



Name:- Farid A. Badria

Position:-Professor-

Education:- Professor FaridBadria, Ph.D. in Pharmacognosy (Microbial Transformation) from the University of Mississippi, USA, with a B.Sc. in Pharmaceutical Sciences, and 2 Masters Science in Pharmacognosy and Cell Biology from Mansoura University and the University of Minnesota.

Email:-faridbadria@yahoo.com

Research interests:

Drug Discovery from Natural Products For Liver Disorders

Pentacyclic Terpens As Multitargets Therapeutic Agents

Developing New Early Tumor Markers

Developing New Potential Therapeutic Agents Based Upon Enzymes Inhibitors.

Developing New Natural Iron-Chelating Agent

Elicitors As An Efficient Approach To Modulate Chemistry Profile of Plants.

Green Synthesis

Semisynthesis and Drug Design

Chemosenistization to Treat Resistan cancers (liver, Breast, Ovarian, and Colorectal)

Selected Publications:

1. Antimicrobial and antiquorum-sensing activity of Ricinus communis Extracts and Ricinine Derivatives, mai.h.elnaggar, mai.h.elnaggar, elgame13a, fatma maar, Farid Badria, Natural Products Research 2018.
2. Polymeric micelles for potentiated antiulcer and anticancer activities of naringin, Elham Abdelmonem Mohamed ^{a,*}, Irhan Ibrahim Abu Hashim^a, Rehab Mohammad Yusif^{a,e}, Ahmed Abdel Aziz Shaaban^b, Ahmed Ramadan El-Sheakh^b, Mohammed Fawzy Hamed^c, Farid Abd Elreheem Badria, Nanomedicine 2018.
3. Treatment of Vinca minor leaves with methyl jasmonate extensively alter the pattern and composition of indole alkaloids.,, Abouzeid, Sara; Beutling , Ulrike ; Surup, Frank; Abdel Bar, Fatma; Amer, Mohamed; Badria, Farid; Yahyazadeh, Mahdi; Brönstrup, Mark; Selmar, Dirk, JNP (USA), 2018

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— [Enhanced in vitro cytotoxicity and anti-tumor activity of vorinostat-loaded pluronic micelles with prolonged release and reduced hepatic and renal toxicities, Elham Abdelmonem Mohamed a, □, Irhan Ibrahim Abu Hashim a, Rehab Mohammad Yusif a,d, Ghada Mohamed Suddek b, Ahmed Abdel Aziz Shaaban b, Farid Abd Elreheem Badria, European Journal of Pharmaceutical Sciences 2017.](#)

4.

5. [Synthesis, Docking, Cytotoxicity, and LTA4H Inhibitory Activity of New Gingerol Derivatives as Potential Colorectal Cancer Therapy, Mai H. El-Naggar, Amira Mira, Fatma M. Abdel Bar, Kuniyoshi Shimizu, Mohamed M. Amer, Farid A. Badria, Bioorganic & Medicinal Chemistry 2016](#)

