



Curriculum Vitae **Dr. Abdel-Azim M. Habib**

(1). Personal Data:

- 1) **Name:** Abdel-Azim M. Habib
- 2) **Birth Date:** 24th November , 1938.
- 3) **Nationality:** Egyptian.
- 4) **Marital Status:** Married, 3 sons.
- 5) **Present Occupation:** Professor Emeritus of Pharmacognosy, Alexandria University.
- 6) **Permanent Address:** Department of Pharmacognosy, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt. 21521.
- 7) **Home Address:** 11 Sheikh Ahmed Abu Ali Street, Fleming, Alexandria, Egypt. 21532.
- 8) **Telephone:** (203) 5835066 (**home**) & 01061034322 (**cellular**).
- 9) **Email:** azimhabib@hotmail.com & azimhabib@gmail.com

(2). Qualifications and Occupations:

- 1) **B. Pharm. & Pharmaceutical Chem. (1960),** Alexandria University.
- 2) **Master Degree in Pharm. Sci. (1964),** Alexandria University.
- 3) **Ph. D. Degree in Pharm. Sci. (1968),** Alexandria University.
- 4) **Demonstrator, (1960-1964),** Alexandria University.
- 5) **Assistant Lecturer, (1964-1968),** Alexandria University.
- 6) **Lecturer, (1968-1974),** Alexandria University.
- 7) **Associate Professor, (1974-1980),** Alexandria University.
- 8) **Professor of Pharmacognosy, (Since February 1980, Till Present),** Alexandria University.
- 9) **Head of Pharmacognosy Department (Four Terms); (1980 – 1982, 1984 – 1986 , 1990 – 1993 & 2014 – 2015),** Faculty of Pharmacy, Alexandria University,
- 10) **Dean of Faculty of Pharmacy, Beirut Arab University, Beirut, Lebanon, (1986 - 1989).**
- 11) **Present Occupation: Professor Emeritus, Since November 1998.**

(3). Specialty, Research Associations and Visits :

- 1) **Visiting Professor and Research Associate (Prof. H. G. Crout),** Dept. of Chemistry, Exeter University, United Kingdom, (1975).
- 2) **Visiting Professor and Research Associate (Prof. J. Cassady),** Dept. of Medicinal Chemistry, Purdue University, West Laffayette, Indiana, U.S.A. (1982-1984).
- 3) **Principal Investigator;** Purdue Cancer Committee Project (1984).
- 4) **Investigator;** in Two NIH Projects (1982-1984).

(4). Other Extramural Activities And Posts:

- 1) **Assistant Professor and Associate Professor**, Faculty of Pharmacy, Riyadh University, Saudi-Arabia, (1972-1976).
- 2) **Lecturer** at: Faculty of Pharmacy, Tanta University, (1977-1982). Faculty of Pharmacy, Zagazeeg University, (1978-1980).
- 3) **Visiting Professor**, Khartoum University, Sudan, (1981).
- 4) **Professor of Pharmacognosy and Dean** of Faculty of Pharmacy, Beirut Arab University, Beirut, Lebanon, (1986 - 1989).

(5). Supervisor and Examiner of Theses:

Some **38 Ph. D. and M. Sc. theses**, at; Alexandria, Cairo, Tanta, Mansoura, Assuit and Suez Canal Universities; as well as at the National Research Institute and the National Organization for Drug Control and Researches, (NODCAR).

Later examples:

- i. Phytochemical investigation of some plants belonging to Family Asteracea. (**Ph D thesis, Alexandria University, (2016)**).
- ii. Phytoequivalence studies of Echinaceae purpurea Family Asteracea (**M Sc thesis, Alexandria University (2010)**).
- iii. Biologically Active Metabolites From Selected RED SEA SPONGES; (**Ph D thesis, Alexandria University, (2007)**).
- iv. Quantitative Estimation of Certain Carboxylate Derivatives in Pharmaceuticals, (**M Sc thesis, Alexandria University (2006)**).

(6). External Examiner at:

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| i. Cairo University, | ii. Tanta University, | iii. Assiut University, |
| iv. Mansoura University | v. Zagazeeg University, | vi. Al-Azhar University, |
| vii. Ein-Shams University | viii. Helwan University, | ix. 6 th of October Univ. |
| x. Ismaelia University | xi. Pharos University | xii. The National Research Institute |
| xiii. The National Organization for Drug Control and Researches, (NODCAR)... and others. | | |

(7). Consultative and Advisory Activities for The World Health Organization:

Two and half decades of co-operation with The World Health Organization:

- * **WHO Head Quarter**, Geneva, Switzerland (**Global Programs**); and
- * **The East Mediterranean Regional Office**, EMRO, (**Regional Programs**).

These activities involved:

1. Herbal Medicine, Traditional Medicine and Drug policy.
2. Drug Regulation (essential and herbal drug regulations).
3. Environmental , Toxicological and Epidemiological issues.

(8). Reviewer and /or Editor for Scientific Journals:

1. Reviewer for " **J. Natural Products** " (previously, Lloydia).
2. Editor and Reviewer for **several local journals** of Pharmaceutical Sciences, Pharmacognosy, Natural Products And analysis.
3. Reviewer for (**Eastern Mediterranean Health journal** ; EMRO WHO) .

(9). Committees, Societies and Organizations:

1. Chairman (Two Terms ; 7th and 10th rounds) and member (1983- Till 2012), Committee for Promotion of Professors of Pharmacognosy and Natural Products Chemistry; Supreme Council of Universities, Egypt (Reviewing and Refereeing Scientific Works and Achievements of Applicants).
2. Member of the Committee of Graduate Studies (several terms, 1980- Till 2010).
3. Member of the Committee of Student's affairs (several terms, --Till Present).
4. Contributor in some activities of Committees of DRA.
5. Member of the Pharmaceutical Society of Egypt.
6. Member of the Syndicate of Pharmacists of Egypt.
7. Member of the Syndicate of Pharmacists of Alexandria.
8. Member of the American Society of Pharmacognosy (from 1982).
9. Some other Local and regional Societies.

