**CURRICULUM VITAE**

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**Personal data**

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| Name | Hoda Hassan Baghdadi. |
| Home Address  | 438 Horreya Avenue, Rushdy, Alexandria, Egypt. |
| Office Address | Institute of Graduate Studies and Research, Alexandria University 163 Horreya avenue P.O. Box 832, Alexandria, Egypt. |
| Nationality  | Egyptian |
| Marital Status  | Married, Two Children.  |
| Religion  | Moslem |

**Education**

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| **1950-1961** | **\*Ecole Notre Dame De Sion** |

**Academic data**

**Academic degrees**

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| **1966**  | B.Pharm. and Pharmaceutical Chemistry ( Very Good ),Faculty of Pharmacy, Cairo University, Egypt. |
| **1970**  | M.Pharm. (Pharmacognosy) , Faculty of Pharmacy, Cairo University, Egypt.“Chemical Investigation Of Some Chenopodiaceae Plants.”  |
| **1974** | Ph.D. (Pharmacognosy), Faculty of Pharmacy, Cairo University, Egypt.“Study Of Anthraquinones Containing Drugs And Preparations.” |

**Present post**

Emeritus Professor of chemistry

Institute of Graduate Studies and Research, Alexandria University, Alexandria Egypt

**Previous posts**

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| **1967 - 1974**  | Assistant Researcher, Pharmaceutical Sciences Labratory,National Research Center, Dokki, Cairo, Egypt. |
| **1980 - 1983**  | Associate Professor, Pharmaceutical Sciences Laboratory,National Research Center, Dokki, Cairo, Egypt |
| **1983 - 1991**  | Associate Professor, Department of Environmental Studies,Institute of Graduate Studies and Research, University Of Alexandria, Egypt. |
|  1992 - 1993  | Professor of Chemistry, Department of Environmental Studies,Institute of Graduate Studies and Research, University of Alexandria, Egypt. |
| 1993 – 2002 | \***Head of Department of Environmental Studies,****I**nstitute of Graduate Studies and Research, University of Alexandria, Egypt |
| 1997 – Present | **\*Quality manager** in the Project of Environmental Information Monitoring Program funded by DANIDA through EEAA |

**Research interests**

 Isolation and identification of active constituents from medicinal and poisonous plants.

 Environmental pollution.

 Environmental health.

**Memberships**

 Member of the Egyptian Pharmaceutical Society.

**\*Member of the Marine Biology Committee of the Mediterranean Sea. ( Commission International Pour L’Exploration Scientifique De La Mer Mediterranee ) ( CEISM ) .**

Member of the editorial board of the Journal of Environmental & Nutritional Interactions.

**Fellowships**

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| **1990** | \***Fellowship from C.E.F.I.G.R.E. France, ( Centre de formation international a la gestion des ressources en eaux. )****Training on water resource management** |
| **1988** | \***Fellowship from the French ministry of environment.****Air pollution and prevention of industrial air pollutants** |
| **1985**  | British Council fellowship, Bradford School of Environmental Science, U.K. |

**Grants**

Grant from “The International Foundation of Science”, Stockholm, Sweden “ (1977 -1979). “ Isolation of alkaloids from wild Egyptian plants reputed for their folk medicinal properties”

**Conferences attended**

|  |  |
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| **1967 - 1991** | Arab and Egyptian Pharmaceutical Sciences Conferences |
| **1988**  | First Symposium on Environmental Sciences, Alexandria, Egypt |
| **1990** | Regional Symposium on Environmental Sciences, Alexandria, Egypt |
| **1990** | Second Arab Conference on Medicinal Plants, Cairo, Egypt |
| **1991** | **\*Conference des ministres de l’environnement a Tunis** |
| **1993** | **\*Conference on cooperation activities between Marseille university and Insitutue of Graduate Studies and Research, Alexandria University and the signage of the cooperation agreement between both universities.**  |
| **2001** | **\*36th CIESM Congress, Monaco** |
| **2009****2014** | The first international Alexandria Environmental forum Towards a cleaner Meditternean Regionالمؤتمر الدولى نحو تطوير بيئى مستدام بمعهد الدراسات العليا والبحوث الاسكندرية .  |

**2015**  4 thInternational summit of the Book. Books, Reading and Technology. Bibliotheca Alexandrina ,. Alexandria Egypt.

