Assiut University, Assiut, Egypt.
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 State personal website(s) : http://www.aun.edu.eg/arabic/membercv.php?M_ID=1357
 omer_hooo@yahoo.com

Sex: Male | Date of birth: 18/02/1980 | Nationality: Egyptian

Driving Licence: C | Blood group: AB+

ORCID <https://orcid.org/0000-0002-6628-219X>

Google Scholar <https://scholar.google.com/citations?user=s3YSGvwAAAAJ&hl=en>

Research gate https://www.researchgate.net/profile/Omer_Ibrahim2

Scopus <https://www.scopus.com/authid/detail.uri?authorId=56900857300>

Assiut Univ., Fac. Agric. http://www.aun.edu.eg/faculty_agriculture

**WORK
EXPERIENCE**

- 29/09/2016 – to date** **Associate Professor**
 Department of Ornamental Plants and Landscape Gardening, Faculty of Agriculture, Assiut University, Egypt
- 24/07/2011 – 28/09/2016** **Lecturer**
 Department of Ornamental Plants and Landscape Gardening, Faculty of Agriculture, Assiut University, Egypt
- 25/07/2006 – 23/07/2011** **Assistant Lecturer**
 Department of Ornamental Plants and Landscape Gardening, Faculty of Agriculture, Assiut University, Egypt
- 30/12/2001 – 24/07/2006** **Demonstrator**
 Department of Ornamental Plants and Landscape Gardening, Faculty of Agriculture, Assiut University, Egypt

EDUCATION

- 15/07/2016 – 14/01/2017** **Post-Doctoral Fellowship**
 Funded by DAAD Germany in Cooperation with the Egyptian Ministry of Higher Education
 At Institute for Breeding Research on Horticultural Crops, JKI Institute, Quedlinburg, Germany
- 01/03/2013 – 31/08/2013** **Post-Doctoral Fellowship**
 Funded by the Egyptian Ministry of Higher Education
 At Laboratory of Foodomics, CIAL (CSIC), Nicolas Cabrera 9, 28049 Madrid, Spain

- 22/06/2008 – 10/05/2011** **PhD**
 Biotechnology of Ornamental and Medicinal Plants,
 Department of Horticulture, Faculty of Viticulture and Horticulture, Agricultural University-Plovdiv, Bulgaria.
 Dissertation Title: "A Study of Biotechnological and Conventional Methods for Propagation of *Ginkgo biloba* L., *Taxus baccata* L., *Magnolia grandiflora* L. and *Magnolia x soulangiana* Soul.-Bod."
- 01/12/2001 - 25/06/2006** **M.Sc.**
 Agricultural Sciences,
 Department of Ornamental Plants and Landscape Gardening, Faculty of Agriculture, Assiut University, Egypt,
 Thesis Title: "Developing Pot Media from Local Farm Residues for Growing Ornamental Plants"
- 20/09/1997 – 01/06/2001** **B.Sc.**
 Department of Ornamental Plants and Landscape Gardening, Faculty of Agriculture, Assiut University, Egypt