(9). Publications and Presentations:

(**See Attached List**)

Almost 115 Scientific Articles and Publications in International and Local Journals specialized in Pharmacognosy, Phytochemistry, Natural Products and Herbal Medicine

Comprehensive List of Publications

1. Haddad, D.Y.; Gharbo, S.A.; and Habib, A.M. ; Egypt. J. Pharm. Sci. , 4, 97 (1962) ; “Alkaloids of *Senecio coronopifolius*”.
2. Saleh,S.A. ; and Habib, A.M. ; Egypt. J. Pharm. Sci., 6, 47 (1965) ; “Macro- and micromorphology of *Senecio desfontainei*”.
3. Gharbo, S.A. ; and Habib, A. M. ; Lloydia (J Natural Products), 32, 503 (1969) ; “Phytochemical investigation of Egyptian *Senecio*” .
4. Habib, A. M.; Saleh, M.R.I. and Farag, M.A. ; Lloydia (J Natural Products), 34, 455 (1971) ; “Isolation of crispatine and fulvine from *Crotalaria madurensis*”.
5. Nour, AM.; Saleh, A.A.; Habib, A. M.; and Shalaby, A.F.; Isotopenpraxis (Germany) , 8, 274 (1972) ; “A quantitative radiometric determination of alkaloids”.
6. Habib, A. M. ; and Metwally, A. M. ; Planta medica, 23, 88 (1973); “ A new sesquiterpene ketolactone from *Senecio*”.
7. Metwally, A.M. ; Habib, A.M. ; and Khafagy, S.A. ; Planta Medica. 25, 68 (1974) ; “ Sterols and triterpene alcohols from rice-bran oil”.
8. Habib, A. M. ; Planta medica, 26, 279 (1974) ; “Senecionine, Seneciphylline, , Jacobine and Otosenine from *Senecio cineraria*”.
9. Habib, A. M.; Hassan, M.A. ; and Muhtadi, F. J. ; Pharmacy and Pharmacology, 26, 837(1974) ; “ A new source of anabasine”.
10. Saleh, M.R.I. ; Habib, A.M. ; and Farag, M.A. ; Egypt. J. Pharm. Sci., 16, 93 (1975) ; “Pharmacognostical study Of *Crotalaria madurensis*”.
11. Habib, A. M. ; Bull. Fac. Sci., Riyadh University, 7, 67 (1975). " Alkaloids of *Heliotropium ramosissimum*”.
12. Habib, A.M. and Aziz, O.A. ; Bull. Fac. Sci., Riyadh University, 7, 75 (1975) ; “microcrystal forms of certain alkaloid reineckates”.
13. Habib, A.M.; Hassan, M.M.A and Muhtadi, F.J. ; J. Drug research, Egypt, 6 (2), 189 (1974). “ The Investigation of Quaternary Bases in *Haloxylon persicum* ”.
14. Hassan, M.M.A.; Habib, A.M. and Muhtadi, F.J. ; Die Pharmazie, 31,H9 (1976). “ Investigation of the volatile oil of Saudi *Luvandula dentate*”.

15. Habib, A.M. and Sarg,T.M. ; Bull. Fac. Sci. Riyadh University, 8, 341 (1977) ; “ Investigation of Saudi Mint Oil”.
16. Muhtadi, F.J.; Hassan, M.M.A; and Habib, A.M. ; FIP 37 Abstracts, 149, (1977) . "Chemotaxonomic Identification of Some Saudi Chenopodious Plants”.
17. Metwa1ly, A.M. and Habib, A.M. ; J. of Pharmaceutica1 and Medicinal Sciences, Nigeria, 3, 89 (1979) ; “Reliability of Micro-Crystal Tests for Alkaloid Mixtures”.
18. Habib, A.M.; El-Sebakhy, N.A. and Kadry, H.A.; J. of Pharmaceutical Sciences, 68, 1221 (1979); “New and simple methylene blue colorimetric assay for glycyrrhizin in pharmaceuticals”.
19. Habib, A.M. ; J. of Pharmaceutical Sciences, 69, 37 (1980) ; “ False – Positive Alkaloid Reactions”.
20. Habib, A.M. ; Proceedings of the 15th Conference of pharm. Sciences, Cairo (1977), p. 74 ; “Phytochemical Investigation of *Echium sericium* and *Crotalaria retusa*”.
21. Habib, A.M., and El-Sebakhy, N.A. ; Egypt. J. of pharm. Sci., 19, 71 (1978) ; “Micro-estimation of retronecine-ester-alkaloids ; Alkaloids of *Crotalaria madurensis* R. Wight ”.
22. Habib, A.M.; El-Ghazooly, M.G. and Khafagy, S.M. ; Egypt. J. of pharm. Sci., 19, 9 (1978) ; “ Colorimetric estimation of xanthotoxin-ammidin mixtures”.
23. Habib, A.M. ; Proceedings of the 16th Conference of pharm. Sciences, Cairo (1978) , p,113 ; Acids and quaternary bases from the seeds of *Aristolochia elegance* and *Aristolochia bracteata* ”.
24. Habib, A.M. and El-Sebakhy, N.A. ; Bull. of Fac. Pharmacy, Cairo University (1979); “Pharmacognostical study of the stem, underground stem and root of *Artastolochia bracteata* Retz.”.
25. Habib, A.M. and El-Sebakhy, N.A. ; Bul1. of Fac. Pharmacy, Cairo University (1979); “Pharmacognostical study of the leaf and fruit of *Aristolochia bracteata* Retz. ”.
26. Habib, A. M. and Kadry, H. A. ; Bull. Fac. Pharmacy, Cairo University (1979) ; "Macro- and Micromorphology of the leaves and stems of *Senecio petasitis* D. C. ”.
27. Saleh, M. R. I. ; Habib, A. M. and Ghazy, N.; African J. of Medicinal Plants (1979); "Macro- and Micromorphology of the flower of *Scolymus hispanicus* L. ”.
28. Saleh, M. R. I. ; Habib, A. M. and Ghazy, N. ; Bull. Fac. Pharmacy, Cairo University (1979) ; " Macro- and Micromorphology of the leaves, stems and fruits of *Scolymus hispanicus* L. ”.
29. Saleh, M. R. I., El-Sebakhy, N. A., and Habib, A. M. ; Bull. Fac. Pharmacy (1979). " Pharmacognostical Study of the flower of *Aristolochia elegans*.