**Publications**

1. Karawya, M.S.; Wassel, G.M.; Rueker, G.; **Baghdadi, H.H.** and Ahmed, Z.F. (1971). Isolation of Triacetonamine from Salsola tetrandra. Phytochemistry, 10, 3303-3304.

2. Karawya, M.S. ; Wassel, G.M. ; **Baghdadi, H.H.** and Ahmed, Z.F. (1972). Phytochemical study of certain Salsola species , general analysis, carbohydrates

and lipids. Planta Medica, 21, 2, 173-176.

3. Karawya, M.S. ; Wassel, G.M. ; **Baghdadi, H.H.** and Ahmed, Z.F. (1972).

Isolation of methyl carbamate from certain Salsola species growing in Egypt.

Phytochemistry, 2, 441-442.

4. Karawya, M.S. ; Wassel, G.M. ; **Baghdadi, H.H.** and Ahmed, Z.F. (1976).

Microdetermination of Sennosides A and B and their calcium salts in plants and

formulations. The First Arab Conference, Kuwait, November 1976.

5. Wassel, G.M. ; Abd El - Bary, E.S. and **Baghdadi, H.H.** (1977).

Estimation of elements and trace elements present in certain Salsola species.

Bull. N.R.C. Egypt, 2, 160-162.

6. Karawya, M.S. ; Wassel, G.M. ; **Baghdadi, H.H.** (1977).

Distribution of anthraquinones and estimation of aloin in certain Aloe species.

Bull. N.R.C. Egypt, 2, 273-275.

7. El - Difrawy, S.M. and **Baghdadi, H.H.** (1978).

Preparation of active constituents of Senna and some of their adducts.

 Bull. N.R.C. Egypt, 3, 205-208.

8. Wassel, G.M. ; **Baghdadi, H.H.** and El - Difrawy, S.M. (1979).

Phyto-Ecdisone from some wild Egyptian Salsola species. Fitoterapia, L, (2).

9. Wassel, G.M. ; **Baghdadi, H.H.** (1979).

Sur les flavonoides de Cassia acutifolia Del. et Cassia angustifolia Vahl.

Plantes Medicinales et Phytotherapes, 13, (1), 34-36.

10. Wassel, G.M. ; **Baghdadi, H.H.** (1980).

The constitution of the wild Egyptian plants *Echinops spinosissimus* Turra.

Herba Hungarica, 19 (2), 7-9.

11. Karawya, M.S. ; Wassel, G.M. ; **Baghdadi, H.H.**  and Ammar, N.M. (1980).

 Study of pectin contents of citrus peels and onion produced in Egypt.

 Bull. N.R.C. Egypt, 5, 81-87.

12. Karawya, M.S. ; Wassel, G.M. ; **Baghdadi, H.H.**  and Ammar, N.M. (1980).

 Mucilagenous contents of certain Egyptian plants.

 Planta Medica, 38, 73-78.

13. Karawya, M.S. ; Wassel, G.M. ; **Baghdadi, H.H.**  and Ammar, N.M. (1980).

 Reinvestigation of the mucilagenous contents of Pancratium maritimum and

 Crinum bulbispermum bulbs.

14. Karawya, M.S. ; Wassel, G.M. ; **Baghdadi, H.H.**  and Ammar, N.M. (1980).

 Mucilages and pectins of Opuntia, Tamarindus and Cydonia.

 Planta Medica, Supplement, 68-75.

15. **Baghdadi, H.H. ,**  Aziz, K.S. and Metwally, A.M. (1988).

 A study of the sapogenin content of Egyptian Fenugreek seeds.

 Alex. J. Pharm. Sci. , 2, (1), 35-38.

16. **Baghdadi, H.H.** ; El-Sayed, S.H.; Salem, G.A. and Metwally, A.M. (1988).

 A comparative chemical study of Lycium species growing in Egypt.

 Alex. J. Pharm. Sci. , 2 (1), 73-76.

17. **Baghdadi, H.H.** ; El-Sayed, S.H.; Salem, G.A. and Metwally, A.M. (1988).

 Variability in the morphology of Lycium species in the Northern coast of Egypt.

 Egypt. J. Bot. , 31, (1-3), 239-243.

18. Fournier, G. ; **Baghdadi, H.H.** ; Ahmed, S.S. and Paris, M. (1989).

 Contribution to the study of Cotula cinarea essential oil.

 Planta Medica, 55, 580.

19. **Baghdadi, H.H.** ; Ahmed, S.S. ; Fournier, G. and Refaat, A.M. (1990).

