

CURRICULUM VITAE

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Mohamed Hamed Arisha, PhD

Lecturer of

Vegetable breeding and biotechnology - Horticulture Department –
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Personal Details:

Date of Birth	28-09-1985	Nationality	Egyptian
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Education:

PhD <i>(Horticulture - Vegetable breeding and biotechnology)</i>	College of Horticulture, Northwest A&F University, Yangling, Shaanxi, P.R. China.	
	Title:	Ethyl methane sulphonate induced genetic variability for creating novel germplasm in pepper (<i>Capsicum annuum</i> cv B12)
M. Sc. (Horticulture)	Horticulture Department, Faculty of Agriculture, Zagazig University, Egypt.	
	Title:	Optimum Medium for Oyster Mushroom Production
B. Sc. (Horticulture)	Horticulture Department, Faculty of Agriculture, Zagazig University, Egypt. Final grade is Excellent with Honor degree	

Professional Experience:

- **2006 – 2010**, Work as demonstrator in Horticulture Department – Faculty of Agriculture – Zagazig University.
- **2007 – 2009**, Work as production specialist in Mushroom Research Lab. (Lecturer), Faculty of Agriculture, Zagazig University.
- **2010-2015**, Work as Assistant Lecturer in Horticulture department – Faculty of Agriculture – Zagazig University - Egypt
- **2015 to present** Lecturer in Horticulture department (Vegetable breeding and Biotechnology) – Faculty of Agriculture – Zagazig University - Egypt

List of publications:

1. **2016** Yu-Mei He, De-Xu Luo, **Mohamed Hamed Arisha**, Ke-Ke Liu, Huai-Xia Zhang, Guo-Xin Cheng, Xiao Ma, Gong Zhen-Hui. 2016. CanTF, a novel transcription factor gene involved in defense responses to biotic as well as abiotic stress. *Frontiers in plant science*. **Under reviewing**
2. **2016 M. H. Arisha**; S. N. M. Shah; L. D.-Wei; Z.-H. Gong .2016. Identification and characterization of *Ygl-7*, a novel gene regulating yellow leaf-color mutation in pepper (*Capsicum annuum* L.). *BMC plant biology*. **In progress**
3. **2016** Syed Noor Muhammad Shah, **Mohamed Hamed Arisha**, Zhen-Hui Gong, Da-Wei Li, Abid Khan and Shi-Lin Tian. 2016. Studies on induced mutation in cucumber cultivar Chinese long (9930) fruits during M1 and M2 Generation **In progress**
4. **2015** Xiao, H. J., Liu, K. K., Li, D. W., **Arisha, M. H.**, Chai, W. G., & Gong, Z. H. (2015). Cloning and characterization of the pepper *CaPAO* gene for defense responses to salt-induced leaf senescence. *BMC Biotechnology*, 15(1), 100. DOI 10.1186/s12896-015-0213-1
5. **2015 M. H. Arisha**, Z.-H. Gong, S. N. M. Shah, H. Jing, C. Li, H.-X. Zhang. 2015. EMS induced mutations in M2 generation and physiological variations in M1 generation of pepper (*Capsicum annuum* L.). *Frontiers in plant science*. 6:399. DOI: 10.3389/fpls.2015.00399.
6. **2015** Y. x. Yan, H. x. Zhang, H. J. Xiao, J. H. Jin, J. J. Ji, H. Jing, R. G. Chen, W. G. Chai, and **M. H. Arisha**. Z.-H. Gong. 2015. Cloning and expression analysis of *CaPIP1-1* gene in pepper (*capsicum annuum* L.). *Gene*. 563: 87–93.
7. **2015** S.N.M. Shah, Z.-H. Gong, **M.H. Arisha**, A. Khan and S.-L. Tian .2015. Effect of ethyl methyl sulfonate concentration and different treatment conditions on germination and seedling growth of the cucumber cultivar Chinese long (9930). *Genetics and Molecular research*. 14 (1): 2440-2449.
8. **2014 M.H. Arisha**, B. K. Liang, S.N. Muhammad, Shah, Z. H. Gong, and D.W. Li. 2014. Kill curve analysis and response of first generation *Capsicum annuum* B12

cultivar to ethyl methane sulfonate. *Genetics and Molecular research*. 13 (4): 10049-10061.

9. **2014** S. N. M. Shah; S.L. Tian; Zhen-Hui Gong; **Mohamed Hamed Arisha** (2014) Studies on Metabolism of Capsanthin and Its Regulation under Different Conditions in Pepper Fruits (*Capsicum* spp.) *Annual Research & Review in Biology* 4(7): 1106-1120.
10. **2010** **Arisha, M.H.E.** 2010. Optimum medium for oyster mushroom production. M.Sc. thesis Hort. Dept. Fac. Agric. Zagazig Univ. Zagazig, Egypt.
11. **2010** **Arisha, M.H.E.,** M.A.I. Khalil, E.A. El-Ghamriny and A. Bardisi. 2010. The suitable medium for improving the productivity and quality of oyster mushroom. *Zagazig J. Agric. Res.* 37(2) : 315-335
12. **2010** Sheta, Y.M., Y.M. Hussien, A. M. Abdelazim, R.L. Etewa and **M. H. Al-Hady**. 2010. Hypoglycemic effect of two types of edible mushrooms, Button (*Agaricus bisporus*) and Oyster (*Pleurotus ostreatus*) strain 238 on diabetic mice. *Zagazig Vet. J.* 38(3): 91-97
13. **2010** Sheta, Y.M., Y.M. Hussien, A. M. Abdelazim, R.L. Etewa and **M. H. Al-Hady**. **2010.** Hypoglycemic Effect Of Button (*Agaricus Bisporus*) And Oyster (*Pleurotus Ostreatus*) Mushrooms On Streptozotocin Induced Diabetic Mice. *Biohealth Science Bulletin*. 2(2), 48 – 51.

Teaching Experience:

- **Undergraduate Students**
 - **Faculty of Agriculture, Zagazig University, Egypt.**
 - Teaching the practical part of Principles of Horticulture
 - Teaching basis of plant breeding
 - Teaching the practical part of Production of vegetable Crops
 - Mushroom Production Technique
 - Teaching the practical part of Technical Computer
 - Teaching MS-Office Application and End Note software
- **Outside courses**
 - Teaching ICDL (International Computer Driving License)
 - Teaching How to use EndNote Software

Languages:

- **Arabic:** Mother Language
- **English:** Good
- **Chinese:** Good

- **French:** Poor

Computer and software Skills:

- **ICDL**, International Computer Driving License – Skills Card No. (UN08038092).
- **Primer 5**
- **Statistical software (Spss, Statistix)**
- **GraphPad Prism software**
- **EndNote**
- **Bioinformatics Tools**

Awards:

- Get the excellent student award in Northwest A&F University (2015)
- Get the University award of the Ideal student (2005)
- Get the Faculty award of the student that get the highest grade (2003, 2004, 2005)
- Get the university award of the best student that get the highest grade (2006)

Reference persons:

Prof. Dr. Gong Zhen-Hui

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