30. Habib, A. M. , El-Ghazooly , M. G. and Khafagy, S. M. ; African J. of Medicinal Plants(1979) ; " Spectrophotometric estimation of judaicin " .
31. Saleh , M. R. I. ; Habib , A. M. and Ghazy , N. ; Bull. Fac. Pharmacy, Cairo University (1979) ; " Chemical Investigation of *Scolymus hispanicus* L. " .
32. Habib, A. M. ;and O. M. K. ; African J. Pharm. Sci. (1979); " Specific Estimation of Reserpine Ester Alkaloids in Crude Drugs and Pharmaceuticals " .
33. Habib, A.M. and Metwally, A.M. ; Scientia Pharmaceutica (Austria), 48, 213 (1980) ; "A new eudesmanolide from *Senecio aegyptius*" .
34. Habib, A.M. and El-Sebakhy, N.A. ; J. Natural Products (Llovdia) 43, 452 (1980) ; "Spectrophotometric estimation of sennosides and rhein glycosides in senna and its preparations" .
35. Habib, A.M. and El-Sebakhy, N.A. ; Die Pharmazie, 36 (4) , 291 (1981) . " Ent-kaurane-16 α , 17-dio1 and (-) cubebin as natural products from *Aristo1ochia elegans* " .
36. El-Olemy, M. M. , Moustafa , S. M. I. And Habib , A. M. ; Egypt. J. of pharm. Sci. (1980) ; " Difference spectrophotometric estimation of Xanthotoxin - Ammidin mixtures " .
37. El-Olemy, M. M. , Moustafa , S. M. I. ; Kadry, H. A. And Habib , A. M. ; Egypt. J. of pharm. Sci. (1980) ; " Difference spectrophotometry of flavonoid mixtures ; Estimation of rutin-quercetin mixtures" .
38. Habib, A. M. and Salih, M. R. I. ; J. Assoc. Anal. Chem. , 63 (3), 556 (1980) ; "Difference spectrophotometric method for estimation of balsamic acids in presence of resin acids" .
39. Saleh, M. R. I. , Habib, A. M. and El-Shaer , N. ; J. Assoc. Anal. Chem. , 63 (6), 1195 (1980). "Spectrophotometric estimation of cinnamic and benzoic acids in balsam Tolu and Benzoin" .
40. Habib, A. M. ; Planta Medica, 43, 290 (1981) ; "Alkaloids from *Senecio aegyptius* and *S. desfontainei*" .
41. Saleh, M. R. I. ; Habib, A. M. ; El-Ghazooly , M.G.; Gabre , O. M. K. and El-Fiky, F. K.; Proceedings of the 17th Egyptian Conference of pharm. Sciences, Cairo (1982) , p. 22 ; " Chemical Constituents of *Launaea resedifolia* " .
42. Saleh, M. R. I. , Habib, A. M. El-Ghazooly, M. G.; Gabre , O. M. K. and El-Fiky, F. K. ; Proceedings of the 17th Egyptian Conference of pharm. Sciences, Cairo (1982) , p. 25 ;" Macro- and Micromorphology of the flowers of *Launaea resedifolia* " .
43. Saleh, M. R. I. , Habib, A. M. El-Ghazooly , M. G.; Gabre , O. M. K. and El-Fiky, F. K.; Egypt. J. of pharm. Sci. , 23, 271 (1982) ; " Macro- and Micromorphology of the leaf, stem and root of *Launaea resedifolia* " .

44. Cassady, J. M. ; Chang, C. J. ; Habib, A. M. ; Ho, D. ; Amonkar, A. and Masuda, S. ; National Cancer Institute Symposium on Discovery and Development of Naturally Occurring Anti-Tumor Agents. Fredrick, MD (1983); " Novel antitumor Xanthonnes and anthracenes from *Psorosprmm* ".
45. Habib, A. M. ; Masuda, S. ; Chang, C. J. and Cassady, J. M. ; Proceedings of the 24th Annual meeting of the American Society of Pharmacognosy, Oxford, Mississippi ; July 24- 28 (1983). " Novel Xanthonnes and from *Psorosprmm febrifugum*".
46. Cassady, J. M. ; Chang, C. J. ; Habib, A. M. ; Ho, D. ; Amonkar, A. and Masuda, S. ; Alfred Benzon symposium on Natural Products and Drug Development; Copenhagen, August 7-8 (1983) . " Novel Xanthonnes, anthraquinones and anthrones from *Psorosprmm febrifugum*".
47. Cassady, J. M. ; Chang, C. J. ; Habib, A. M. ; Ho, D. ; Amonkar, A. and Masuda, S. ; Natural Products and Drug Development; eds. P. Krogsgaard-Larsen, D. Brogger Christensen, H. Kofod; p. 228 (1984). " Antineoplastic Agents from Higher Plants " .
48. Habib, A. M. ; Chang, C. J. and Cassady, J. M. ; Proceedings of the 131st American Pharmaceutical Association Annual Meeting, Montreal, Canada, May 5-10, 1984, p. 27; " Vismiones and anthrone derivatives from *Psorosprmm febrifugum*".
49. Habib, A.M., Gabre , O. and El-Sebakhy, N.A. ; Proceedings of the 131st American Pharmaceutical Association Annual Meeting, Montreal, Canada, May 5-10, 1984; p. 26 ; " A Background Study for Assaying Morphine and Narceine in Mixtures".
50. Habib, A.M., Omar, A. A. and Sarg,T.M. ; J. Assoc. Anal. Chem., 67 (5) . 939 (1984); " Difference Spectrophotometric Estimation of Santonin".
51. Habib, A. M. ; Reddy, K. S. ; McCloud, T. G.; Chang, C. J. and Cassady, J. M. ; " New Xanthonnes from *Psorosprmm febrifugum*". J. Natural Products, 50, 141 (1987).
52. Habib, A. M. ; Reddy, K. S. ; McCloud, T. G.; Chang, C. J. and Cassady, J. M.; Proceedings of the 27th Annual meeting of the American Society of Pharmacognosy, Ann Arbor, MI, U. S. A. (1986). " Xanthonnes from *Psorosprmm febrifugum*".
53. Abou-shoer, M. ; Habib, A. M. ; Chang, C. J. and Cassady, J. M. ; " Novel Xanthonnes from *Psorosprmm febrifugum*". Proceedings of the International Congress on Natural Produe University of North Carolina, Chapel Hill, July 7- 12, (1985).
54. Habib, A. M. ; Ho, D. ; Masuda, S. ; McCloud, T. G.; ; Reddy, K. S. ; Abou-shoer, M.; McKenzie, A. ; Byrn, S. R. ; Chang, C. J. and Cassady, J. M. ; J. Org. Chem. , 52, 412, (1987). " Structure and stereochemistry ; of psorospermin and related cytotoxic dihydrofuranoxanthonnes from *Psorosprmm febrifugum*".