 On the essential oil of Laurus nobilis grown in Egypt.

 The second Arab conference on medicinal plants, Cairo, 1- 4 January 1990,

 National Research Center, Dokki, Cairo.

20. Khairy, A.H. ; **Baghdadi, H.H.**  and Ghabbour, E.A. (1990).

 Adsorbtion mechanism of nicotine on humic acid and clay humic acid complex.

 Z. Pflanzenernahr. Bodenk. , 153, 33-38.

21. Helmi, S. ; **Baghdadi, H.H.** and Refaat, A.M. (1990).

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 Alex. J. Pharm. Sci., 4 (2) , 110-114.

22. **Baghdadi, H.H.** (1990).

 A comparative chemical study of Ruta graveolens L. growing in Egypt.

 Alex. J. Pharm. Sci., 4 (2), 149-151.

23. **Baghdadi, H.H.** (1990).

 Study of heavy metal accumulation on Ficus retosa L. alongside roads in Egypt.

 Com. Sci. Dev. & Res. , 32, 73-81.

24. **Baghdadi, H.H.** and El - Tawila, M.M. (1990)

 Aflatoxin content of some spices collected from local markets in Alexandria.

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 1005.

25. **Baghdadi, H.H.** (1990).

 Lithium accumulation by plants.

 Alex. Sci. Exch., 11 , (3), 143-147.

26. **Baghdadi, H.H.** ; Helmi, S. ; Salem, G.A. and Metwally, A.M. (1990).

 Eucalyptus leaves as bioindicator of industrial pollution in Kafr El Zayat, Egypt.

 Regional Symposium of Environmental Studies, May 15-17, 1990, Department of Environmental Studies, Institute of Graduate Studies and Research, Alexandria

 University.

27. **Baghdadi, H.H.** ; Hanafy, A.M. and Metwally, A.M. (1991).

 A comparative chemical study of Xanthium species growing in Egypt.

 Com. Sci. Dev. & Res. , 33, 89-104.

28. Depotter, H.L. ; **Baghdadi, H.H.** ; El-Sayed, N.M. and Metwally, A.M. (1991).

 Constituents of the essential oil from Cymbopogon proximus var. sennarensis.

 Com. Sci. Dev. & Res., 33, 153-163.

29. Zaki, M.I. , El-Greisy, Z.A. , **Baghdadi, H.H.** and El-Gharabawy, M.M. (1994).

 Effect of some environmental and physiological factors on testicular histology of

 Mugil capito during the breeding season.

 J. Egypt. Ger. Soc. Zool. 15(C), 273-289.

30. Zaki, M.I. , El-Gharabawy, M.M. , El-Greisy, Z.A. and **Baghdadi, H.H.** (1994).

 Effect of some environmental and physiological factors on some sexual hormones

 of Mugil capito during the breeding season.

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31. **Baghdadi, H.H.** ; Zaki, M.I. ; El-Gharabawy, M.M. and El-Greisy, A.A. (1995).

 Effect of some environmental and physiological factors on the gonadal histology

 of Mugil capito during the breeding season.

 Rapp. Comm. Int. Mer Medit., 34, p. 77.

32. Awny, H.A. ; Amara, A.A. ; El-Masry, M.H. ; **Baghdadi, H.H.** (1997)

 Effect of 12 plant extracts on hepatic microsomal (α) pyrene hydroxylation and

 Hydrogen peroxide production on mice treated with lindane.

 Environmental & Nutritional Interactions . 1, 129-142.

33. **Baghdadi, H.H.** ; Zaki, M.I. ; El-Gharabawy, M.M. and El-Greisy, A.A. (1998)

 Effect Of Some Environmental And Physiological Factors On The Blood Count

 Of Mugil Capito During The Breeding Season. 35th CIESM Congress

 Proceedings, 35(2), p370.

34. Farag , M.M. ; Aboul-Naga, W.M. ;Shalaby, E.A. ; **Baghdadi**, H.H. and Kamel,

 M.S. (2000).

 Tracing Some Water Quality After The Construction Of El Dekhela New Harbour

 Using Remote Sensing.

 Bulletin National Institute of Oceanography and Fisheries 26, 43-70.

35. Attia, A.M. ; El-Etter, A,H and **Baghdadi, H.H.** (2000).

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 Exposed to Pesticides. FASEB , J. 14,4, pA779.