ACADEMIC PUBLICATIONS

Plant *In vitro* Culture

1. Tawfik, A., **Ibrahim, O.**, Taha, M.A.A. (2018). Enhanced indirect organogenesis and efficient shoot multiplication of *Petunia hybrida*. Egypt. J. Hort., 46 (1): 13-28.
2. Tawfik, A., **Ibrahim, O.**, Abdul-Hafeez, E. Ibrahim, S. (2018). Optimizing micropropagation protocol for *Rosa hybrida* cv. Eiffel Tower with Improved *in vitro* rooting ability. Egypt. J. Hort., 45 (2): 323-335.
3. Nacheva, L., P. Gercheva, V. Ivanova, **Ibrahim, O.** (2015). Meta-topolin improves lateral bud proliferation in micropropagation of *Ginkgo biloba* L. 6th International Symposium on Production and Establishment of Micropropagated Plants, 19-24 April 2015, Sanremo, Italy.
4. **Ibrahim, O.**, P. Gercheva, L. Nacheva, V. Ivanova (2011). Biotechnological approaches for propagation of *Taxus baccata* L. – an endangered plant with important ornamental and pharmaceutical value. Proceedings of forth international symposium "Ecological approaches towards the production of safety food", Agricultural University-Plovdiv, Bulgaria, pp 111-117.
5. **Ibrahim, O.**, P. Gercheva, L. Nacheva, V. Ivanova (2011). Preliminary studies on *in vitro* propagation of *Ginkgo biloba* L. Proceedings of forth international symposium "Ecological approaches towards the production of safety food", Agricultural University-Plovdiv, Bulgaria, pp 117-123.
6. **Ibrahim, O.**; P. Gercheva and L. Nacheva and V. Ivanova (2011). Rooting of *in vitro*-raised microcuttings of *Magnolia grandiflora*, L. and *M. x soulangiana*, Soul.-Bod. Journal of Mountain Agriculture on the Balkans, 14 (4): 458-868.
7. **Ibrahim, O.**; P. Gercheva and L. Nacheva and V. Ivanova (2011). Silver nitrate as an effective agent for *in vitro* surface-sterilization protocol of *Taxus baccata* L. shoot explants. Journal of Mountain Agriculture on the Balkans, 14 (4): 894-906.

Phytochemistry and Biological Activity of Plant Extracts

8. Essam Y. Abdul-Hafeez, Mohamed A. A. Orabi, Omer H.M. Ibrahim, Olga Ilinskaya, Nazira Karamova (2019). *In vitro* cytotoxic activity of certain succulent plants against human colon, breast and liver cancer cell lines. South African Journal of Botany (submitted).
9. Mohamed I.A., G.S. Mohamed, E.Y. Abdul-Hafeez, **O.H.M. Ibrahim** (2017). Efficiency of sweet flag and curly parsley volatile oils compared with synthetic insecticides against *Ceroplastes rusci* on *Ruellia* plants. Hellenic Plant Protection Journal 10: 15-24, DOI

10.1515/hppj-2017-0002.