55. Abou-shoer, M. ; Habib, A. M. ; Chang, C. J. and Cassady, J. M. ; *Phytochemistry*, 28, 2483, (1989); " Seven New Xanthonlignoids from *Psorosprum febrifugum*".
56. Habib, A. M. ; Chang, C. J. and Cassady, J. M. ; ; Proceedings of the International Conference of Pharmaceutical Industries; Alexandria, Egypt; May 16 - 19, (1990). " High field N.M.R Study of Anthracene Derivatives from *Psorosprum febrifugum*".
57. Habib, A. M. ; Proceedings of Symposium II of the International Conference of Pharmaceutical Industries; Alexandria, Egypt; May 16 - 19, (1990). " Potentialities of N. M. R. Spectroscopy in Quality Control of Pharmaceuticals".
58. Abou-Donia, A.; De-Giulio; A., Evidente, A. ; Gaber, M.; Habib, A, M.; Lazetta, R. ; and Seif Eldin, A. ; *Phytochemistry* , 34, 3445, (1991). " Narciclasine-4-O-B-D- Glucopyranoside, A Glucosyloxy Amidic Phenanthridone Derivative From *Pancratium maritimum*".
59. Abou-Donia, A. ; Habib, A, M. ; Seif Eldin, A. ; Evidente, A. ; Gaber, M. ; and Scopa, A. ; *Phytochemistry* , 31, 2139, (1992). " Two Betaine-Type Alkaloids From *Pancratium maritimum*". "
60. Abou-shoer, M. ; Suwanborirux; Habib, A. M. ; Chang, C. J. and Cassady, J. M. ; *Phytochemistry*, 34, 1413, (1993); " Xanthones and Vismiones from *Psorosprum febrifugum*".
61. Darwish, F.; Aboul-Ela. M.; Zahra, H. and Habib, A. M. ; " Glycosides of *Medicago lupulina* L. growing in Egypt. *Alex. J. Pharm. Sci.* 10, 109-116 (2002).
62. Habib, A. M. ; Proceedings of the 2004 International Congress on Natural Products Research (ICNPR meeting), July 31 - August 4, 2004, Phoenix, Arizona, USA, p: 255, " Manipulating Reaction Induced Shifts for Difference Spectrophotometric Estimation of Various Natural Products Classes ". (2004).
63. MAGED S. ABDEL-KADER AND ABDEL-AZIM M . HABIB , Proceedings of the 2004 International Congress on Natural Products research (ICNPR meeting), July 31- August 4, 2004, Phoenix, Arizona, USA, p: 268 " X-ray structure of (-) istanbolin A from *Senecio aegyptius*. (2004).
64. Abdalla M. El-Lakany, Maha A. Aboul-Ela and Abdel-Azim M. Habib; Proceedings of the 2004 International Congress on Natural Products research (ICNPR meeting), July 31 - August 4, 2004, Phoenix, Arizona, USA, p: 277. " Homoisoflavones from *Muscari comosum* growing in Egypt ". (2004).
65. Magid S. Abdel kadir and Abdel-Azim M . Habib , " X-ray structure of (-) istanbolin A from *Senecio aegyptius*; *Alex. J. Pharm. Sci.*, 18 (1), 1-3, (2004).
66. Abourashed, Ehab A.; Abdel-Kader, Maged S.; Habib, Abdel-Azim, M. "HPTLC determination of sildenafil in pharmaceutical products and aphrodisiac herbal preparations. *Journal of Planar Chromatography-----Modern TLC*". 18 (105), 372-376, (2005).

