Curriculum vitae

Name: Abobakir Ali Elhaj
DOB and nationality: 10 July 1966, Libyan
Address: Department of Horticulture,
Faculty of Agriculture,
University of Tripoli
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Career:

2009 - Present:

- Tutor for Molecular Biology of the Cell and Plant Physiology.
- Head of the Horticulture department, 2013 - 2014.
- A guest staff member, Newcastle University, UK 2010- 2011.
- Visitor researcher, School of Biology, Newcastle University, UK, 2011 -2013

- Cooperative researcher at biotechnology research center, Tripoli – Libya, 2010-0212.
- Director of education development committee, 2011-2019.
- Coordinator of the quality and performance evaluation committee.

Education:

- 2005-2009 PhD in Plant Molecular Biology, Newcastle University, UK.
- 2004-2005 An extensive English course, Windsor, Canada.
- 1991-1995 MSc in Horticulture, Faculty of Agriculture, University of Tripoli, Libya
- 1985-1989 BSc in Horticulture, Faculty of Agriculture, University of Tripoli, Libya

Skills:

Laboratory Skills

- Experience working on Arabidopsis insertional mutant lines under abiotic stress.
- DNA & RNA extraction
- PCR, reverse transcription (RT) PCR, and Real Time PCR.
- Gel electrophoresis and gel documentation apparatus.
- Nucleic acid purification.

Technical skills

- Microsoft Office (word, Power Point, Excel, Outlook)
- Adobe Photoshop
- EndNote
- Minitab
- Clustalw sequence alignment
- BioEdit
- FinchTV

Personal Skills

- Capable of adapting to new situations.
- Hard working and reliable.
- Excellent communications with others.
- Accuracy and sincerity.

Workshop:

- Lab, chemical safety, and GMOs.
- Future of Bioscience, Lancaster University, UK
- Society of experimental botany meeting and workshop, Lancaster University, UK

Contributions:

- Membership in SEB, Society of Experimental Botany (http://www.sebiology.org/).
- Membership in EFB. European Federation of Biotechnology

Publication list:

Published papers

1- **Abobakir A. Elhaj and Roger S. Pearce.** 2014. Studying CBF4 transcription factor in Arabidopsis under drought stress. Journal of basic and applied sciences, vol. 20, No. 1. (Libyan Authority for research, science and technology).
2- **Abobakir A. Elhaj**. 2014. Studying OSM1/ SYP61 mutant gene in Arabidopsis under drought stress. Journal of basic and applied sciences, vol. 20, No. 1. (Libyan Authority for research, science and technology).
3- **Abobakir A. Elhaj and Roger S. Pearce.** 2015. The response of *osm1* mutant line in *Arabidopsis* to salt stress. Libyan Journal of Applied and Humanitarian Sciences. No. 1.
4- **Abobakie A.** Elhaj. 2016. DNA Extraction from Arabidopsis and Tomato Plants for PCR Analysis Using Edwards' Buffer. Journal of Academy for Basic and Applied Sciences.

Vol. 15, No. 1.
5- **Khalifa S. Mohamed, Saleh A. Isslugi and Abobakir A Elhaj.** 2019. Effect of salt stress on seed germination of barley (*Hordeum vulgare* L.) cultivars. International Journal of Biology Research. Vol. 4; No 4; pp 04-06.
6- **Abobakir A. Elhaj.** 2020. Alternative Splicing: A Multilevel Regulation of Plant Abiotic Stress Responsive Genes. Al academia Journal for Basic and Applied Sciences (AJBAS) Vol. 2, No. 2.

Articles under Publication:

1- **Abobakir A. Elhaj**. 2021. T-DNA insertion in the KUP8 targeted gene improves the survival under salt stress in the *Arabidopsis thaliana*.
2- **Abobakir A. Elhaj**. 2021. The response of *kup8* mutants to drought stress in Arabidopsis

Refrees:

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