

CURRICULUM VITAE

Dr. Mohammed Matar Al-Harbi

Department of

Pharmacology & TOXICOLOGY

COLLEGE OF PHARMACY

KING SAUD UNIVERSITY

RIYADH SAUDI ARABIA

Mohammed Matar Z. Alharbi, Ph.D

Professor of pharmacology & Toxicology

Address : Pharmacology and Toxicology Department
College of Pharmacy
King Saud University
P.O. Box 2457, Riyadh 11451
Saudi Arabia.

Tel: +966-1-4677189 , +966-1-4677176

Fax: +966-1-4677200

Mobile: +966505203649

E-mail: mmzharbi@ksu.edu.sa

Website: <http://faculty.ksu.edu.sa/1844>

Marital Status: Married

Date of Birth: 1/7/1373H

I- Education

1987 : Ph.D. in the area of Pharmacology and Toxicology

The effect of Cholinergic Modifications on Response of
Neuroendocrine parameters to stress.

**Purdue University, Department of Pharmacology and Toxicology
W. Lafayette, Indiana, USA**

1983 : M.Sc. in the area of Pharmacology and Toxicology

Evaluation of subchronic treatment with insulin suppressing agents
in normal and obese rats.

**Purdue University, Department of Pharmacology and Toxicology
W. Lafayette, Indiana, USA**

1978 : B.Sc. in Pharmaceutical Sciences

**College of Pharmacy
King Saud University
Riyadh, Saudi Arabia**

II- Academic and employment history

1998 **Professor at Pharmacology and Toxicology Department**
College of Pharmacy, King Saud University.

1993-1998 **Associate professor at Pharmacology and Toxicology Department**
College of Pharmacy, King Saud University.

1987 - 1993 **Assisatnt professor at Pharmacology and Toxicology**
Department
College of Pharmacy, King Saud University

1978-1979 **Demonstrator at Pharmacology and Toxicology Department**
College of Pharmacy, King Saud University.

III- Administrative Assignments

2007- Present **Chairman of pharmacology and Toxicology**
Department

1992 - 1996 **Board Secretary, Department of Pharmacology and Toxicology**
College of Pharmacy, King Saud University, Riyadh
Saudi Arabia

1992 - 1997 **Director of Experimental Animal Care Center**
College of Pharmacy, King Saud University, Riyadh
Saudi Arabia

1989 - 1992 **Director of Biological Laboratory Unit**
Of the Research Center
College of Pharmacy, King Saud University, Riyadh
Saudi Arabia

IV- Scholarships Awards:

1979-1987 Scholarship from King Saud University for M.Sc. and Ph.D.
 1993 Fulbright Award
 1997 in Who's Who in the world "14th edition"

V- Experience

A. Research Experience:

- 1) supervisor assistant of master Thesis in Pharmacology
 Title of Theses:
 Pharmacological Evaluation of newly synthesized propranolol analogues. 1988
 Pharmacological effects of *Nigella sativa* Linneaus seeds, black seed or haba sawda. 1989
- 2) Supervisor assistant of master thesis in Pharmacology
 Title of Thesis:
 Investigation the prevalence of the CYP11B2 gene polymorphism in Saudi hypertensive patients. 2009
- 3) Invited Researcher at National cancer Institute,
 Fredrick Maryland, USA, 1993
- 4) Main research experience in the molecular pharmacology and toxicology of anti-cancer agents, cell cultures and teratogenicity of angiotensin converting enzyme inhibitors.

B. Teaching Experience:

Teaching Pharmacology and Toxicology courses for graduate and undergraduate student in college of Pharmacy and dental school. The courses covers the

cardiovascular drugs, chemotherapy, management of drugs toxicities, agents and drugs used for oral and dental diseases and drugs used in psychiatric diseases.

C. Pharmaceutical Experience:

Evaluating files of new pharmaceutical preparation for registration in the Ministry of Health, Saudi Arabia

Familiar with FDA requirements for drug registration & GMP including stability and bioequivalency requirements

Inspecting several pharmaceutical industries in USA, Japan, Europe and middle east.

VI- Committees

1-Member in the committee for dean selection at King Saud University, 2012-present

2-Representative of ministry of higher education at Bureau of Experts at the Council of Ministers to evaluate the adverse effects of energy drinks, 2013

3- Member in the committee to evaluate anti-addiction agent at National Committee of Narcotic Control, Riyadh, 2013

4- Academic advisor for undergraduate students, College of Pharmacy, King Saud University 1991-1994

5 Member of committee for reviewing mathematics course for pharmacy students 1992\1993

6- Member of committee for interviewing new applicants to Pharmacy College, King Saud University 1992/1993

7- Member of committee for interviewing new students applying for health science Colleges , King Saud University 1992/1993

8- Member in the committee to study the project for designing animal care center (2013)

9- Member in the committee of medico-legal of ministry of health ,eastern province, 2009-till now.