10. Karamova N.; S. Gumerova, G.O. Hassan; E.Y. Abdul-Hafeez; **O.H.M. Ibrahim**; M.A.A. Orabi; O. Ilinskaya (2016). Antioxidant and Antimutagenic Potential of Extracts of Some Agavaceae Family Plants. *BioNanoScience*, 6 (4): 591:593. DOI 10.1007/s12668-016-0286-x
11. Castro-Puyana M., A. Pérez-Sánchez , A. Valdés , **O.H.M. Ibrahim**, S. Suarez-Álvarez , J.A. Ferragut , V. Micol , A. Cifuentes , E. Ibáñez ,, V. García-Cañas (2016). Pressurized liquid extraction of *Neochloris oleoabundans* for the recovery of bioactive carotenoids with anti-proliferative activity against human colon cancer cells *Food Research International*, 99 (3): 1048-1055. <http://dx.doi.org/10.1016/j.foodres.2016.05.021>
12. YN Kamalova, VV Shtyreva, Essam Abdul-Hafeez, Omer HM Ibrahim, PV Zelenikhin, NS Karamova, ON Ilinskaya (2016). Cytotoxic and Apoptosis-Inducing Activity of Plants from the Family Asparagaceae in Relation to Human Alveolar Adenocarcinoma Cells. *Scientists Notes Kazan University. Science Series (Ученые Записки Казанского Университета Серия Естественные Науки)*, 158 (3): 338-350. (in Russian)
13. **Ibrahim, O.H.M.**; E.Y. Abdul-Hafeez and A.F. Mahmoud (2015). Antimicrobial and Antioxidant Activities of Stem Bark Extracts of Different Ornamental Trees. *Assiut Journal of Agricultural Sciences*, 46 (5): 19-32.
14. Abdul-Hafeez E.Y., A.F. Mahmoud and **O.H.M Ibrahim** (2015). Antibacterial Activities and Phytochemical Screening of *Alhagi pseudalhagi*. *Assiut Journal of Agricultural Sciences*, 46 (5): 33-47.
15. **Ibrahim, O.H.M.**; E.Y. Abdul-Hafeez and Wafa H. Abdalla (2016). Assessment of Two Newly Introduced Parsley Varieties for Productivity and Quality as Affected by Iron and Magnesium Foliar Application under Upper Egypt Conditions. *Assiut Journal of Agricultural Sciences*, 47 (1): 75-88.
16. Abdul-Hafeez, E.Y.; **O.H.M. Ibrahim**; A.F. Mahmoud and Abo-Elyours, K.A.M. (2016). Effect of *Schinus molle* and *Schinus terebinthifolius* Extracts on Sweet Pea Damping-off. *Assiut Journal of Agricultural Sciences*, 47 (1): 63-74.
17. Mousa, G.T.; S.S.A. Abdel-Rahman; **O.H.M. Ibrahim** and Hala B. Soliman (2019). Improving Rooting Characteristics in Air-layers of *Ficus elastica* var. *decora* Using Indole-3-butyric Acid (IBA) in the Presence of *Bacillus subtilis* and Arbuscular Mycorrhizal Fungi. *Assiut J. Agric. Sci.*, 50 (2): 140-158. (Doi: 10.21608/ajas.2019.41428).
18. Abdel-Rahman, S.S.A.; **O.H.M. Ibrahim**; G.T. Mousa and Hala B. Soliman (2019). Combined Effects of Auxin Application and Beneficial Microorganisms on Rooting and Growth of *Ficus benjamina* L. Air-layers. *Assiut J. Agric. Sci.*, 50 (2): 120-139. (Doi: 10.21608/ajas.2019.43504)
19. **Ibrahim, O.H.M** (2019). Chelated Iron and Magnesium Boost Productivity and Anthocyanins Content in Calyces of *Hibiscus sabdariffa* L. *Assiut J. Agric. Sci.*, 50 (2): (93-108. (Doi: 10.21608/ajas.2019.41868)
20. Tawfik, A. A., Ibrahim, O. H. M., Abdul-Hafeez, E. Y., and Ismail, S. A. (2018). Effect of Cutting Type, Indol-3-Butyric Acid and the Growing Season on Rooting of Stem Cuttings of *Rosa hybrida* cv Eiffel Tower. *Journal of Plant Production*, Mansoura University, 9 (6), 537–542.
21. Ali, A.F.; **O.H.M. Ibrahim**; E.A. Hassan; E.H. Hamad; O.H. Tawfik (2016). Influence of foliar application of zinc, active yeast, salicylic acid and benzyladenine on Chrysanthemum plant. *J. Biol. Chem. Environ. Sci.*, 11 (3): 131:161.
22. Mousa G.T., E.Y. Abdul-Hafeez and **O.H.M. Ibrahim** (2015). Response of gardenia plants grown under various growth media and ferrous sulfate application. *Pakistan Journal of Agricultural Sciences*, 52(3): 651-658.
23. Abdul-Hafeez E.Y.; **O.H.M Ibrahim**; N.E.El-Keltawi (2015). Reuse of Wastewater from Phosphate Fertilizer Factories Can Combat Soil Alkalinity and Improve Quality of Potted Gardenia (*Gardenia jasminoides* Ellis). *Journal of Biodiversity and Environmental Sciences*, 6 (3): 423-433.
24. **Ibrahim O.H.M.**, Abdul-Hafeez E.Y., Abdel-Kader A.A.S (2016). Impact of climatic

