

CURRICULUM VITAE

ا.د يوسف المدني الطاهر

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I. QUALIFICATIONS

- University Certificate, Tripoli, Libya 1983
- Bachelor of Pharmacy (B. Pharm.) faculty of Pharmacy, AL-Fateh Medical University, Tripoli, Libya 1987-1988
- Master of Sciences (MSc.), in Molecular Pharmacology, school of Pharmaceutical Sciences, Universiti Sains Malaysia (USM), Penang, Malaysia 1998
- Doctor of Philosophy in Immunopharmacology (PhD), Utrecht Institute for Pharmaceutical Sciences (UIPS), Utrecht University, Utrecht; University Medical Center Groningen, Groningen University, Groningen, The Netherlands 2007

Supervisors: Professor Dr. Antoon van Oosterhout and Associate Professor Dr. Paul Henricks

Examination Committee:

- Prof. Dr. A.E.J. Dubois, Allergology, UMCG, Hanzeplein 1, 9700 RB Groningen
- Prof. Dr. ir. H.F.J. Savelkoul, Cell Biology and Immunology, Wageningen University, Marijkeweg 40, 6709 PG Wageningen
- Prof. Dr. W. van Eden, Infectious Diseases and Immunology, Veterinary Faculty, Utrecht University, Yalelaan 1, 3584 CL Utrecht

II. PLACE OF WORK

- Department of Pharmacology and Clinical Pharmacy, Faculty of Pharmacy, Tripoli University, Tripoli, Libya.

III. APPOINTMENTS

- Pharmacist, director of Al-Fernag public pharmacy, The Ministry of Health 1989 – 1991
- Pharmacist, director and manager of Al-Huriah private pharmacy, Tripoli, 1990 – 1995
- Demonstrator in pharmacology, department of Pharmacology and Therapeutic, faculty of Pharmacy, Al-Fateh Medical University, Tripoli-Libya 1992 – 1995
- Master student at University Science Malaysia (USM), faculty of Pharmaceutical Sciences, department of Pharmacology, Penang, Malaysia 1995 – 1998
- Assistant lecturer in pharmacology, department of Pharmacology and Therapeutic, faculty of Pharmacy, Al-Fateh Medical University, Tripoli-Libya 1998 – 2002
- Lecturer in pharmacology, department of Pharmacology and Therapeutic, faculty of Pharmacy, Al-Fateh University, Tripoli-Libya 2002 – 2003
- Ph.D. student at Utrecht University (UU), faculty of Pharmacy, depart. of Pharmacology and Pathophysiology, Utrecht University, Utrecht; and Laboratory of Allergology and Pulmonary diseases, University Medical Center Groningen, Groningen University, Groningen, The Netherlands May 2003 – October 2007
- Post doc researcher at the department of Pharmacology and Pathophysiology, Utrecht University, Utrecht, The Netherlands. May 1– October 1 2007

- Lecturer in pharmacology, department of Pharmacology and Clinical Pharmacy, faculty of Pharmacy, Al-Fateh Medical University, Tripoli-Libya April 2-2008- March 31-2011
- Assistant Professor, Tripoli University, Tripoli-Libya April 1-2011- March 31-2015
- Associate Professor, Tripoli University, Tripoli-Libya April 1-2015- March 31-2019
- Professor, Tripoli University, Tripoli-Libya April 1- 2019 – till now

IV. MEMBERSHIP

- Member in the Eijkman Graduate School for Immunology and Infectious diseases
- Member in the Dutch Society of Pharmacology
- Member in the Dutch Society of Immunology
- Member in the Libyan Society for Pharmaceutical Sciences
- Reviewer in the Libyan Journal of Medicine (ljm)
- Reviewer in the Libyan J. Med. Res. (LJMR)
- Member in the Advisor committee for the Libyan J. Med. Res. (LJMR)
- Reviewer in Tripolitana Medical Journal (TMJ)

V. RESEARCH INTEREST

- Immunopharmacology of allergic asthma
- Ethno pharmacology
- Molecular pharmacology and drug-traditional medicine interaction

VI. INTERNATIONAL COURSES AND PRACTICAL TRAINING

- Workshop on Laboratory Animal Management, school of Pharmaceutical Sciences, USM, November 12 (1995) Penang, Malaysia.
- Laboratory Animal Science. Coordinated by the Department of Laboratory Animal Science, faculty of Veterinary Medicine, Utrecht University, August 25 – September 5 (2003) Utrecht, Netherlands.
- UIPS Introductory course. October 23 – 24 (2003) Utrecht, Netherlands.
- Research management for PhD students. March 31 (2004) Utrecht, Netherlands.
- Presenting in English. February 16 – March 22 (2004) Utrecht, Netherlands.
- Introductory Biostatistics for Researchers. June 14 – 18 (2004) Utrecht, Netherlands
- Postgraduate course Immunology. Organized by the Eijkman Graduate School for Immunology and Infectious diseases. January 10-14 (2005) Utrecht, Netherlands.
- Course Vaccines. Organized by the Eijkman Graduate School for Immunology and Infectious diseases. November 21-24 (2005) Utrecht, Netherlands.
- Post graduate course infection biology. Organized by the Eijkman Graduate School for Immunology and Infectious diseases. March 6-10 (2006) Utrecht, Netherlands.
- Epidemiological principles of infectious diseases. Organized by the Eijkman Graduate School for Immunology and Infectious diseases. June 19-23 (2006) Utrecht, Netherlands.
- Psychoneuroimmunology. Organized by the Eijkman Graduate School for Immunology and Infectious diseases. March 27-29 (2006) Utrecht, Netherlands.
- Writing in English for publication. The course comprised 21 contact hours. September 7 – October 26 (2006) Utrecht, Netherlands.
- Pathogenesis, diagnosis and treatment of infectious diseases – part II. Organized by the Eijkman Graduate School for Immunology and Infectious diseases. October 30-November 3 (2006) Utrecht, Netherlands.