10- Member of committee for interviewing new teaching assistants, College of Pharmacy , King Saud University 2007-till now

11- Member of committee for the welfare of teaching assistants and distinctive students, College of Pharmacy, King Saud University 1989-1991

12- Coordinator of social and cultural activities, College of Pharmacy, King Saud University 1991-1993, 1996/1997

13- Member of committee for curriculum planning, College of Pharmacy , King Saud University 1993/1994

14- Member of committee responsible for reviewing environmental toxicology course for non-pharmacist students 1990

15- Member of committee for reviewing master courses of pharmacology and toxicology programs 1990

16- Coordinator for drug abuse symposium 1989

17- Member of committee for organization and monitoring final examinations, College of Pharmacy , King Saud University 1987/1988

12- Member of committee for establishing text book for undergraduate pharmacy courses 1988/1989

18- Member of committee for chemicals and instruments, department of pharmacology, College of Pharmacy, King Saud University 1991-1992

19- Member of committee for reviewing and updating drugs directory for Ministry of Health 1997

20- Member of preparative committee for drug registration, Ministry of Health, Saudi Arabia 1996-till now

21- Member of committee for reviewing educational and graduate programs 1997

22- Member of committee for social and public relationship 1995-1996

23- Member of committee responsible for supervising pharmacy students' training programs 1997-1999

24-Member of College Council 1996- present
College of Pharmacy
King Saud University, Riyadh Saudi Arabia.

VII- Society member

- Member of Saudi Pharmaceutical Society 1990-till now
- Member of Saudi Pharmaceutical Society Board 1997-till now

VIII- Participation in conferences and symposia

A- Conferences

- Presenting paper in Neuroscience meeting, Dallas, Texas, USA 1985

B- Symposia

- Drugs POISONING and Management , Gasim, Saudi Arabia, 1989
- TV Symposium about Drugs used in Psychiatry

IX- Projects funded

- 1- Effects of desferal on the toxicity of doxorubicin (principle investigator, 1993)
- 2- Effect s of verapamil on the toxicity of doxorubicin (Research Center, College of Pharmacy, 1994)
- 3- Study of the influence of storage, transport and distribution under the climatic conditions of the Kingdom on the quality and stability of drug products (project no. AR-14-28) funded by KACKS (1994-1997).

X- University and community services

- | | |
|-----------------------------|---|
| 1- 1988 - 1994
2012-2013 | Academic Advisor for Undergraduate Students,
College of Pharmacy, King Saud University |
| 2- 1989 | Public Lecture at King Fahd specialist Hospital |

- 3- 2011-2013** **Public Lecture for first year students
at king Saud University
Title of lecture: Adverse effects of stimulants**
- 4- 1997** **Local TV channel program on psychiatric drugs**
- 5- 2011** **Local TV channel program in adverse effects of herbal medications**
- 6- 2012** **Local TV channel program in adverse effects of herbal medications**

XI- OTHER ACTIVITIES

- 1- Referee in national and international journals**
- 2- Editor in the Journal for health specialties**
- 3- Examiner of several master degrees in pharmacology and toxicology,
Department of Pharmacology and Toxicology,
College of Pharmacy, King Saud University.**

XII- Published Research

1. Modification of neuroendocrine responding to immobilization stress by cholinergic blockade
Mohammed M. Alharbi and Roger P. Maickel
Biochemical Archives 5: p 73-78, (1989)
2. Differential effects of central and peripheral cholinergic blockade on water consumption by rat.
Alharbi M.M. and Maickel R.P.
Pharmacol. Res. 22(1): p71-74 (1990)
3. The effect of maternal administration of captopril on fetal development in rat
Othman A. Al-Shabanah, **M.M. Al-Harbi**, Naji Mohammad A. AlGharably and Mohammed W. Islam (1991)
Research Communications in Chemical Pathology and Pharmacology 73(2): p 221-230, (1991)
4. **M.M. Alharbi**, M.S. Alsaied and M.M. Alazizi (1992)

Preliminary phytochemical and pharmacological studies on *Anisotes trisulcus*
Int. J. Pharmacognosy 30:(2) p 87-92, (1992)