Conventional Plant propagation and Production

- changes on safflower (*Carthamus tinctorius* L.) productivity: Improving growth and carthamin pigment content by sowing date adaptation and micronutrients foliar application. *Journal of Plant Production*, Mansoura University, 7(1): 77- 84
25. Gad M.M, Abdul-Hafeez E.Y., **Ibrahim O.H.M.** (2016). Foliar application of salicylic acid and gibberellic acid enhances growth and flowering of *Ixora coccinea* L. plants. *Journal of Plant Production*, Mansoura University, 7(1): 85-91.
 26. **Ibrahim, O.**; V. Ivanova and P. Gercheva (2010). Influence of growth regulators (IAA and GA3) and chilling treatment on propagation of *Ginkgo biloba* by seeds. Jubilee Scientific Conference with International Participation, Traditions and Challenges of Agricultural Education, Science and Business. 14-17th October, Agricultural University, Plovdiv, Scientific Works, vol. 55 (1): 315-320.
 27. Ivanova, V. and **O. Ibrahim** (2010). An investigation on using of growth regulators in propagation of *Taxus baccata* by cuttings. Jubilee Scientific Conference with International Participation, Traditions and Challenges of Agricultural Education, Science and Business. 14-17th October, Agricultural University, Plovdiv, Scientific Works, vol. 55 (1): 321-326.
 28. **Ibrahim, O.**; V. Ivanova; P. Gercheva and L. Nacheva (2010). Enhancement of seed germination and seedling growth in *Magnolia grandiflora* L. using pre-sowing treatment with growth regulators (IAA and GA3). Jubilee Scientific Conference with International Participation, Traditions and Challenges of Agricultural Education, Science and Business. 14-17th October, Agricultural University, Plovdiv, Scientific Works, vol. 55 (3): 97-102.
 29. El-Keltawi, N. E.; A.A. Tawfik; G.A. Hassan and **O. Ibrahim** (2013). Improving quality of composted rice straw and sawdust as peat substitutes for growing pot plants. The First Assiut International Conference of Horticulture, Hort. Dept., Fac. Agric., Assiut Univ., Assiut, Egypt, 24-25 Feb., 2013.
 30. El-Keltawi, N. E.; A.A. Tawfik; G.A. Hassan and **O. Ibrahim** (2012). Compost from rice straw and sawdust as growing media for pot plants. *Assiut Journal of Agricultural Sciences*, 43 (Special Issue): 66-80.

Supervision of MSc and PhD Theses

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|----------------------|---|
| Approved 2019 | MSc Thesis, entitled: Improving air layers production of two <i>Ficus</i> species by <i>Bacillus subtilis</i>, arbuscular mycorrhizal fungi and indole-3-butyric acid
By Hala besheer , Department of Ornamental Plants and Landscape Gardening, Faculty of Agriculture, Assiut University |
| Approved 2019 | MSc Thesis, entitled: Tissue culture studies on some ornamental plants
By Mona A.A. Taha , Department of Ornamental Plants and Landscape Gardening, Faculty of Agriculture, Assiut University |
| Approved 2018 | MSc Thesis, entitled: <i>In Vitro</i> and <i>In Vivo</i> Propagation of <i>Rosa</i> spp.
By Samar Amin Ismail Ibrahim , Department of Ornamental Plants and Landscape Gardening, Faculty of Agriculture, Assiut University |
| Approved 2016 | PhD dissertation, entitled: Response of <i>Chrysanthemum morifolium</i> plants to some laboratory and field treatments
By Osama Heshmat Tawfik Abd El-Rahim , Faculty of Agriculture, Al-Azhar University, (Assiut branch) |

CONFERENCES

- 25-26/03/2019** **The Eighth Scientific Conference of Agricultural Sciences**
Faculty of Agriculture, Assiut University, Assiut, Egypt
- 15-17/04/2018** **The Ninth International Conference for Development and Environment in the Arab World**
Assiut University, Assiut, Egypt
- 18/04/2015** **The Eighth Scientific Conference of Young Researchers**
Faculty of Agriculture, Assiut University, Assiut, Egypt
- 28/04/2014** **The Seventh Scientific Conference of Young Researchers**
Funded by the Egyptian Ministry of Higher Education
At Laboratory of Foodomics, CIAL (CSIC), Nicolas Cabrera 9, 28049 Madrid, Spain
- 23-25/03/2014** **The Seventh International Conference for Development and Environment in the Arab World**
Assiut University, Assiut, Egypt
- 12-13/03/2014** **Assiut University 9th International Pharmaceutical Sciences Conference**
Faculty of Pharmacy, Assiut University, Assiut, Egypt
- 24-25/02/2013** **The First Assiut International Conference of Horticulture**
Horticulture Department, Faculty of Agriculture, Assiut University, Assiut, Egypt
- 13-14/10/2012** **The Sixth Scientific Conference of Agricultural Sciences**
Faculty of Agriculture, Assiut University, Assiut, Egypt
- 13/05/2012** **The Sixth Scientific Conference of Young Researchers**
Faculty of Agriculture, Assiut university, Assiut, Egypt.
- 24-26/03/2012** **The Sixth International Conference for Development and Environment in the Arab World**
Assiut University, Assiut, Egypt
- 18-22/02/2012** **The First International Conference on Biotechnology Applications in Agriculture**
Faculty of Agriculture, Benha University, Moshtohor and Hurghada, Egypt.
- 14-17/10/2010** **The Jubilee Scientific Conference with International Participation: Traditions and challenges of agricultural education, science and business**
Agricultural University – Plovdiv, Bulgaria.