VII. ACADEMIC ACTIVITIES

- Postgraduate seminar in Cardiovascular Therapeutics. School of Pharmaceutical Sciences, USM, Penang, Malaysia. November 28 - 30, (1997).
- 5-HT (Serotonin), its synthesis, metabolism and pharmacological actions. Faculty of Pharmacy, Al-Fateh University, Tripoli, Libya, August 5th, 1995.
- Abdurazzag Auzi and **Yousef Madane Taher**: Editors of the abstracts book of the African Conference on Medicinal Plants Research. October 21-23, (2000). Tripoli-Libya.
- Member of the scientific comity of the 4th national conference on pharmaceutical science. April 18 – 20 (2003), Tripoli, Libya.
- Member of the abstract book Lay-out of the 4th national conference on pharmaceutical science. April 18 – 20 (2003), Tripoli, Libya.
- AIO Retreat. Organized by the Eijkman Graduate School for Immunology and Infectious diseases. November 17-18, (2005), Hotel restaurant “DE Vossenberg”, Vierhouten, Netherlands.
- The Pertussis Story: A Model for other Childhood Diseases? “ Mini-symposium”, Utrecht University, Utrecht, The Netherlands. November 24, (2005).
- Research training program for PhD students. Eijkman Graduate School for Immunology and Infectious diseases. 2004 – 2007.

VIII. PATENT

- (2004) I was designated as inventor in the European patent application. European patents No 03075909.6-2107. Titled; Methods for inducing immunotolerance and composition for use therein.
- (2004) I was designated as inventor in the Canadian patent application. Canadian patents No WO 2004/084927 A3. Titled; Composition for inducing immunotolerance.

IX. TEACHING EXPERIENCE

A. UNDERGRADUATE TEACHING

I joined the University teaching since 1992. During that period I acted as a demonstrator in pharmacology for the undergraduate program at department of Pharmacology, faculty of Pharmacy, Al-Fateh Medical University. In this appointment my responsibility was to assist in teaching of therapeutic and pharmacology for the student.

In March 1999, I was appointed as a staff member, as assistant lecture, at department of Pharmacology and therapeutics, faculty of Pharmacy, Tripoli. I taught courses in systemic pharmacology, therapeutics and bioassay and screening of drugs for undergraduate students of pharmacy. I had also been responsible for designing and grading some of the examination questions for the entire courses.

B. POST-GRADUATE TEACHING

I did taught courses in immunopharmacology for the postgraduate students for the Master of Science degree. I was also responsible for the examination questions in this field.

X. RESEARCH LEADER (UNDERGRADUATE SUPERVISION)

Since March 1999, I was act as a group leader for the undergraduate students of the final year of Pharmacy in the topic of Pharmacology. The responsibility was to guide undergraduate student to carry out a research project in the field of pharmacology. The project was concentrated on the collection of data, either experimentally using laboratory animals or retrospective clinical studies. The students have to write a dissertation and to defence their results.

1. *Ezaddin Z. Al-Arbed* (1999-2000): Preliminary investigation on the anti-inflammatory and analgesic activity of *Menthe peperita* leaves in mice.
2. *Hajir M. Ben Emhemed* (2001-2002): Studies on menopause symptoms among Libyan women at Tripoli city.
3. *Badryia F. Al-Mehdawi and Hanan A. Salem* (2002-2003): Studies on analgesic, antipyretic and anti-inflammatory properties of clove oil in mice.
4. *Mufida A. Al-Gamati* (2008-2009): Studies on epilepsy disease among Libyan committee in Tripoli city.
5. *Amany Y. Abograin* (2008-2009): Autism spectrum disorder.
6. *Eman A. Al-Ghani and Eman D. Enemni* (2008-2009): Barriers to breast cancer screening among Libyan women in Tripoli city, Libya.
7. *Amel Muftah Hamza* (2008-2009): Effects of *Chamommile* Methanol Extract on sleeping time induced by Pentobarbital in mice
8. *Yousef A. Altaleb and Zohir M. ben Shipel* (2009-2010): Comparative study on major complication during diabetes mellitus.
9. *Aya H. Al-Ratimy and Areeje M. Al-Aseabi* (2009-2010): Studies on sleep habits and pattern among pharmaceutical students at Tripoli University.
10. *Hana I. Kander and Hana M. Al-grew* (2010-2011): Anti-depressant behavioral effect of *Salvia fruticosa* leaf ethanol extract in the mouse forced swimming test.
11. *Hana M. Al-Shawish* (2011-2012): Anti-depression effects of *Salvia fruticosa* ethanol extract in a mouse tail suspending test.
12. *Sawsan F. Faraj* (2011-2012): Medication errors in pediatric out-patient prescriptions of a Tripoli children Hospital.
13. *Hala Al-Basheer* (2012-2013): The concept of breast cancer.
14. *Khawla A. Said* (2012-2013): Understanding depression.
15. *Rayaan M.T.El-Zwaie and Marwa S. El-Sgair* (2015-2016): Knowledge, attitude and practice of Libyan family regarding fever in children.
16. *Tasneem A. Jrid* (2015-2016): knowledge, practice and attitude of Libyan mothers regarding oral rehydration solution
17. *Enass Ben Fadel and Marwa Abosag* (2016-2017): knowledge, practice and attitude of Libyan health care women workers regarding cervical cancer in Tripoli
18. *Yassin Zeraba* (2018-2019): knowledge, attitude and practice of Tripoli University students regarding acne vulgaris
19. *Essra Ali Amar* (2018-2019): knowledge, attitude and practice of Libyan mothers, living in Tripoli city, regarding breast feeding