67. Chemical and Pharmacological Investigation of the Red Sea Sponge *Pseudoceratina arabica*; The 1st Euro-Mediterranean Conference on Marine Natural Products; October 31st – November 4th, 2008; Sharm El-Sheikh, Egypt; p 27.
68. Brominated metabolites from the Red Sea Sponge *Pseudoceratina arabica*; The 1st Euro-Mediterranean Conference on Marine Natural Products; October 31st – November 4th, 2008; Sharm El-Sheikh, Egypt; p 57.
69. Badr, J. M. ; Shaala, L. A. ; Abou-shoer, M. I. ; Tawfik M. K. ; and Habib, A. M. "Bioactive brominated metabolites from the Red Sea Sponge *Pseudoceratina arabica*; , Journal of Natural Products USA, **71**, 1472–1474, (**2008**).
70. Abou-shoer, M. I. ; Shaala, L. A. ; Youssef, D. T. A.; Badr, J. M. and Habib, A. M. " Bioactive brominated metabolites from the Red Sea Sponge *Suberea mollis*; Journal of Natural Products USA, **71**, 1464–1467, (**2008**).
71. Nagwa El-Shaer, Fahima Kasim, Neveen Barghout and Abdel-Azim Habib. "Difference spectrophotometric and HPTLC Estimation of reserpine and rescinnamine in phytopharmaceuticals". (Under Publication).
72. Fahima Kasim, Nagwa El-Shaer, Neveen Barghout and Abdel-Azim Habib. "Difference spectrophotometric and HPTLC Estimation of yohimbine in pharmaceutical preparations. (Under Publication).
73. Habib, A. M. ; Proceedings of the 2004 International Congress on Natural Products Research (ICNPR meeting), July 31 - August 4, 2004, Phoenix, Arizona, USA (2004); p: 255. " Manipulating Reaction Induced Shifts for Difference Spectrophotometric Estimation of Various Natural Products Classes ".
74. MAGED S. ABDEL-KADER AND ABDEL-AZIM M . HABIB , Proceedings of the 2004 International Congress on Natural Products research (ICNPR meeting), July 31- August 4, 2004, Phoenix, Arizona, USA, p: 268 " X-RAY STRUCTURE OF (-) ISTANBOLIN A FROM *SENECIO AEGYPTIUS* ".
75. Abdalla M. El-Lakany, Maha A. Aboul-Ela and Abdel-Azim M. Habib; Proceedings of the 2004 International Congress on Natural Products research (ICNPR meeting), July 31 - August 4, 2004, Phoenix, Arizona, USA, p: 277. " HOMOISOFLAVONES FROM *MUSCARI COMOSUM* GROWING IN EGYPT ".
76. The 1st Euro-Mediterranean Conference on Marine Natural Products; October 31st – November 4th, 2008; Sharm El-Sheikh, Egypt; p 27. "Chemical and Pharmacological Investigation of the Red Sea Sponge *Pseudoceratina Arabica*".

77. The 1st Euro-Mediterranean Conference on Marine Natural Products; October 31st – November 4th, 2008; Sharm El-Sheikh, Egypt; p 57. "Brominated metabolites from the Red Sea Sponge *Pseudoceratina Arabica*".
78. Sandy M. Edward, Mohamed I. Abou-Shoer, Abdel-Azim M. Habib, and Abdalla A. Omar, " A SIMPLE SENSITIVE METHOD FOR ROUTINE ANALYSIS OF EXTRACTS OF LOCALLY CULTIVATED *ECHINACEA*", Proceedings of the Joint Meeting - The 49th Annual meeting of the Phytochemical Society of North America and the 51st Annual meeting of the American Society of Pharmacognosy, Saint Petersburg Beach, Florida, USA, 10 - 14 July 2010, P-236.
79. Fathalla M. Harraz, Abdel-Azim M. Habib, Fahima F. Kasim, Nagwa S. El-Shaer, and Niveen M. Barghout, "Distinctive estimation of individual resperates in pharmaceuticals", Proceedings of the Joint Meeting - The 49th Annual meeting of the Phytochemical Society of North America and the 51st Annual meeting of the American Society of Pharmacognosy, Saint Petersburg Beach, Florida, USA, 10 - 14 July 2010, P-63.
80. Mohamed Aboushoer, Aballa Omar, Abdel-Azim Habib, Sandy Edward and Maha Eldemellawy "PHYTOEQUIVALENCE EVALUATION OF LOCALLY CULTIVATED *ECHINACEA PURPUREA* A SIMPLE AND SENSITIVE COLORIMETRIC METHOD FOR ROUTINE ANALYSIS OF *ECHINACEA* EXTRACTS," International Journal of Analytical Chemistry (on line); Under publication (Article No. 124605).
81. The Yemeni Prototype Plan to develop a national traditional policy; A paper presented to the "25th Anniversary Conference, Zayed Complex for Herbal Research and Traditional Medicine [TCAM DEVELOPMENT STRATEGIES FOR THE 21ST CENTURY], Abu-Dhabie, UAE (10. 12. 2013).
82. "Anticancer activity-guided fractionation of *Trigonellastellata* extract", A Poster presented to the annual NCNPR (national centre for NPR), OXFORD, MISS annual conference, OCT., 2015.
83. Developing traditional medicine strategies for the Arab Counties; A paper presented to the 1st PUA International Conference on Advances in Pharmaceutical Sciences; October 27th, 2015; Alexandria, Egypt.
84. "Anticancer activity-guided fractionation of *Trigonella stellata* extract", American Association of Pharmaceutical Scientists, Orlando, Florida on October 25-29, 2015.
85. Phytochemical investigation of *Senecio vulgaris* L. Hala M. Hammada^a, Fahima F. Kassem^a, Mohammed M. Radwan^{a, b}, Reham S. Darwish^a and Abdel Azim M. Habib^a
86. "Bioactivity-Guided Isolation of Potential Antidiabetic and Antihyperlipidemic Compounds from *Trigonella stellata*", SafaShamsEldin, MohamedRadwan, Amira Wanas, Abdel-Azim Habib, FahimaKassem, HalaHammada, Shabana Khan, Michael Klein, Khaled Elokely, and Mahmoud ElSohly; .J. Nat. Prod. 2018, 81, 1154–1161.

