




Kingdom of Saudi Arabia
Ministry of Higher Education
King Faisal University
College of Clinical Pharmacy



Name	Maged El-Sayed Mohammed		
Specialization	Pharmacognosy and Natural Product Chemistry		
Current Position	Asst. Professor		
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Academic Qualifications	Degree/year/uni versity/country	B.Sc./1998/ Faculty of Pharmacy, Zagazig University, Zagazig, Egypt,	
	Degree/year/uni versity/country	M. Pharm/2003/ Faculty of Pharmacy, Zagazig University, Zagazig, Egypt,	
	Degree/year/uni versity/country	Ph.D/2009/ School of biological sciences, University of Bristol, United Kingdom,	
Teaching Experience	<ul style="list-style-type: none"> ➤ 1999 - 2003: Demonstrator of Pharmacognosy and natural product chemistry, Faculty of Pharmacy, University of Zagazig, Zagazig, Egypt. ➤ 2003 - 2005: Assistant Lecturer of Pharmacognosy and natural product chemistry, Faculty of Pharmacy, University of Zagazig, Zagazig, Egypt. ➤ 2005-2009: Researcher in fungal and plant molecular biology group, school of biological sciences, University of Bristol, United Kingdom. 		
All the Courses Teaching in KFU	<ul style="list-style-type: none"> ➤ 201021301 : Pharmacognosy ➤ 2010122 : Natural Product Chemistry and plat biotechnology for pharmaceuticals 		
Research Interests	<ul style="list-style-type: none"> ➤ Plant tissue culture techniques. ➤ DNA manipulation, PCR amplification and DNA cloning in <i>E coli</i>, <i>Saccharomyces cerevisiae</i> and <i>Arabidopsis thaliana</i>. ➤ Gateway technology for cloning and transferring of DNA fragments. ➤ Heterologous expression of genes in bacteria, yeast, fungi and plants. 		
Publications	<ol style="list-style-type: none"> 1. Mohamed ME and Lazarus CM (2014) Production of prostanoids in the plant <i>Arabidopsis thaliana</i> <i>Phytochemistry</i> 102: 74–79 2. Maged E. Mohamed, Asmaa M. Arafa, Saeed Soliman and Sameeh I. Eldahmy (2014) Plant germination and production of callus from the yellow hornpoppy (<i>Glaucium flavum</i>): the first stage of micropropagation <i>Die pharmazie</i> 69: 1–6 		

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3. Mohammed A. Khedr, Tamer M. Shehata and Maged **E. Mohamed** (2014) Repositioning of 2,4-Dichlorophenoxy acetic acid as a potential anti-inflammatory agent: *In Silico* and pharmaceutical formulation study. *European Journal of Pharmaceutical Sciences*, 65: 130–138.
 4. **Mohamed M E** (2014) Infection of *Eucalyptus camaldulensis* leaves with the gall wasp *Leptocybe invasa* alters its phytovolatile constituents *journal of essential oil research* under peer review .
 5. Dalia I. Hamdan, Maged E. Mohamed, Rehab H. Abdulla, Sabah M. Mohamed and Assem M. El-Shazly (2013) Anti-inflammatory, insecticidal and antimicrobial activities and chemical composition of the essential oils of different plant organs from navel orange (*Citrus sinensis* (L.) Osbeck var. Malesy) grown in Egypt *Journal of Medicinal Plants Research* 7(18):1204-1215.
 6. **Mohamed ME** and Lazarus CM (2009) Prostanoid production in *Saccharomyces cerevisiae* provides a novel assay for nonsteroidal anti-inflammatory drugs *FEMS Yeast Res* 9: 420-427.
 7. Tatyana Savchenko, Justin W. Walley, E. Wassim Chehab, Yanmei Xiao, Roy Kaspi, Matthew F. Pye, **Maged E. Mohamed**, Colin M. Lazarus, Richard M. Bostock and Katayoon Dehesh (2010) Arachidonic Acid: An Evolutionarily Conserved Signaling Molecule Modulates Plant Stress Signaling Networks *Plant Cell* 22: 3193–3205
 8. Mekky H, **Mohamed ME**, Lazarus CM, Power JB and Davey MR (2011) Biosynthesis of very long chain polyunsaturated fatty acids in the leafy vegetable chicory *Agricultural and food science* 20: 327-340.
 9. Dalia I. Hamdan, Maged E. Mohamed, Rehab H. Abdulla, Sabah M. Mohamed and Assem M. El-Shazly (2013) Anti-inflammatory, insecticidal and antimicrobial activities and chemical composition of the essential oils of different plant organs from navel orange (*Citrus sinensis* (L.) Osbeck var. Malesy) grown in Egypt *Journal of Medicinal Plants Research* 7(18):1204-1215.
 10. El-Domiaty MM, Abdel Aziz EM, El-Shafae AM and **Mohamed ME** (2003) Improved HPLC Determination Of Glycyrrhizin In Licorice and Pharmaceutical Preparations *Bull. Fac. Pharm. Cairo Univ.* 41 295-300.
 11. El-Domiaty MM, Abdel Aziz EM, El-Shafae AM and **Mohamed, ME** (2003) Phenolic Constituents and Biological Activity of The Aerial Parts Of The Egyptian Licorice, *Zagazig J. Pharm. Sci.* 12 14-23, 2003.

Workshops / Seminars attended

- Plant Transformation Technologies. Vienna, Austria, February 04-07, 2007 with poster and published abstract
 - Plants for Human Health in the Post Genomic Era in Helsinki, Finland, 26-29 August 2007 with a poster and published abstract.
 - Agrigenomic World Congress, Amsterdam Netherlands 29-30 September 2008 with the prize of the best poster and published Abstract.
 - Oral presentation on the School of Chemistry open day conference, University of Bristol 2008
 - Accepted abstract and poster in the 5th international conference of pharmaceutical and drug industries division, National research centre, Cairo, March, 2011
 - Accepted abstract and poster in the Trends in natural products research: Phytochemical society of Europe young Scientific meeting, in Kolymvari, Crete 12-15 June 2011
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- Oral presentation in the Faculty of Pharmacy First scientific conference, March 2011
 - Poster presentation in the Department of Pharmacognosy first scientific meeting
November 2011
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