XI. RESEARCH LEADER (POSTGRADUATE SUPERVISION)

1. *Ebtesam M. Alabasi* (2016 - July 11, 2019): Experimental evaluation of neurobehavioral activity of *Camellia sinensis* (green tea) leaf aqueous extract in mice (MSc, Student).

XII. EXTERNAL EXAMINER

- I was act as external examiner for Pharmacy student in Bioassay at faculty of Pharmacy, Al-Mergib University, AlKhoms city, 7^{ed} April University, Al-Zawea city, 7th October University, Misrata city, Libya.
- I was also act as external examiner for Pharmacy student in Pharmacology at faculty of Dentistry and Medicine, Misrata city and Arab Medical University, Benghazi city, Zawia University, Libya.

XIII. ACADEMIC RECOGNITION

- Biomedical research award; Top 50 article regarding aminopyrine. I got number 1 on the following years (2008-2013; 2009-2014; 2010-2015)
- Biomedical research award; Top 50 article regarding *Mentha piperta*. I got number 3 on the following years (2009-2014; 2010-2015)

XIV. UNIVERSITY REPRESENTATIVE

- Chairperson. Organizing committee responsible for graduation ceremony of the undergraduate pharmaceutical students (2009-2010).
- Chairperson. Technical committee. Workshop on drug control management June, 2-3, 2010, Zawia city, Libya.
- Member. Standardization, evaluation and follow-up committee for the new academic vision for the pharmaceutical students
- Head, Quality and Practical Assessment department, faculty of Pharmacy, Tripoli University, May 2015-June 2016
- Head, Postgraduate Studies and Training Office, faculty of Nursing, Tripoli University, October 2016-May 2018.
- Head of Staff Members Affairs Office, Faculty of Nursing, University of Tripoli, May 2018 till now.

XV. HEALTH MINISTRY REPRESENTATIVE

- I acted as an external inspector for different medical companies which importing pharmaceutical products to Libya during the years 2009 till now
- I acted as an internal inspector (EL-Methaq group) for different medical companies during the years 2007, 2008, 2009 and 2010.

XVI. LIST OF PUBLICATIONS

1. **Y. A. Taher**, A. H. Hussin (1998): *In-vitro* effect of a herbal product on aminopyrine metabolism in rat hepatocytes. *FITOTERAPIA*, **LXIX (3)**: 265-268.
2. Abas Hj Hussin, Adilah Mohamed Ariff, Masitah Husin and **Yousef Taher** (1999): Influence of *Petai* (*Parkia speciosa*, Hassk) on drug metabolism in rat liver. *Journal of Biosciences*, **10 (2)**: 7 – 12.
3. **Yousef A. Taher** (1998): Study on Traditional Medicine-Modern Drugs Interaction and its Molecular Mechanism Elucidation in Rat Liver. **Master Thesis**. Department of Pharmacology, School of Pharmaceutical Sciences, Universiti Sains Malaysia, Penang, Malaysia.
4. **Yousef Almadane Taher** and Abas Hj. Hussin (1997): Influence of diabetes and hypertension on local herbal preparation-aminopyrine interaction in rat hepatocytes. Proceeding of the 16th Asian Congress of Pharmaceutical Sciences, 433-440.
5. **Yousef A. Taher** (2002): The yellow fever. *Saidalah*, **16**; 16 – 17.
6. **Yousef A. Taher** (2007): Allergen specific immunotherapy: The future cure for allergic asthma, mechanisms and improvement in a mouse model. **Ph.D. thesis**. ISBN: 978-90-393-4651-8. Department of Pharmacology and Pathophysiology, Utrecht University, Utrecht; and Laboratory of Allergology and Pulmonary diseases, University Medical Center Groningen, Groningen University, Groningen, The Netherlands.
7. **Yousef A. Taher**, Benoit J. A. Piavaux, Renee Gras, Betty C.A.M. van Esch, Gerard A. Hofman, Nanne Bloksma, Paul A.J. Henricks and Antoon J.M. van Oosterhout (2008): Indoleamine 2, 3-dioxygenase-dependent tryptophan metabolites contribute to tolerance induction during allergen immunotherapy in a mouse model. *J. Allergy Clin Immunol*, **121**: 983 – 991 (**Pubmed**)
8. **Yousef A. Taher**, Betty C.A.M. van Esch, Gerard A. Hofman, Paul A.J. Henricks and Antoon J.M. van Oosterhout (2008): 1 α , 25-dihydroxyvitamin D₃ potentiates the beneficial effects of allergen immunotherapy in a mouse model of allergic asthma: Role for IL-10 and TGF- β . *The Journal of Immunology*, **180**: 5211 – 5221 (**Pubmed**)
9. **Yousef Almadane Taher** and Abas Hj. Hussin: Influence of diabetes and hypertension on local herbal preparation-aminopyrine interaction in rat hepatocytes. Asian Journal of Pharmacy. abstract, p. 41, (1996)
10. Abas Hj. Hussin and **Yousef A. Taher**: Traditional herbal preparation-modern drug interaction: *In-vitro* and *in-vivo* drug metabolism studies. In: Abstracts of papers of the Forest Research Institute of Malaysia (FRIM) and Natural Products Society of Malaysia, abstract, p. 27, (1997).
11. H. H. Abas, M. A. Adilah, H. Masitah and **Y. A. Taher**: Fresh aqueous extract of *Petai* (*Parkia speciosa*, Hassk) increased the metabolism of aminopyrine in rat liver hepatocytes. In: Abstracts of papers of the 13th Scientific Meeting of the Malaysian Society of Pharmacology and Physiology in conjunction with IXth Southeast Asian Drug Metabolism workshop. abstract, Pw-5, (1998).
12. **Taher Y. M.**, Ezidin Z. A. and Hussin A. H: Preliminary investigation on the anti-inflammatory and analgesic activity of *Mentha peperita* leaves in mice. In: Abstracts of papers of the African Conference on Medicinal Plants Research. abstract, p. 9, (2000).