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Editorial Activities for WHO, Invited Presentations/Lectures and International Traditional Medicine Activities:

87. "Integration Of Herbal Medicine In The Health Care System In Egypt ". EMRO, Inter-country Expert Meeting, Alexandria, December, (1993).
88. "Development of National Drug Policy For Herbal Medicine In Egypt", EMRO, Inter-country Expert Meeting", Cairo, April, 1995.
89. "A Proposed Strategy to Promote Herbal Remedies in Egypt ". Mansoura University Forum on Herbal Medicine in the Context of environmental Problems and Concurrent Diseases, 1994.
90. Habib, A. M. ; "WHO Activities in Traditional Medicine in the Mediterranean Region", a paper presented to the third meeting of collaborating centers for traditional medicine, Beijing, People's Republic of China; 23 – 26 October, 1995; { WHO Document; WHO/TRM/96.1, page 23.
91. " Step Wise Integration of Herbal Remedies in the Official Health Care System ". Al-Azhar University Conference, Cairo , 1995.
92. Habib, A. M. ; " Promotion of the role of Traditional Healers and Birth Attendants (TBAs) in the National Health Services", a paper presented to the EMRO Regional Consultation , Islamabad, Pakistan, October, 11-14 October (1996).
93. " Pragmatic and Practical Approach For the Utilization of Medicinal Plants in Primary Health Care ", 25th Egyptian Conference of Pharmaceutical Sciences, Cairo, December, 1996.
94. "Format and Information Sheets on selected Medicinal Plants for the EMR Countries". The Third East Mediterranean Drug Regulatory Authority Meeting (EMDRAC- 3) ; Manama, Bahrain, (4-7 November, 1996).
95. "Different Global Approaches of Promotion of Herbal Medicinals ". General Lecture; Faculty of Pharmacy, Alexandria University, (1998).
96. "Recent Developments in Herbal Medicine ". 26th Egyptian Conference of Pharmaceutical Sciences, Cairo, (1998).
97. "Some Significant Events Concerning Herbal Medicine ". Al-Azhar University Conference of Pharmaceutical Sciences, Cairo, (1998).
98. " Herbal Medicine; Different global approaches and recent developments "; The Second International Conference for Lab Technology, Biotechnology, Diagnosis and Analysis. (Interlab 98); Oct. 18-20, 1998; Cairo, Egypt.

99. **Habib, A. M. ; " Feasible means to eliminate the serious cases of intoxication among Afghans, known as (The Gulran Disease or Chalmac Poisoning)". A paper presented to EMRO; as a part of a final report on a WHO Consultation, To Investigate The Possible Causes Of This serious Disease " ; (EMRO, August, 1999).**
100. **Habib, A. M. ; " Model Monographs on Medicinal Plants, A Further Step Towards Global Harmonization in Regulation and Quality Control of Herbal Medicine ". Assiut University 2nd Pharmaceutical Conference, March, (2000).**
101. **Habib, A. M. ; " Update of the Global Situation of Herbal Medicine ". Alexandria 2nd International Conference of Pharmaceutical Sciences ". Alexandria University, Alexandria, October, (2000).**
102. **Habib, A. M. (Editor and reviewer); " WHO Monographs on Selected Medicinal Plants; Volume 1 ". WHO - Head Quarter, World Health Organization, Geneva (1999). ISBN (92 4 154517 8).**
103. **Habib, A. M. (reviewer); "Regulatory situation of Herbal Medicine"; World Health Organization, 1998; WHO/TRM/98.1**
104. **Habib, A. M. (Editor and reviewer); " WHO Monographs on Selected Medicinal Plants; Volume 2 ". WHO - Head Quarter, World Health Organization Geneva. ISBN (92 4 154537 2); (2002).**
105. **Habib, A. M. (reviewer); Research and Development of Traditional Medicine; World Health Organization 2000, WHO/EDM/TRM/2000.1.**
106. **Habib, A. M. ; " Developing a Traditional Medicine Strategy in Yemen "; Assignment report and Executive Action Document, presented to the EMRO Office, { WHO Document, EM/EDB/063/ E/ R/ 03.06 }; (2006).**
107. **Habib, A. M. (Editor and reviewer); WHO guidelines on quality for Safety of Homeopathic Medicines; WHO/TCM/TRM; March 2007.**
108. **Habib, A. M. (Editor and reviewer); " WHO Monographs on Selected Medicinal Plants; Volume 3 ". WHO - Head Quarter, World Health Organization, Geneva. ISBN (978 92 4 154702 4); (2007).**
109. **Habib, A. M. (reviewer); Safety Issues in the Preparation of Homeopathic Medicines; World Health Organization 2009; ISBN 978 92 4 159884.**
110. **Habib, A. M. (Editor and reviewer); " WHO Monographs on Selected Medicinal Plants; Volume 4 ". World Health Organization, Geneva; 2009, ISBN 978 92 4 154705 5**
111. **Habib, A. M. (Editor and reviewer); WHO Monographs on Medicinal Plants Commonly Used in the Newly Independent States (NIS); World Health Organization, 2010, ISBN 978 92 4 159772 2.**

112. Habib, A. M. ; WHO Executive Action Document, (WHO Document EM /EDP /063/ E/ R/0.06) ; (2006); A Mission to Yemen to assist the country in developing traditional medicines strategy.

113. Habib, A. M. ; “DEVELOPING A TRADITIONAL MEDICINE STRATEGY” (The Yemeni Prototype Plan). A paper presented to the “25th Anniversary Conference, Zayed Complex for Herbal Research and Traditional Medicine [TCAM DEVELOPMENT STRATEGIES FOR THE 21ST CENTURY], Abu-Dhabie, UAE (10. 12. 2013).

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Experience and Activities in Herbal and Traditional Medicine Fields

(Continued)

Dr. Abdel-Azim M. Habib C.V. (Continued)

Experience and Activities in Herbal and Traditional Medicine Fields

Professional for more than 50 years and expert of profound experience and knowledge in Medicinal Herbs, Regulations and Legislations of Herbal Medicine; as well as Developing National Drug Policies in the context of Traditional medicine. Contributing intensively in enormous National, Regional and Global events and activities through three decades of continuous active cooperation with the World Health Organization:

1. **WHO Headquarter** (*Dr. X. Zhang, Coordinator, Traditional Medicine, Department of Essential Medicine and Drug Policy*) and;

2. **The East Mediterranean Regional Office –EMRO-** (*Dr. A. Saleh, Former Deputy Regional Director*) as Expert, Consultant and Adviser in diverse activities:

- Developing Guidelines for National Policies on Traditional Medicine;
- Programs, meetings and workshops to Promote Rational Use of Traditional Herbs;
- Developing Information Sheets and Model Monograph on Widely Used Medicinal Plants;
- Developing Strategies for Intellectual Property Rights in the Context of Traditional Medicine;
- Developing Guidelines for Quality Control of Herbal Medicinal Products and for the Safety of Homeopathic Products.
- Editing, revising and reviewing many WHO documents, publications, journals, articles and projects.