TRAININGS, WORKSHOPS AND SHORT COURSES

- 12-16/3/2019** **Advanced tissue culture techniques in the field of horticulture**
Faculty of Agriculture, Assiut University, Assiut, Egypt
- 03-05/03/2019** **Guidelines on good and safe practice for application of agricultural pesticides.**
Faculty of Agriculture, Assiut University, Assiut, Egypt
- 27/2/2019** **Molecular plant biology symposium, Molecular Genetics and Biotechnology Seminars (MGBS)**
Department of Genetics and Department of Floriculture, Faculty of Agriculture, Assiut University, Assiut, Egypt
- 15-20/01/2019** **Innovative post-harvest technologies for sustainable value chain of horticultural crops**
Faculty of Agriculture, Assiut University, Assiut, Egypt
- 09-12/11/2018** **Extraction of plant active compounds and essential oils**
Faculty of Agriculture, Assiut University, Assiut, Egypt
- 26/10 – 13/11/2015** **Plant genetic resources and seeds": Community resilience in the face of change: On-farm management of diversity for empowerment.**

- Organized by Wageningen University, In Jeypore & Chennai, INDIA
- 22-04/2013** **By Laws & Control Affairs, IT Training Center, Assiut University, Egypt.**
Faculty of Agriculture, Assiut University, Assiut, Egypt
- 7-8/04/2012** **Training Workshop on High Performance Liquid Chromatography (HPLC) and Gas Chromatography-Mass Spectroscopy (GC-MS).**
Pharmaceutical Service Center, Faculty of Pharmacy, Assiut University
- 8-10/10/2007** **Principles of Molecular Genetics.**
Biotechnology Laboratory, Faculty of Agriculture, Assiut University.
- 07/2007** **Organic Agriculture Training.**
National Project for Training on Organic Agriculture, Agriculture Center, Central Lab. of Organic Agriculture. In collaboration with Industry Renovation Center, Industrial Training Course
- 11-15/03/2007** **A Short Course on Plant Tissue Culture and Transformation.**
Genetic Engineering & Molecular Biology Research Center, Assiut Univ., In collaboration with Midwest Universities Consortium for International Activities (MUCIA), USA.
- 22/02/2007** **Active Learning Strategies.**
Assiut University, In collaboration with AERI Institutional Linkage Project, Midwest Universities Consortium for International Activities (MUCIA).
- 18/12/2006** **Arab El-Madabegh; the Problem and the Solution. Serial Sessions towards active interaction between the University and the Environment.**
Assiut University Center for Ecological Studies (AUCES), Assiut University
- 20-12/2005** **Genetically Modified Food session**
Genetic Engineering and Molecular Biology Center. Assiut University.
- 10-13/09/2005** **Exporting of Medicinal and Aromatic plants.**
Faculty of Agriculture, Assiut University in collaboration with Midwest Universities Consortium for International Activities (MUCIA), USA at Cairo, Egypt
- 14/09/2004** **Needs Assessment and Capacity Building Workshop.**
Faculty of Agriculture, Assiut University in collaboration with Midwest Universities Consortium for International Activities (MUCIA), USA at Cairo, Egypt
- 2002** **Preparing The University Teacher**
Faculty of Education, Assiut University