36. Attia, A.M., El –Etter, A.H., and **Baghdadi, H.H**. (2001).

 Semen Quality Assessment of Workers Occupationally Exposed to Pesticides.

 J. Egypt. Soc. Toxicol. 24, 83-92.

37. Zaki, M.I., **Baghdadi, H.H**., El-Gharabawy, M.M and El-Greisy, Z.A. (2001)

 Reproductive Biology Of *Diplodus Sargus* (Family Sparidae), In The

 Mediterranean Environment. 36th CIESM Congress Proceedings, 36, p.336.

1. El-Demerdash, F.M.,Yousef, M.I., Kedwany, F.S. and **Baghdadi, H.H.** (2003).

 Toxic effect of cadmium chloride on lipid peroxidation, blood hematology, biochemical parameters and semen quality of male rats: Vitamin E and β-carotene as antioxidants. Molecular and cellular proteomics. HUPO 2nd Annual and IUBMB XIX World Congress. 2(9),761.

1. El-Demerdash, F.M., Yousef, M.I., Kedwany, F.S. and **Baghdadi**, H.H. (2004).

Role of α-Tocopherol and β-Carotene in Ameliorating the Fanvalarate-Induced Changes in Oxidative Stress, Hemato-Biochemical Parameters, and Semen Quality of Male Rats. Journal of Environmental Science and Health. B39 (3),443-59.

1. Zaki, M.I., **Baghdadi, H.H.,** El-Gharabawy, M.M., and El-Greisy, Z.A. (2004).

Sex steroid hormones in female *Diplodus Sargus* (family: *Sparidae*) in the Egypptian Mediterranean Coast. Published in the Proceeding of the 37th CIESM conference.

1. **Baghdadi, H.H.,** El-Gharabawy, M.M., Zaki, M.I , and El-Greisy, Z.A. (2004).

Sex steroid hormones in Male *Diplodus Sargus* (family: *Sparidae*) in the Egypptian Mediterranean Coast. Published in the Proceeding of the 37th CIESM conference.

1. Yousef, M.I., Kamel, K.I., Esmail, A.M. and **Baghdadi, H.H.** (2004). Antioxidant activities and lipid lowering effects of isoflavones in male rabbits.

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43. El-Demerdash, F.M., Yousef, M.I., Kedwany, F.S. and **Baghdadi, H.H.** (2004)

 Role of a tocopherol and b carotene in ameliorating the fenvalerate induced changes in oxidative stress, hemato-biochemical parameters and semen quality of male rats. Journal of environmental science and health. B39,(3), 443-459.

1. El-Bestawy, E., Hussein,H., **Baghdadi,H.H.**, El-Saka,M.F. (2004)

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1. Amara,A.A., El Masry,M.H., **Baghdadi,H.H**. (2008). Plant crude extracts could be the solution: extracts showing antitumorigenic activity. Pakistan.J.Pharm.Sci, 21(2),159-171
2. L.S. El-Hosseiny, **H.H., Baghdadi,** F.M. El-Demerdash and M.A. El-Shennawy (2013). Protective effects of cumin essential oil and a probiotic bacterial strain against cadmium hepatoxicity in rats. at IUPS(International Union of physiological society) conference, 21-26 July2013, Birmingham England.
3. Fatma M.El Demerdash, Ehab A.Abbady, **Hoda H.Baghdadi**. (2014). Oxidative stress modulation by *Rosmarinus officinalis* in creosote induced hepatotoxicity. published online: 9 July2014, DOI:10.1002/tox22024 Wiley.
4. **Moustafa A. El-Shenawy, Hoda H. Baghdadi, Lobna S. El-Hosseiny (2015).** Antibacterial Activity of Plants Essential Oils Against Some Epidemiologically

Relevant Food-Borne Pathogens.The Open Public Health Journal, 8, 30-34.

1. **Hoda H. Baghdadi**, Fatma M. El-Demerdash, Eman H. Radwan, Sodfa Hussein (2016). The protective effect of *Coriandrum sativum* L. oil against liver
toxicity induced by Ibuprofen in rats. Journal of Bioscience and Applied Research , 2(3), 197-202.
2. **Lobna S. El-Hosseiny , Moustafa A. El-Shenawy, Hoda H. Baghdadi, and Nesma N .Moussa (2018). Susceptibility of some clinically resistant bacterial isolates to Thyme oil , chitosan and Lactobacillus reuteri.Microbiology Research Journal International,24(6):1-11-2018**