13. **Yousef A. Taher** and Abas Hj Hussin: Effects of one day *P.O.* treatment of a herbal product on drug metabolism in rat liver hepatocytes. In: Abstracts of papers of the 5th Libyan Congress of Medical Sciences. abstract, p. 57, (2001).
14. **Y. A. Taher**: Problems concerning drug use for special people: The pregnant women; the newborn child; the lactating mother and the elderly person. In: Abstracts of papers of the 4th National Conference on Pharmaceutical Science. abstract, p. 33, (2003).
15. **Y. A. Taher**, E. C. A. Van Esch, G. A. Hofman, A. J. M. Van Oosterhout: The role of indoleamine 2, 3 dioxygenase in a mouse model of specific allergen immunotherapy. In: Abstracts of papers of the XXIII EAACI Congress. abstract, p. 149, (2004).
16. **Y. A. Taher**, E. C. A. Van Esch, G. A. Hofman, P. A. J. Henricks, A. J. M. Van Oosterhout: 1 α , 25-dihydroxyvitamin D₃ potentiates beneficial effects of allergen immunotherapy in a mouse asthma model. In: Abstracts of papers of the 100th Anniversary American Thoracic Society (ATS) International Conference. abstract, p. A535, (2005).
17. **Y. A. Taher**, E. C. A. Van Esch, G. A. Hofman, N. Bloksma, P. A. J. Henricks, A. J. M. Van Oosterhout: Role of indoleamine 2, 3 dioxygenase (IDO) specific allergen immunotherapy in a mouse model of asthma. In: Abstracts of papers of the 7th Dutch Medicines Days (FIGON 7^e Geneesmiddeldagen) Congress. abstract, p. 87 and 105, (2005).
18. **Y. A. Taher**, E.C.A.M. Van Esch, G.A. Hofman, P.A.J. Henricks, A.J.M. Van Oosterhout: 1 α , 25-dihydroxyvitamin D₃ potentiates beneficial effects of allergen immunotherapy in a mouse asthma model. In: Abstracts of papers of the Dutch Society for Immunology (NVVI) Annual meeting. abstract, p. 304, (2005).
19. **Y. A. Taher**, E.C.A.M. Van Esch, G.A. Hofman, N. Bloksma, P.A.J. Henricks, A.J.M. Van Oosterhout: A crucial role for indoleamine 2,3-dioxygenase in tolerance induction during specific allergen immunotherapy in a murine model of allergic asthma. In: Abstracts of papers of the Dutch Society for Immunology (NVVI) Annual meeting. abstract, p. 305, (2005).
20. **Y. A. Taher**, E.C.A.M. Van Esch, G.A. Hofman, N. Bloksma, P.A.J. Henricks, A.J.M. Van Oosterhout: IDO and downstream tryptophan metabolites mediate tolerance induction by allergen immunotherapy in a mouse model of allergic asthma. In: Abstract book of the Keystone Symposia, Allergy, Allergic Inflammation and Asthma. abstract, p. 71 (2006).
21. **Y. A. Taher**, E.C.A.M. Van Esch, G.A. Hofman, P.A.J. Henricks, A.J.M. Van Oosterhout: Allergen immunotherapy is potentiated by 1 α , 25-dihydroxy-vitamin D₃ in a mouse asthma model: role for IL-10 and TGF- β . In: Abstract book of the Keystone Symposia, Allergy, Allergic Inflammation and Asthma. abstract, p. 74, (2006).
22. **Yousef A. Taher**, Paul A.J. Henricks and Antoon J.M. van Oosterhout: The immunoregulatory cytokines IL-10 and TGF- β mediate the beneficial effects of combined allergen immunotherapy with 1 α , 25-dihydroxyvitamin D₃ in a mouse model of allergic asthma. In: Abstract book of the 11th Scientific Congress of the Association of the Colleges of Pharmacy in the Arab World. abstract, p. 26-27, (2007)
23. Awatef M. Samud and **Yousef A. Taher** (2007): Anti-inflammatory activity of *Crinum asiaticum* plant and its effect on bradykinin-induced contractions on isolated uterus. In:

- Abstract book of the 11th Scientific Congress of the Association of the Colleges of Pharmacy in the Arab World. abstract, p. 52-53, (2007)
24. **Yousef A. Taher**, Paul A.J. Henricks, Antoon J.M. van Oosterhout (2007): Role for tryptophan metabolites generated via indoleamine 2,3-dioxygenase in tolerance induction by allergen immunotherapy in a mouse model of allergic asthma. In: Abstract book of the 11th Scientific Congress of the Association of the Colleges of Pharmacy in the Arab World. abstract, p. 53-54, (2007)
 25. **Yousef A. Taher**, Hajir M. ben Emhemed and Ahmed M. Tawati (2009): The menopausal experience of Libyan women living in Libya. In: Abstract book of the sixth Jamahiriya medical sciences conference. abstract, p. 36 - 37, (2009).
 26. **Yousef A. Taher** and Abas Hj Hussin (2009): Induction of diabetes by streptozotocin in spontaneously hypertensive rats. In: Abstract book of the sixth Jamahiriya medical sciences conference. abstract, p. 144, (2009).
 27. **Yousef A. Taher** (2009): Analgesic, antipyretic and anti-inflammatory properties of clove oil. In: Abstract book of the sixth Jamahiriya medical sciences conference. abstract, p. 15, (2009).
 28. Soheila, S., **Taher, Y.**, Maazi, H., Gras, R., van Esch, B., Hofman, G., Henricks, P., Nawijn, M., van Oosterhout, A. (2008): Allergen-specific immunotherapy is independent of B cell functions in a mouse model of allergic asthma. *Allergy* 63, Suppl. 88, Page 199.
 29. H. Maazi, S. Shirinbak, **Y.A. Taher**, M.C. Nawijn, A.J.M. van Oosterhout (2010): Activation of the Non-canonical Nf-kb Pathway by CTLA4-Ig Potentiates the Beneficial Effects of Specific Immunotherapy in a Mouse Model of Allergic Asthma. *The Journal of Allergy and Clinical Immunology*. (Vol. 125, Issue 2, Supplement 1, Page AB132)
 30. **Yousef A. Taher**, Paul A.J. Henricks and Antoon J.M. van Oosterhout (2010): Allergen-specific subcutaneous immunotherapy in allergic asthma: immunologic mechanisms and improvement. *Libyan J Med* 2010, **5**: 5303. (**Pubmed**)
 31. Soheila Shirinbak, **Yousef A. Taher**, Hadi Maazi, Rene'e Gras, Betty C. A. M. van Esch, Paul A. J. Henricks, Janneke N. Samsom, J. Sjef Verbeek, Bart N. Lambrecht, Antoon J. M. van Oosterhout, and Martijn C. Nawijn. (2010): Suppression of Th2-driven airway inflammation by allergen immunotherapy is independent of B cell and Ig responses in mice, *The Journal of Immunology*, 2010185: 3857–3865. (**Pubmed**)
 32. **Yousef A. Taher** and Abas Hj Hussin (2011): In vivo effects of Faizol Ubat Batuk, a herbal product on aminopyrine metabolism in rat hepatocytes. *Libyan J Med*, **6**: 5439 (**Pubmed**)
 33. **Yousef A. Taher** (2012): Antinociceptive activity of Mentha piperita leaf aqueous extract in mice. *Libyan J Med* 2012, **7**: 16205. (**Pubmed**)
 34. **Yousef A. Taher**, Awatef M. Samud, Aya H. Ratimy, Areeje M. Seabe (2012): Sleep complaints and daytime sleepiness among pharmaceutical students in Tripoli. *Libyan J Med* 2012, **7**: 18930. (**Pubmed**)
 35. **Y. A. Taher**, H. M. ben Emhemed, A. M. Tawati (2013): Menopausal age, related factors and climacteric symptoms in Libyan women. *Climacteric* 2013;16:179–184. (**Pubmed**)