ADMINISTRATIVE POSITIONS

- 06/2019- to date** **Member of the Center of Excellence for Agriculture (COEA) funded by USAID**
Faculty of Agriculture, Assiut University, Assiut, Egypt
- 06/2014 - 06/2016** **Member, Board of Directors: Center of Turf Rolls, Compost and Fodder Production.**
Faculty of Agriculture, Assiut University, Assiut, Egypt
- 02/2012 - 11/2015** **Advisor of Ornamental Plants Nursery**
Faculty of Agriculture, Assiut University, Assiut, Egypt
- 2012 - to date** **Supervisor, Central Lab. of Plant Tissue Culture**
Faculty of Agriculture, Assiut University, Assiut, Egypt
- 2013 - 15/07/2016** **Director, Internet learning Unit & IT Unit**
Faculty of Agriculture, Assiut University, Assiut, Egypt
- 2011 - to date** **Member, Committee of Quality Assurance Unit**
Faculty of Agriculture, Assiut University, Assiut, Egypt
- 2011 - to date** **Advisor of several students of credit hour system, Faculty of Agriculture, Assiut**

University, Egypt

Faculty of Agriculture, Assiut University, Assiut, Egypt

2011 - to date

Member of organization committee of several conferences

Faculty of Agriculture, Assiut University, Assiut, Egypt

Participation in Scientific Projects

20/03/2016- 19/09/2018

Co-PI, Antitumor, Antibacterial and Antioxidant Potential of Phytochemical Compounds in Combined Therapy of Cancer cells. Project no. 13821

Funded by STDF Egypt in cooperation with RFBR Russia.

2013 - 2015

Associate Researcher GINKGO BILOBA – A GIFT FROM ANTIQUITY FOR THE FUTURE. Biotechnological and ecological approaches for study and propagation of Ginkgo biloba L. with the aim of using it in urban gardening, recultivation of industrial and infertile areas and production of biologically active substances.

Fruit-Growing Institute, Plovdiv, Bulgaria

Participation in Society Development Projects

01/04/2019 – 31/12/2019

Feed the Future, Egypt Rural Agribusiness Strengthening Project (ERAS). Funded by USAID

Abt Associates Inc.

07/2018 - 31/12/2018

Herbs and Spices Production Consultant, FAS Project (Feed the Future Egypt Food Security and Agribusiness Support) funded by USAID

Cultivating New Frontiers in Agriculture (CNFA), Egypt

PERSONAL SKILLS

Mother tongue(s) Arabic

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	Excellent	Excellent	Excellent	Excellent	Excellent
	TOEFL IBT with a score of 82, Msriya, Sohag, Egypt. (April 2012)				
Garman	Fair	Intermediate	Fair	Fair	Intermediate
	Gruendstufen I, The Center of German language, Assiut University under supervision from DAAD				

Communication skills

- good communication skills gained through my experience as a university teacher, a participant researcher in different international labs and as a team member of several international projects

- Organisational / managerial skills**
- leadership (currently responsible for several teams as a supervisor and manager as specified in the section of administrative positions)
- COMPUTER SKILLS**
- ICDL (International Computer Driving License)
 - MS-Dos & Win98 introduction
 - Windows operating system
 - Information technology (IT)
 - Spread sheets (MS Excel)
 - MS Word processing
 - Database (MS Access)
 - Presentations (MS PowerPoint)
 - FrontPage
 - Internet & MS Outlook
 - Adobe Photoshop
 - Computer maintenance
 - statistical analysis programs; MSTATC, SPSS, Statistix, Statistics
- Experience as a trainer**
- A Training Course; Ornamental Plants and Landscape Gardening. Organized on a regular basis by Horticulture (Floriculture) Department, Fac. Agric. Assiut Univ.
 - A Training Course; Basics and applications of plant in vitro culture. organized on a regular basis by the central labs, Fac. Agric. Assiut Univ.
- MEMBERSHIP**
- Agricultural Chemistry and Environmental Protection Society
- VOLUNTARY SERVICE / SOCIAL WORK**
- Supervising many activities of faculty students.
 - Agricultural Extension convoys for farmers of Assiut region, under the auspices of Assiut University in collaboration with the Egyptian Ministry of Agriculture.
 - Sharing in a project entitled " Targeting the most favored categories " organized by the Ministry of Social Affairs in collaboration with Assiut University (from May 1st to May 31st 2007).
 - Supervising afforestation of some Assiut Governorate suburbia.
 - Designing and implementing some landscape gardening inside the campus of Faculty of Agriculture, Assiut University.
- HOBBIES**
- Playing soccer
 - Table tennis
 - Reading
 - Plant care
 - Watching science fiction movies
 - Playing chess