



Al-Azhar University  
Faculty of Pharmacy  
Assiut – Egypt



## **CURRICULUM VITAE**

### **PERSONAL INFORMATION:**

**Name:** Mohamed Salaheldin Ahmed Mohamed Abdelqader.  
**Date of Birth:** Aug. 3, 1974, Egypt.  
**Marital status:** Married  
**Citizenship:** Egyptian  
**Current Position:** Lecturer of Pharmacognosy, Faculty of Pharmacy  
Sohag Univ., Sohag, Egypt.  
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Pharmacy, Faculty of Pharmacy, Sohag Univ.,  
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### **ACADEMIC QUALIFICATIONS:**

- **PhD. (Pharmaceutical Sciences):** School of Pharmacy and  
Pharmaceutical Sciences, Manchester University, Manchester, UK,  
September 2009.
- **M.Sc. (Pharmaceutical Sciences):** Department of  
Pharmacognosy, Faculty of Pharmacy, Assiut Univ., Assiut, Egypt,  
JAN., 2003.

- **B.Sc.:** Pharmaceutical Sciences (*general grade **Excellent** with degree of honor*), Faculty of Pharmacy, AL- Azhar Univ., Assiut Egypt, July, 1998.

#### **DISSERTATION TITLE:**

- **Ph.D.** Production of volatile secondary metabolites in plant tissue cultures.
- **M.Sc.** A Pharmacognostical study of some plants growing in Egypt belonging to family Compositae, *Ageratum conyzoides* L and *Lactuca sativa* L.

#### **WORK EXPERIENCES:**

- Presently working as lecturer in Pharmacognosy department, Faculty of Pharmacy, Sohag Univ., Sohag, Egypt, teaching the undergraduate students different courses of pharmacognosy.
- Working as lecturer in Pharmacognosy department, Faculty of Pharmacy, AL- Azhar Univ., Assiut Egypt., from 15/3/2010 till 1/3/2015.
- Teaching practical sessions of pharmacognosy and microbiology for undergraduate students at School of pharmacy, Manchester University from 2006- 2009
- **Assistant Lecturer:** in Pharmacognosy department, Faculty of Pharmacy, AL- Azhar Univ., Assiut Egypt., from 15/3/2003 till 15/09/2005.
- **Demonstrator:** in Pharmacognosy department, Faculty of Pharmacy, AL- Azhar Univ., Assiut Egypt., from 15/12/1998 till 16/1/2003.

## **RESEARCH TECHNIQUES AND SKILLS:**

- Hands on experience of establishing different types of plant tissue cultures such as hairy root culture, callus culture, suspension culture, shoot culture and root culture for the study on production of secondary metabolites and biotransformation.
- DNA extraction from different plant materials using different protocols.
- PCR (polymerase chain reactions) and gel electrophoresis.
- Feeding of precursors and biotransformation technology.
- Hands on experience of isolation and identification of secondary metabolites of medicinal plants eg. Volatile terpenoids, steroids and phenolic compounds by different chromatographic techniques such as GC, GC-MS, NMR, UV, IR spectrometers.
- Basic botanical study including macro- and micromorphology of medicinal plants.
- Excellent computing skills such as MS office and statistical packages for data analysis.
- Excellent command of English (speaking and writing).

## **Practical Training, work shops and Conferences attended:**

- Attended the 1<sup>st</sup> International Conference on New Horizons in Basic and Applied Science, Hurghada, 4-6 August 2014.
- Oral presentation in 5th International Conference of Pharmaceutical and Drug Industries Research Division at National Research Center, Cairo, Egypt. 29-30 March 2015
- Presented a number of seminars in the School of Pharmacy, Manchester University.

- Attended and presented in **British Pharmaceutical Conference** (7-9<sup>th</sup> September 2009), Manchester, UK.

### **PUBLICATIONS:**

- Mohamed E. Abou Elela, Mohamed A. A. Orabi, **Mohamed S. A. Abdelkader**, Faten M. M. Darwish. Phytochemical screening and HPTLC studies of *Ceiba pentandra*(L.) Gaertn.variety pentandra cultivated in Egypt. *Journal of Pharmacognosy and Phytochemistry*, **4(1), 10-17, 2015.**
- Gamal A. Mohamed, Sabrin R. M. Ibrahim, **Mohamed S. A. Abdelkader**, Nawal M. Al-Musayeib, Mohamed Ghoneim • Samir A. Ross. Zeaoxazolinone, a new antifungal agent from *Zea mays* roots, *Medicinal Chemistry Research*, **23 (10), 4627-4630, 2014**
- **Mohamed Salaheldin A. Abdelkader** and Brian G. Lockwood. Volatile oils from the plant and hairy root cultures of *Ageratum conyzoides* L, *Natural product research*, **25 (9), 909-917 (2011).**
- **Mohamed Salaheldin A. Abdelkader**, Brian Lockwood and Proramate Sansongsak. Uptake of nicotine from suspension culture of *Nicotiana tabacum* by molecularly imprinted polymers. *Journal of Pharmacy and pharmacology*, **62, 633-637 (2010).**
- M. Abdelkader and B. Lockwood. Enhanced biotransformation of terpenoids in plant cell cultures using  $\beta$ -cyclodextrin. *Journal of Pharmacy and pharmacology*, **S1, A20, (2009).**
- M.H.Mohamed, M.H.Assaf, Amany S.Ahmed and **M.S.Ahmed**, Phytochemical and biological study of *Lactuca sativa* L. seeds cultivated in Egypt, , *Bull.Fac.Pharm.Cairo Univ.*, Vol.**41 (1) 239-252 (2003).**
- M.H.Mohamed, M.H.Assaf, Amany S.Ahmed and **M.S.Ahmed**, Macro- and Micromorphological study of the leaf, stem and

inflorescence of *Ageratum conyzoides* (L.) cultivated in Egypt,  
*Proceeding of Assiut University 3rd Pharmaceutical Sciences  
Conference 51-77 (2002).*

**REFERENCES:**

- **Prof. Brian G. Lockwood**

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