36. Awatef M. Samud, **Yousef A. Taher** and Mariyam A. Ahmed (2013): Antinociceptive activity of the methanol extract of *Balanites Aegyptiaca* (aerial part) in experimental animal models. *Tripolitana Medical Journal*, 2 (2): 39-43
37. **Yousef A. Taher**, Awatef M. Samud, Eman A. Al-Ghani, Eman D. Enemni (2014): Barriers for detection of breast cancer in Libyan women in Tripoli. *Libyan J. Med. Res.*, 8(1):126-136
38. **Yousef A. Taher**, Awatef M. Samud, Fathy E. El-Taher, Ghazala ben-Hussin, Jamal S. Elmezogi, Badryia F. Al-Mehdawi and Hanan A. Salem (2015). Experimental evaluation of anti-inflammatory, antinociceptive and antipyretic activities of clove oil in mice. *Libyan J Med* 2015, **10**: 28685. (**Pubmed**)
39. **Yousef A. Taher**, Awatef M. Samud, Massara M. Hashemi, Nyruz F. Kabuoli (2016). Prevalence of depression, anxiety and stress among Libyan primary and secondary schoolteachers: A cross-sectional study. *Jordan Journal of Pharmaceutical Sciences*, 9(2), 129-139.
40. **Yousef A. Taher**, Amel M. Hamza, Awatef M. Samud, Jamal S. Elmezogi (2016). CNS depressant activity of Chamomile methanol extract in mice. *Pakistan Journal of Pharmaceutical research*, 2(2): 98-102.
41. Ghazalla Behusein, Samia Difallah, Salma Abumeis, **Yousef Taher**, Adel Abushofa, Jamal Elmezogi (2016). Use of vitamin and mineral supplements among University of Tripoli students. *Asian Academic Research Journal of Multidisciplinary*, 3(9): 258-273.
42. Ghazalla Benhusein, Elaine Mutch, Jamal Elmezogi, **Yousef Taher**, Adel Abushofa, Faith Williams (2016). A comparative study of susceptibility of HepG2 and HaCat cells to DNA damage. *World Journal of Research and Review*, 3(2): 59-62.
43. **Taher YA**, Samud AM, Benhusein GM (2016). Knowledge towards breast cancer among Libyan women in Tripoli. *Libyan International Medical University Journal*, 1: 58-68.
44. **Yousef A. Taher**, Fathi M. Sherif (2017). Prevalence of associated risk factors of hypertension in Libyan Patients. *J of Pharmacol and Clin Res* 4(1): JPCR.MS.ID. 555629.
45. Jamal Mezogi, Hafsat Shittu, RuAngelie Edrada-Ebel, Veronique Seidel, Alexander Gray, **Yousef A. Taher**, Ghazalla Benhusein (2017): Novel anti-inflammatory compound from *Prosopis africana*. *PhytoChem & BioSub Journal*. 11(3): 177-185
46. **Yousef A. Taher**, Fatma M. Rabie, Souad Y. Fruja, Awatef M. Samud, Fathy E El-Taher, and Fathi M. Sherif1 (2018): Potentiation of the Antidepressant Effects of Fluoxetine by Administration of Aspirin in a Mouse Model. *Res Med Eng Sci*. 3(2): 1-6
47. **Yousef A. Taher**, Sawsan F. Faraj, Awatef M. Samud, Fathy E. El- Taher, Fathi M. Sherif. (2018): Pharmacovigilance for pediatric outpatient prescriptions in Tripoli Children Hospital. *Libyan J Med Sci* 2018;2:62-67.
48. **Yousef A. Taher**, Mufida A. Al- Gamati, Awatef M. Samud, Fathy E. El- Taher (2018): Knowledge and attitudes toward epilepsy among Libyan parents resident in Tripoli. *Libyan J Med Sci* 2018;2:102-107.
49. Walid Tarsin, Hanin Abdulgader, Esra Eshmandi, Ishraq Elshamli1, **Yousef A. Taher** (2019): Regular use or on demand of inhaled corticosteroids for the management of asthma among Libyan patients in Tripoli. *Libyan J Med Sci* 2019;3:47-50

50. **Yousef A. Taher**, Awatef M. Samud, Hana I. Kinder, Hana M. Algrew, Hana M. Al-Shawish, Abdulbasit Al-Shebly, Muftah A. Shushni, Mabrouka El-Ashheb (2020): Antidepressant-like effect of ethanol extract of *Salvia fruticosa* leaves (*Labiatae*) in a mouse model of depression; Role for 5-HT₂ receptors. Pakistan Journal of Pharmaceutical research, 4(2): 60-72.
51. **Yousef A. Taher**, Awatef M. Samud, Hana I. Kinder, Hana M. Algrew, Hana M. Al-Shawish, Abdulbasit Al-Shebly, Muftah A. Shushni, Mabrouka El-Ashheb (2020): Antidepressant-like effect of ethanol extract of *Salvia fruticosa* leaves (*Labiatae*) in a mouse model of depression; Role for 5-HT₂ receptors. Pakistan Journal of Pharmaceutical research, 4(2): 60-72.
52. **Yousef A Taher**, Awatef M Samud, Abas Hj Hussin (2020): In vitro effects of Air Jamu Pak Tani, a herbal product on aminopyrine hepatic phase I n-demethylase activity in spontaneous hypertensive rats: the mechanism involved. Journal of Complementary Medicine Research. 03 July 2020 (in press).
53. **Yousef A. Taher**, Enass Ben Fadel, Marwa Abosag, Awatef M. Samud (2020): Knowledge, attitude and practices regarding cervical cancer and screening among Libyan female healthcare professionals in Tripoli... Libyan J Med Sci (Submitted 06 March 2020).