5. M.M. Al-Harbi, Othman A. Al-shabanah, Naji M.A. Al-Gharably and M.W. Islam (1992)

The effect of maternal administration of enalapril on fetal development in the rat
Research Communications in Chemical Pathology and Pharmacology 77(3): p347-358, (1992)

6. M.M. Al-Harbi, Naji M. Al-Gharably, Othman A. Al-Shabanah, Adullah M. Al-Bekairi, Abdel Moneim M. Osman and Hassan N. Tawfik (1992)

Prevention of doxorubicin-induced myocardial and haematological toxicities in rats by the iron chelator desferrioxamine
Cancer Chemotherapy and Pharmacology 31: p 200-204, (1992)

7. H.A. Al-Sawaf, M.M. Al-Harbi, O.A. Al-Shabanah, N. AlGharably and M.W. Islam (1992)

Effects of some antibiotics and immunosuppressive drugs on peripheral blood lymphocyte superoxide dismutase activity
Medical Science Research 20: p 125-126, (1992)

8. O.A. Al-Shabanah, N.A. Al-Garably, M.W. Islam and M.M. Al-Harbi (1992)

Effect of cathinone, an active constituent of khat (*Catha edulis* Forsk) and amphetamine on experimental gastric ulcer and secretions
Medical Science Research 20: p 817-819, (1992)

9. M.M. Al-Azizi, M.M. El-Olemy and M.M. Al-Harbi (1992)

Pharmacological evaluation of natural product analogues. I. Preliminary pharmacological evaluation of O-Methylgortschakoine and O-Methylpetaline
Phytotherapy Research 6: p 221-223, (1992)

10. M.M. Al-Harbi (1993)

Effects of captopril on the cytological and biochemical changes induced by adriamycin
Food Chemical Toxicology 31(3): p 209-212, (1993)

11. M.M. Al-Harbi (1993)

Cytological effects of desferrioxamine in somatic cells of swiss albino mice
Pakistan J. Pharmacology 10(1) p 37-40, (1993)

12. M.M. Al-Harbi and Hassan A. Al-Kahtani

Chemical and biological evaluation of discarded frying palm oil from commercial restaurants

Food Chemistry 48: P 395-401, (1993)

13. Effect of desferrioxamine on hepatotoxicity of adriamycin in normal mice
Abdullah M. Al-Bekairi, Abdel-Moneim M. Osman, Mohamed A. Haffez,
Naji M. Al-Gharably, Othman A. Alshabanah and **Mohammed M. Al-Harbi**
Drug Development Research 29: p 56-62, (1993)

14. N.M. Al-Gharably, A.M. Osman, O.A. Al-Shabanah, A.M. Al-Bekairi
and **M.M. Al-Harbi**
Potentiation of doxorubicin cytotoxicity by calcium channel blocker
verapamil in Ehrlich Ascites Cells
Chemotherapy 39: p 410-415, (1993)

15. S. Qureshi, **M.M. Al-Harbi**, M.M. Ahmed, M. Raza, A.B. Giangreco,
A.H. Shah
Evaluation of the genotoxic, cytotoxic, and antitumor properties of
Commiphora molmol using normal and Ehrlich ascites carcinoma
cell-bearing Swiss albino mice
Cancer Chemotherapy and Pharmacology 33: p130-138 (1993)

16. Othman A. Al-Shabanah, M.W. Islam, N.M. Al-Gharably
and , **M.M. Al-Harbi**
Effect of khatamines and their enantiomers on aspirin, indomethacin,
phenylbutazone and reserpine induced gastric ulcer in rats.
Research Communications in Substance of Abuse 14: (1) p 81-94 (1993)

17. O.A. Al-Shabanah, N.M. Al-Gharably, M.W. Islam & **M.M. Al-Harbi**
Gastric anti-ulcer and cytoprotective effects of cathinone, a psychoactive
alkaloid of Khat (*Catha Edulis* Forsk), and amphetamine in rat
Regulatory Peptides proceeding of 24th, p s297 (1993)

18. Mohammed M. Al- Abdel-Moneim M. Osman , Othman A. Al-Shabanah
and **Mohammed M. Al-Harbi**
Effect of desferrioxamine on doxorubicin-induced cardio- and haemato-toxicity
in normal mice.
Medical Science Research 21: p 193-194 (1993)

19. Kamal E.H. El Tahir, Mohammad M.S. Ashour and **Mohammed M. Al-Harbi**
The respiratory effects of the volatile oil of the black seed (*Nigella sativa*)
in Guinea-Pigs: Elucidation of the mechanism(s) of action
Gen. Pharmacology 24(5): p1115-1122, (1993)