World Health Organization Assignments:

(Consultative, Advisory and Intellectual Activities For the WHO Headquarter, Geneva, Switzerland; and For the East Mediterranean Regional Office (EMRO).

1. **WHO Temporary Advisor (EMRO) and speaker** to the Inter-Country Meeting on the development of " Guidelines for National Policy on Traditional Medicine " . **Alexandria**, 21-23 Dec. 1993. Elected as Rapporteur. (WHO document; WHO-EM / TRM / 3-E/L).
2. **WHO Temporary Advisor (EMRO)** 6-16 March 1994; to finalize the report of the above meeting and to prepare a " Draft Guidelines for National Policy on Traditional Medicine " . (WHO document; WHO-EM / PTS / 3-E/L).
3. **WHO Temporary Advisor (EMRO) and speaker** to the " Consultative Meeting on the Rational Use of Traditional Medicine ". **Cairo**, 10-13 April 1995. Elected as **Rapporteur**. (WHO document; WHO-EM / PTS / 186/E/L).
4. **WHO Temporary Advisor (EMRO)**; to finalize the document " Guidelines for the Development of National Policies on Traditional Medicine. (WHO document; WHO-EM / TRM / 1997).
5. **WHO Temporary Advisor (EMRO)** 25 May to 5 June 1998; to prepare Format and Information Sheets of the selected Medicinal Plants List for the EMR-Countries.
6. **WHO Temporary Advisor and representative of WHO regional office (EMRO), and speaker** to the " Third Meeting of Directors of WHO Collaborative Centers for Traditional Medicine ". **Beijing, China**, 23- 26

October 1995. (WHO Document; WHO/TRM/96.1, page 23).

7. **WHO Advisory assignment** to prepare and finalize the report of EMRO activities in the Traditional Medicine Program; for the aforementioned meeting. (WHO document; WHO / TRM / 96.1), 1996.
8. **Temporary Advisor , WHO - Head Quarter**, to the " Consultation of Model Monograph on Widely Used Medicinal Plants ". **Munich, Germany**, 8-10 July, 1996 . (WHO document; WHO / TRM /96.3).
9. **As WHO expert, WHO - Head Quarter**; for preparation of, reviewing and finalizing " WHO Monographs on Selected Medicinal Plants; **Volume 1** " .
10. **WHO Temporary Advisor (EMRO) ; and speaker** to the "Regional Consultation on Better Utilization of Traditional Healers and Traditional Birth Attendants in National Health Systems". **Islamabad, Pakistan**, 11-14 October 1996. (WHO document; WHO-EM / TRM / 006 / E / L).
11. **EMRO representative and speaker** to the Third East Mediterranean Drug Regulatory Authority Meeting (EMDRAC- 3) ; **Manama, Bahrain**, 4-7 November, 1996. (WHO document; WHO-EM / PTS / 208 / E / L).
12. **EMRO representative** to preparatory meeting for " Regional Expert Consultation on Enhancing the Role of Women in Bio-diversity ". **UNESCO Regional Office, Cairo**, 16. 3. 1997.
13. **As WHO expert**, for preparation of, reviewing and finalizing " WHO Monographs on Selected Medicinal Plants; **Volume 2** ". WHO - Head Quarter, 1997- 1999.
14. **EMRO representative and speaker** to the Fourth East Mediterranean Drug Regulatory Authority Meeting (EMDRAC- 4) ; **Nicosia, Cyprus**, 22- 24 April, 1999.
15. **Consultative Activity**, to investigate and write a report on " the possible causes of the serious cases of intoxication among Afghans, known as The Gulran Disease or Chalmac Poisoning, and suggesting feasible means to eliminate the disease ". EMRO, August, 1999.
16. **WHO Temporary Advisor (EMRO)**; to the " Exert Meeting to Prepare an Outline for a Text Book on Pharmacy Practice ". **Cairo**, 24- 26 May 1999.
17. **EMRO representative** to the " Interregional Workshop on Intellectual Property Rights in the Context of Traditional Medicine ". **Bangkok, Thailand**, 6- 8 December, (2000). (WHO document; WHO/EM /TRM / 2001.1).
18. **As WHO expert**, for preparation of, reviewing and finalizing " WHO Monographs on Selected Medicinal Plants; **Volume 3** ". WHO - Head Quarter, (2000- 2001).
19. **As WHO expert**, for preparation of, reviewing and finalizing " WHO Monographs on Selected Medicinal Plants; **Volume 4** ". WHO - Head Quarter, (2002 - 2005).
20. **As WHO expert**, for preparation of, NIS Monographs " Monographs on Medicinal Plants Commonly Used In Newly Independent States". WHO - Head Quarter, (2005).
21. **As WHO expert**, for reviewing the draft document " WHO guidelines on quality control of safety of homeopathic products " ; WHO - Head Quarter, (2005 – 2006).

22. **As WHO expert**, for reviewing the draft document " WHO guidelines for the selection of substances for quality control of herbal medicines " ; WHO - Head Quarter, (2007).
23. **WHO Temporary Advisor (EMRO) and speaker** to the Inter-Country Meeting; Regional consultation on development of EMRO guidelines for national policies on traditional medicine; **Abou-Dhabi, United Arab Emirates**. (22-24 November, 2005).
24. **WHO Short Term Consultant (EMRO)**; A Mission to Yemen to assist the country in developing traditional medicines strategy and to conduct a national training workshop on traditional medicines; (1 – 15 December, 2005).