XVII. INTERNATIONAL CONFERENCES PRESENTATION (*ORAL & POSTER)

1. **Yousef Almadane Taher** and Abas Hj. Hussin (1996): Influence of diabetes and hypertension on local herbal preparation-aminopyrine interaction in rat hepatocytes. In: 16th Asian congress of Pharmaceutical Sciences, Federation of Asian Pharmaceutical Associations (FAPA), November 17-21, **poster**, Kuala Lumpur, Malaysia.
2. * Abas H Hussin, M. A. Adilah, H. Masitah and **Y. A. Taher** (1998): Fresh aqueous extract of *Petai* (*Parkia speciosa*, Hassk) increased the metabolism of aminopyrine in rat liver hepatocytes. In: 13th Scientific Meeting of the Malaysian Society of Pharmacology and Physiology in conjunction with IXth Southeast Asian Drug Metabolism workshop. April 13-15, University of Malaya, Kuala Lumpur, Malaysia.
3. * Abas Hj Hussin and **Yousef A. Taher** (1997): Traditional herbal preparation-modern drug interaction: *In-vitro* and *in-vivo* drug metabolism studies. In: 13th natural products seminar: integrated research towards the development of natural products. August 5-6, Kuala Lumpur, Malaysia.
4. **Yousef A. Taher** and Abas Hj. Hussin (1997): *In-vitro* effect of a herbal product on aminopyrine metabolism in rat hepatocytes. In: 12th Scientific Meeting of the Malaysian Society of Pharmacology and Physiology, June 2-3, **poster**, Kuala Lumpur, Malaysia.
5. **Yousef A. T.** and Awatef M. Samud (1999): Studies on the anti-inflammatory activity of *Crinum asiaticum* plant on acute paw oedema and the mechanism involved. In: 1st Annual Symposium for Medicinal Plant Research, April 28th-30th, **poster**, Tripoli-Libya.
6. * **Taher Y. M.**, Ezidin Z. A. and Abas Hj Hussin (2000): Preliminary investigation on the anti-inflammatory and analgesic activity of *Mentha peperita* leaves in mice. In: African Conference on Medicinal Plants Research. October 21-23, Tripoli, Libya.
7. * **Yousef A. Taher** and Abas Hj Hussin (2001): Effects of one day *P.O.* treatment of a herbal product on drug metabolism in rat liver hepatocytes. In: 5th Libyan Congress of Medical Sciences. November 9-12, Zawia, Libya.
8. **Y. A. Taher** (2003): Problems concerning drug use for special people: The Pregnant women; the newborn child; the lactating mother and the elderly person. In: the 4th National Conference on Pharmaceutical Science. April 18 – 20. **poster**, Tripoli-Libya.
9. **Y. A. Taher**, E. C. A. Van Esch, G. A. Hofman, A. J. M. Van Oosterhout (2004): The role of indoleamine 2, 3 dioxygenase in a mouse model of specific allergen immunotherapy. In the XXIII EAACI Congress. June 12 -16. **poster**, Amsterdam-The Netherlands.
10. **Y. A. Taher**, E. C. A. Van Esch, G. A. Hofman, P. A. J. Henricks, A. J. M. Van Oosterhout (2005): 1 α , 25-dihydroxyvitamin D₃ potentiates beneficial effects of allergen immunotherapy in a mouse asthma model. In: the 100th Anniversary American Thoracic Society (ATS) International Conference. May 20-25, **poster**, San Diego, California, USA.
11. * **Y. A. Taher**, E. C. A. Van Esch, G. A. Hofman, N. Bloksma, P. A. J. Henricks, A. J. M. Van Oosterhout (2005): Role of indoleamine 2,3 dioxygenase (IDO) specific allergen immunotherapy in a mouse model of asthma. In: the 7th Dutch Medicines Days (FIGON 7^e Geneesmiddeldagen) Congress. October 4-5. Lunteren-The Netherlands.
12. **Y. A. Taher**, E. C. A. Van Esch, G. A. Hofman, N. Bloksma, P. A. J. Henricks, A. J. M. Van Oosterhout (2005): Role of indoleamine 2,3 dioxygenase (IDO) specific allergen