20. Kamal E.H. El Tahir, Mohammad M.S. Ashour

and **Mohammad M. Al-Harbi**

The cardiovascular actions of the volatile oil of the black seed (*Nigella sativa*) in rats: Elucidation of the mechanism of action
Gen. Pharmacology 24(5): p1123-1131, (1993)

21. S. Qureshi, **M.M. Al-Harbi**, M.M. Ahmed, M. Raza, M.U. Zubair and A.H. Shah
Evaluation of some cytological and biological effects of sorbinil in mice.
Medical Science Research 21: p 191-192 (1993)
22. O.A. Al-Shabanah, A.M. Osman, **M.M. Al-Harbi**, N.M. Al-Gharably and A.M. Al-Bekairi
Enhancement of doxorubicin-induced cytotoxicity by hyperthermia in Ehrlich Ascites Cells
Chemotherapy 40: p188-194, (1994)
23. **Mohammed M. Al-Harbi**, Shoeb Qureshi, Mohammed M. Ahmed, Muhammed Raza, Ghulam A. Miana and Arif H. Shah
Studies on the antiinflammatory, antipyretic and analgesic activities of santonin.
Japan. J. Pharmacology 64: p 135-139 (1994)
24. A.M.M. Osman, O.A. Al-Shabanah, **M.M. Al-Harbi**, A.M. Al-Bekairi, N.M. Al-Gharably and M.A. Soliman
Protective effect of desferrioxamine against Adriamycin-induced lethality and nephrotoxicity in mice
J. Biomed. Sci. Ther 10(7): p 97-112 (1994)
25. **M. M. Al-Harbi**, S. Qureshi, M.M. Ahmed, S. Rafatullah and A.H. Shah
Effect of *Commiphora molmol* oleo-gum-resin on the cytological and biochemical changes induced by cyclophosphamide in mice.
American Journal of Chinese Medicine XXII(1) p77-82 (1994)
26. M.W. Islam, O.A. Al-Shabanah, **M.M. Al-Harbi**, and N.M.A. Al-Gharably
Evaluation of teratogenic potential of Khat (*Catha Edulis* Forsk) in rats.
Drug and Chemical Toxicology 17(1): p 51-68 (1994)
27. **M.M. Al-Harbi**, S. Qureshi, M. Raza, and M.M. Ahmed
Effect of captopril on cyclosporine induced biochemical changes in rats
Medical Science Research 22: p341-343 (1994)
28. **Mohammed M. Al-Harbi**, Shoeb Qureshi, Muhammed Raza, Mohammad M. Ahmed, B. Giangreco and Arif H. Shah

Anticarcinogenic effect of *Commiphora molmol* on solid tumors induced by Ehrlich Carcinoma cells in mice.
Chemotherapy 40(5): p 337-347 (1994)

29. **Mohammad M. Al-Harbi**, Shoeb Qureshi, Muhammad Raza, Mohammad M. Ahmed, Mohammad Afzal, and Arif H. Shah (1994)
Evaluation of *Carlluma tuberculata* pretreatment for the protection of rat mucosa against toxic damage
Toxicology and Applied Pharmacology 128: p 1-8 (1994)
30. Othman A. Al-Shabanah, Abdel-Moneim M. Osman, **Mohamed M. Al-Harbi**, Abdullah M. Al-Bekairi, Naji M. Al-Gharably, Saif A. Aziz
Diltiazem potentiation of doxorubicin cytotoxicity and cellular uptake in Ehrlich Ascites carcinoma cells
Chemotherapy 41: p368-377 (1995)
31. **Mohammed M. Al-Harbi**, Soeb Qureshi, Mohammed M. Ahmed, Mohammad Raza, Ghulam A. Miana, Mohammad Afzal and Arif Shah
Inhibition of gastric mucosal damage by santolin pretreatment in rats
Drug Development Research 34: p 1-8 (1995)
32. **M.M. AL-Harbi**, M.W. Islam, O.A. Al-Shabanah and N. M. Al-Gharably
Effect of Acute Administration of Fish Oil (Omega-3 Marine Triglyceride) on Gastric
Ulceration and Secretion Induced by Various Ulcerogenic and Necrotizing Agents in Rats.
Food and Chemical Toxicology 33(7): p553-558 (1995)
33. **Al-Harbi M.M.**, Qureshi S., Raza M., Ahmed M.M., Giangracio A.B., Shah A.H.
Influence of Anethole treatment on the tumor induced by Ehrlich ascites carcinoma cells in paw of Swiss albino mice
Eur. J. Cancer Prev. 4(4): p .307-318 (1995)
34. **Mohammed M. Al-Harbi**, Abdel-Moneim M. Osman, Naji M. Al-Gharably, Abdullah M. Al-Bekairi, Othman A. Al-Shabanah, Dorrya M. Sabah, M. Raza
Effect of desferrioxamine on cisplatin-induced nephrotoxicity in normal rat
Chemotherapy 41: p448-454 (1995)
35. Othman A. Al-Shabanah, Abdel-Moneim M. Osman, **Mohammed M. Al-Harbi**, Naji M. Al-Garably, Abdullah M. Al-Bekairi

