

Mahmoud A. Saleh

Professional Preparation

University of Cairo, Egypt B.Sc. Agricultural Chemistry 1963

University of Cairo, Egypt Master of Science, in Biochemistry 1965

University of California, Davis, USA PhD in Chemistry 1971

University of California, Berkeley Postdoctoral Fellow in environmental toxicology, 1975-1978

Appointments

1990 – Present Professor of Chemistry, Texas Southern University

1987 –1990 Professor of Chemistry and Director of the Organic Chemistry Group,
Environmental Research Center, University of Nevada, Las Vegas NV.

1972 – 1987 Professor of chemistry, Faculty of Agriculture, University of Cairo, Egypt

Publications (most closely related to the proposal out of a total of 160)

1. Hassanein H.D., Nazif N.M., Shahat A.A., Hammouda F.M., Aboutable E.A. and **Saleh M.A.** Chemical Diversity of Essential Oils from *Cyperus articulatus*, *Cyperus esculentus* and *Cyperus papyrus*. *Journal of Essential Oil Bearing Plants TEOP*. 2014,17(2), 251-264.
2. Hammouda F.M., **Saleh M.A.**, Abdel-Azim N.S., Shams K.A., Ismail S., Shahat A.A., Saleh I.A. Evaluation of the essential oil of *Foeniculum vulgare* Mill (Fennel) fruits extracted by three different extraction methods by GCMS. *Afr. J. Tradit. Complement. Altern. Med.* 2013,11(2), 277-279.
3. Abou Elfotouh, M. A.; Shams, K. A.; Anthony, K. P.; Shahat, A. A.; Ibrahim, M.T.; Abdelhady, N.M.; Abdel Azim, N. S.; Hammouda, F. M.; El-Missiry, M. M.; **Saleh M.A.** Lipophilic Constituents of *Rumex vesicarius* L. and *Rumex dentatus* L. Antioxidants, 2013, 2, 167-180.
4. Anthony, K., Subramanya, G., Uprichard, S., Hammouda, F., **Saleh, M.A.** Antioxidant and anti-Hepatitis C viral activities of commercial Milk Thistle food supplements. *Antioxidants*. 2013, 2, 23-36.
5. Anthony, K., Deolu-sobogun, Suziat and **Saleh, M. A.** Comprehensive Assessment of Antioxidant Activity of Essential Oils. *Journal of Food Science*. 2012, (77)8, C839-C843.
6. Shahat, A., F. M. Hammouda, K.A. Shams and **M.A. Saleh**. Comparative chemical analysis of the essential oil of wild and cultivated Fennel (*Foeniculum vulgare* Mill). *Journal Essential Oil Bearing Plants*. 2012,15(2),314-319.
7. Anthony, K., **Saleh, M.A.** Chemical profiling and antioxidant activity of commercial milk thistle food supplements. *Journal of Chemical and Pharmaceutical Research*. 2012, 4(10),4440-4450.
8. Hassanein, H. D.; Nazif, N. M.; Shahat, A.; Ehsan, N. A.; Aboutabl, E.; **Saleh, M.A.** *In-vitro* hepatoprotection study, cytotoxicity assay and chromatographic investigation of phospholipids fraction isolated from *Cyperus esculentus* tubers growing in Egypt. *Australian Journal of Basic and Applied Sciences*, 2011, 5(10), 335-341.
9. Abdelaaty, S., Abeer, I., Saber, H., Elsayed, O., Hammouda, F., Abdel-Rahman, F.H., **Saleh, M. A.** Chemical composition, antimicrobial and antioxidant activities of essential oils from organically cultivated fennel cultivars. *Molecules*, 2011, 16, 1366-1377.

Grants

- USEPA \$2,000,000. (1990-1996, PI) Biomarkers for human exposure to pesticides.
- USAID \$200,000. (1994-1996) Phytochemicals for pest control.
- NIH RCMI \$1,200,000 (1997-2012, 3 rounds of 5 years each CoPi), Biomarkers/Biosensors core lab.
- NASA Research Centers, \$800,000 (2004-2014, 2 rounds of 5 years each CoPi)

Collaborators:

Prof. Fawzia Abdel Rahaman – Texas Southern University

Prof. Jim Briggs – University of Houston

Mentorship: 38 graduate students, 20 undergraduate students