- immunotherapy in a mouse model of asthma. In: the 7th Dutch Medicines Days (FIGON 7^e Geneesmiddeldagen) Congress. October 4-5. **poster**, Lunteren-The Netherlands.
13. ***Y. A. Taher**, E.C.A.M. Van Esch, G.A. Hofman, P.A.J. Henricks, A.J.M. Van Oosterhout (2005): 1 α , 25-dihydroxyvitamin D₃ potentiates beneficial effects of allergen immunotherapy in a mouse asthma model. In: the Dutch Society for Immunology (NVVI) Annual meeting. December 8-9. Noordwijkerhout-The Netherlands.
 14. **Y. A. Taher**, E.C.A.M. Van Esch, G.A. Hofman, N. Bloksma, P.A.J. Henricks, A.J.M. Van Oosterhout (2005): A crucial role for indoleamine 2,3-dioxygenase in tolerance induction during specific allergen immunotherapy in a murine model of allergic asthma. In: the Dutch Society for Immunology (NVVI) Annual meeting. December 8-9. **poster**, Noordwijkerhout-The Netherlands.
 15. **Y. A. Taher**, E.C.A.M. Van Esch, G.A. Hofman, N. Bloksma, P.A.J. Henricks, A.J.M. Van Oosterhout (2006): IDO and downstream tryptophan metabolites mediate tolerance induction by allergen immunotherapy in a mouse model of allergic asthma. In: the Keystone Symposia, Allergy, Allergic Inflammation and Asthma. April 6–11, **poster**, Breckenridge, Colorado, USA.
 16. **Y. A. Taher**, E.C.A.M. Van Esch, G.A. Hofman, P.A.J. Henricks, A.J.M. Van Oosterhout (2006): Allergen immunotherapy is potentiated by 1 α , 25-dihydroxy-vitamin D₃ in a mouse asthma model: role for IL-10 and TGF- β . In: the Keystone Symposia, Allergy, Allergic Inflammation and Asthma. April 6–11, **poster**, Breckenridge, Colorado, USA.
 17. Van Oosterhout, Antoon; **Taher, Yousef**; Henricks, Paul (2006): IDO and downstream tryptophan metabolites mediate tolerance induction by allergen immunotherapy in a mouse model of asthma. In the XXV EAACI Congress. June 10 -14. **poster**, Vienna-Austria.
 18. ***Yousef A. Taher**, Paul A.J. Henricks and Antoon J.M. van Oosterhout (2007): The immunoregulatory cytokines IL-10 and TGF- β mediate the beneficial effects of combined allergen immunotherapy with 1 α , 25-dihydroxyvitamin D₃ in a mouse model of allergic asthma. In: the 11th Scientific Congress of the Association of the Colleges of Pharmacy in the Arab World. December 7 – 9, Tripoli, Libya.
 19. Awatef M. Samud and **Yousef A. Taher** (2007): Anti-inflammatory activity of *Crinum asiaticum* plant and its effect on bradykinin-induced contractions on isolated uterus. In: the 11th Scientific Congress of the Association of the Colleges of Pharmacy in the Arab World. December 7–9, **poster**, Tripoli, Libya.
 20. **Yousef A. Taher**, Paul A.J. Henricks, Antoon J.M. van Oosterhout (2007): Role for tryptophan metabolites generated via indoleamine 2,3-dioxygenase in tolerance induction by allergen immunotherapy in a mouse model of allergic asthma. In: the 11th Scientific Congress of the Association of the Colleges of Pharmacy in the Arab World. December 7–9, **poster**, Tripoli, Libya.
 21. Soheila Shirinbak, **Taher Yousef**, Maazi Hadi, Gras Renee, van Esch Betty, Hofman Gerard, Henricks Paul, Nawijn Martijn, van Oosterhout Antoon (2008): Allergen-specific immunotherapy is independent of B cell functions in a mouse model of allergic asthma. In the XXVII EAACI Congress. June 07 -11. **poster**, Barcelona, Spain.
 22. ***Yousef A. Taher**, Hajir M. ben Emhemed and Ahmed M. Tawati (2009): The menopausal experience of Libyan women living in Libya. In: The sixth Jamahiriya medical sciences conference. March 19 – 22, Al-Zawia city, Libya.

23. **Yousef A. Taher** and Abas Hj Hussin (2009): Induction of diabetes by streptozotocin in spontaneously hypertensive rats. In: the sixth Jamahiriya medical sciences conference. March 19 – 22, **poster**, Al-Zawia city, Libya.
24. **Yousef A. Taher**, Awatef M. Samud, Badryia F. Al-Mehdawi, Hanan A. Salem (2013): Antinociceptive, Antipyretic and Anti-Inflammatory Activities of Clove Oil in Mice. In: 2013 International Symposium on Biological Engineering and Natural Sciences (ISBENS). July 26-28, 2013 in Bangkok, Thailand. **Poster**
25. Taher Y, **Samud A**, Kinder H, Algrew H, Al-Shawish H, El-Taher F. (2017): Antidepressant activity of *Salvia fruticosa* leaf ethanol extract in a mouse model. 1st Libyan Medical Sciences Conference. March, 2, 2017 in Tripoli, Libya. S08. **Oral**
26. **Yousef A. Taher** (2017): Writing Scientific Research Paper, Writing clearly and concisely. December 2nd, 2017, Tripoli, Libya.
27. **Awatef M. Samud**, Samia Mohammed, Hala Mohammed, Haneen Salah, Fathy El-Taher, and Yousef A. Taher (2018): A comparative study among risk factors involved in pre and postmenopausal breast cancer women in west region of Libya. 2st Libyan Medical Sciences Conference. April, 28, 2018 in Tripoli, Libya. ID 26. **Oral**
28. Fauzia Aldabaa, Ghazalla Benhusein, Salah Elhatomy, Ebtesam Abusamaha, **Yousef Taher** and Jamal Mezogi (2018): Preliminary, phytochemical and bioactive studies of sea grass, *Posidonia Oceanica*. Libyan Pharmaceutical Conference (LPC). April, 01, 2018 in Tripoli, Libya. P16. **Poster**.
29. **Yousef A. Taher** (2019): The concept of stress, types and its management. The 3rd Libyan Conference Medical and Pharmaceutical Sciences. April, 20, 2019 in Tripoli, Libya. **Oral**

XVIII. REFERENCES

1. Prof. Dr. Antoon J.M. van Oosterhout. Laboratory of Allergology and Pulmonary diseases, University Medical Center Groningen, Groningen University, Groningen, Netherlands
2. Associate Prof. Dr. Paul A.J. Henricks. Department of Pharmacology and Pathophysiology, Utrecht University, Utrecht, Netherlands.