Curcumin attenuates iron accumulation and oxidative stress in the liver and spleen of chronic iron-overloaded rats	Badria, F.A., Ibrahim, A.S., Badria, A.F., Elmarakby, A.A	PLoS ONE	2015
Free- B- Ring flavonoids as potential lead compounds for colon cancer therapy	Ibrahim, A., Sobeh, M., Ismail, A., Alaa, A., Sheashaa, H., Sobh, M., & Badria, F.	Molecular and clinical oncology	2014
Evaluation of Natural Anthracene derived Compounds as Antimitotic agents	A. Badria, Farid, and Ahmed S. Ibrahim	Drug discoveries & therapeutics	2013
Selective cytotoxic effects on human breast carcinoma of new methoxylated flavonoids from Euryops arabicus grown in Saudi Arabia	Alarif, W. M., Abdel-Lateff, A., Al-Abd, A. M., Basaif, S. A., Badria, F. A., Shams, M., & Ayyad, S. E. N	European journal of medicinal chemistry	2013
Laurene-type sesquiterpenes from the Red Sea red alga Laurencia obtusa as potential antitumor-antimicrobial agents	Alarif, W. M., Al-Lihaibi, S. S., Ayyad, S. E. N., Abdel-Rhman, M. H., & Badria, F. A.	European journal of medicinal chemistry	2012
Synthesis and Antitumor Evaluation of Some New 1,3,4-Oxadiazole-Based Heterocycles	Bondock, S., Adel, S., Etman, H. A., & Badria, F. A.	European journal of medicinal chemistry	2012
Cytotoxic and protective DNA damage of three new diterpenoids from the brown alga Dictyota dichotoma	Ayyad, S. E. N., Makki, M. S., Al-kayal, N. S., Basaif, S. A., El-Foty, K. O., Asiri, A. M., ... & Badria, F. A	European journal of medicinal chemistry	2011
Synthesis of some New Pyrimido[2',1':2,3]thiazolo[4,5-b]quinoxaline Derivatives as Anti-inflammatory and Analgesic Agents	Abu-Hashem, A. A., Gouda, M. A., & Badria, F. A.	European journal of medicinal chemistry	2010
Synthesis, antitumor evaluation, molecular modeling and quantitative structure-activity relationship (QSAR) of some novel arylazopyrazolodiazne and triazine analogs	El-Shafei, A., Fadda, A. A., Khalil, A. M., Ameen, T. A. E., & Badria, F. A	Bioorganic & medicinal chemistry	2009
Design and Synthesis of azolopyrimidoquinolines, pyrimidoguinazolines as anti-oxidant, anti-inflammatory and analgesic activities	El-Gazzar, A. B. A., Youssef, M. M., Youssef, A. M. S., Abu-Hashem, A. A., & Badria, F. A.	European journal of medicinal chemistry	2008
Synthesis and Anti-oxidant Activity of Novel Pyrimido[4,5-b]quinolin-4-one Derivatives With a New Ring System	Farid A. Badria and Abou Hashem	Heterocycles	2007
Heat Shock protein 70 (HSP70) A novel biomarker for narcotic drugs and hepatotoxic agents	Badria, F., Hassanein, H., El-Neketi, M., & Saad, H. E. A.	Mansoura Journal of Pharmaceutical Sciences	2006
SYNTHESIS AND BIOLOGICAL EVALUATION OF CERTAIN NEW SUBSTITUTED PYRIDO[2,3-d]PYRIMIDIN-4(1H)-ONE AND PYRIDO[2,3-d]TRIAZOLO[3,4-b]PYRIMIDINE ANALOGS	Goda, Fatma E., and Farid A. Badria.	Saudi Pharmaceutical Journal,	2005
Natural Products for Dental Caries Prevention	Badria, F. A., & Zidan, O. A.	Journal of medicinal food,	2004

Patents:

[Prof. Badria has submitted 42 patents to the Egyptian Academy of Sciences, of which 16 had been granted final certificates with intellectual protection for 20 years. With over 150](#)

publications, 9 books, and other international contributions, Farid continues to lead research projects on: developing new therapy for liver disorders, parasites, malnutrition, simple diagnostic tools, arthritis, skin disorders, and biomarkers for cancer

Recognitions:

TWAS-ARO Award (The World Academy of Sciences for the advancement of science in developing countries- Arab Regional Office, 2013), World Intellectual Property Organization Gold Medal, 2011 [the best Inventor in Egypt]; State Recognition Outstanding Award in Medicine (Egyptian Academy of Science) 2001; Outstanding Arab Scholar, Kuwait (2000); Khawrazmi International Award, Iran (2000), are just to mention some of the awards he received.

He's also been a scholar of: the Arab Development Fund, Kuwait (2000); ICRO- UNESCO International, Chile (1999); UNESCO Biotechnology Fellowship, France (1994); Honorary Fellowship, University of Mississippi, USA (1987-90).

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Other links:

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