Editorial Activities in herbal and natural drugs:

(& WHO-Invited Presentations, Compilations for the Traditional Medicine Programs):

- 1) **Natural Products and Drug Development**; eds. P. Krogsgaard-Larsen, D. Brogger Christensen, H. Kofod; -- "Antineoplastic Agents from Higher Plants". By Cassady, J. M. ; Chang, C. J. ; Habib, A. M. ; Ho, D. ; Amonkar, A. and Masuda, S. ; p. 228 (1984).
- 2) "Integration Of Herbal Medicine In The Health Care System In Egypt". EMRO, Inter-country Expert Meeting, Alexandria, December, (1993).
- 3) "Development of National Drug Policy For Herbal Medicine In Egypt", EMRO, Inter-country Expert Meeting", Cairo, April, 1995.
- 4) "A Proposed Strategy to Promote Herbal Remedies in Egypt". Mansoura University Forum on Herbal Medicine in the Context of environmental Problems and Concurrent Diseases, 1994.
- 5) "WHO Activities in Traditional Medicine in the Mediterranean Region", a paper presented to the third meeting of collaborating centers for traditional medicine, Beijing, People's Republic of China; 23 – 26 October, 1995; { WHO Document; WHO/TRM/96.1, page 23.
- 6) "Utilization of Traditional Medicine Practitioners and Birth Attendants in National Health Services", a paper presented to the EMRO Regional Consultation , Islamabad, Pakistan, October, 1996.
- 7) "Step Wise Integration of Herbal Remedies in the Official Health Care System". Al-Azhar University Conference, Cairo , 1995.
- 8) "Pragmatic and Practical Approach For the Utilization of Medicinal Plants in Primary Health Care", 25th Egyptian Conference of Pharmaceutical Sciences, Cairo, December, 1996.
- 9) "Different Global Approaches of Promotion of Herbal Medicinals". General Lecture; Faculty of Pharmacy, Alexandria University, (1998).
- 10) "Recent Developments in Herbal Medicine". 26th Egyptian Conference of Pharmaceutical Sciences, Cairo, (1998).

- 11) **"Some Significant Events Concerning Herbal Medicine "**. Al-Azhar University Conference of Pharmaceutical Sciences, Cairo, (1998).
- 12) **" Herbal Medicine; Different global approaches and recent developments "**; The Second International Conference for Lab Technology, Biotechnology, Diagnosis and Analysis. (Interlab 98); Oct. 18-20, 1998; Cairo, Egypt.
- 13) **" Feasible means to eliminate the serious cases of intoxication among Afghans, known as (The Gulran Disease or Chalmac Poisoning)"**. A paper presented to EMRO Regional Office; as a part of a final report on " A Consultation, To Investigate The Possible Causes Of The Gulran Disease " ; (EMRO, August, 1999).
- 14) **" Model Monographs on Medicinal Plants, A Further Step Towards Global Harmonization in Regulation and Quality Control of Herbal Medicine "**. Assiut University 2nd Pharmaceutical Conference, March, (2000).
- 15) **" Update of the Global Situation of Herbal Medicine "**. Alexandria 2nd International Conference of Pharmaceutical Sciences ". Alexandria University, Alexandria, October, (2000).
- 16) **Co-authoring " WHO Monographs on Selected Medicinal Plants; Volume 1 "**. WHO - Head Quarter, World Health Organization, Geneva (1999). ISBN (92 4 154517 8).
- 17) **Co-editing "Regulatory situation of Herbal Medicine"** ; World Health Organization, 1998; WHO/TRM/98.1
- 18) **Co-authoring " WHO Monographs on Selected Medicinal Plants; Volume 2 "**. WHO - Head Quarter, World Health Organization Geneva. ISBN (92 4 154537 2); (2002).
- 19) **Co-editing "Research and Development of Traditional Medicine"**; World Health Organization 2000, WHO/EDM/TRM/2000.1.
- 20) **Habib, A. M. ; " Developing a Traditional Medicine Strategy in Yemen "**; Assignment report and **Executive Action Document**, presented to the EMRO Office, { WHO Document, EM/EDB/063/E/R/03.06 }; (2006).
- 21) **Co-editing "WHO guidelines on quality for Safety of Homeopathic Medicines"**; WHO/TCM/TRM; March 2007.
- 22) **Co-editing "WHO guidelines on safety of herbal medicines in pharmacovigilance systems"** . (ISBN 92 4 159221 4).
- 23) **Co-editing "Safety issues in the preparation of homeopathic medicines"**. (ISBN 978 92 4 159884 2).
- 24) **Co-editing "WHO guidelines on quality control for safety of homeopathic products"**. (WHO Document; WHO/ TCM/ TRM/ July 2006).
- 25) **Co-authoring " WHO Monographs on Selected Medicinal Plants; Volume 3 "**. WHO - Head Quarter, World Health Organization, Geneva. ISBN (978 92 4 154702 4); (2007).
- 26) **Co-editing "WHO guidelines for the selection of substances for quality control of herbal medicine"**. (WHO Document; WHO/ TCM/ April 2007).

- 27) **Co-editing** "Safety Issues in the Preparation of Homeopathic Medicines"; World Health Organization 2009; ISBN 978 92 4 159884.
- 28) **Co-authoring** " WHO Monographs on Selected Medicinal Plants; Volume 4 ". World Health Organization, Geneva; 2009, ISBN 978 92 4 154705 5
- 29) **Co-authoring** "WHO Monographs on Medicinal Plants Commonly Used in the Newly Independent States" (NIS); World Health Organization, 2010, ISBN 978 92 4 159772 2.
- 30) **Co-editing** "General guidelines for methodologies on research and evaluation of traditional medicine". (WHO Document; WHO/EDM/TRM/2000.1).
- 31) **Co-authoring** "WHO Monographs on Medicinal Plants commonly used in Newly Independent States". WHO - Head Quarter, **World Health Organization, 2010, ISBN 978 92 4 159772 2.**