and Mohamoud M. El-Merzabani

Effect of hyperthermia on the action of methotrexate against the growth of Ehrlich Ascites carcinoma cells

Med. Sci. Res. 24: p275-277 (1996)

36. N.M. Al-Gharably, M.W. Islam, **M.M. Al-Harbi** and O.A. Al-Shabanah
Cathinone [(R)- α -Aminopropiophenone]: A Potent Anti-gastric ulcer agent
Res. Commun. Alcohol and Substance Abuse 17(3&4): p 165-183 (1996)
37. **M.M. Al-Harbi**
Influence of Desferrioxamine on Cytotoxic and biochemical changes induced by Doxorubicin in normal and Ehrlich ascites carcinoma cell bearing Swiss Albino Mice
Pakistan Journal of Pharmacology 14(2) p 31-40 (1997)
38. **M.M. Al-Harbi**, H.A. Al-Sawaf, O.A. Al-Shabanah, N.M. Al-Gharably and M.W. Islam
Gentamycin and cyclosporine increase total soluble thiols in plasma and lymphocytes of rats and perturb erythrocyte fragility
Med. Sci. Res. 25: p 155-157 (1997)
39. **M.M. Al-Harbi**, S. Qureshi, M. Raza, M.M. Ahmed, M. Afzal, A.H. Shah
Gastric antiulcer and cytoprotective effect of *Commiphora molmol* in rats
J. Ethnopharmacology 55: p 141-150 (1997)
40. **M.M. Al-Harbi**
Inhibitory effects of sorbinil on the clastogenic and biochemical changes induced by cyclophosphamide in mice
Med. Sci. Res. 25: p 485-487 (1997)
41. **M.M. Al-Harbi**
Effect of ACE Inhibitors on cisplatin-induced Nephrotoxicity in rats
Saudi Pharmaceutical Journal 5 (4): p 170-175 (1997)
42. O.A. Osama A. Badary, M.N. Mahmoud N. Nagi, H.A. Hussein Al-Sawaf, **M.M. Al-Harbi**, A.M. Abdullah M. Al-Bekairi
Effect of L-Histidinol on Cisplatin Nephrotoxicity in the Rat
Nephron 77: p 435-439 (1997)
43. Abdel-Moneim M. Osman, Sultan T. Al-Sudairy, Ingrid M.Moran-Verbeek, Othman A. Al-Shabanah, **Mohamed M. Al-Harbi**, Nadi M. Al-Gharably and

Abdullah M. Al-bekairi
 Verapamil enhancement of the antitumor effect of
 cis-diamminedichloroplatinum (II) in mice bearing
 Ehrlich ascites carcinoma cells
 Med. Sci. Res. 24: p 429-431 (1996)

44. S. Qureshi, O.A. Al-Shabanah, A.M. Al-Bekairi, **M.M. Al-Harbi**, N.M. Al-Gharably & M. Raza
 Studies on the cytotoxic, biochemical and anti-carcinogenic potentials of
 ninhydrin on Ehrlich ascites carcinoma cell-bearing Swiss albino mice
 Investigational New drugs 18: 221-230 (2000)

45. Antinociceptive activity of vigabatrin in mice
 Mohammed Raza, Othman A. Al-Shabanah, **Mohammed M. Al-Harbi**,
 Tarig M.H. El-Hadiyah, Shoeb Qureshi
 Saudi Pharmaceutical Journal 8 (4): p 164-174 (2000)

46. Boric acid enhances *in vitro* Ehrlich ascites carcinoma cell proliferation in
 Swiss albino mice
 S. Qureshi, O.A. Al-Shabanah, **M.M. Al-Harbi**, A.M. Al-Bekairi, M. Raza
 Toxicology 165: p1-11 (2001)

47. Protection of mouse bone marrow from etoposide-induced genomic damage by
 dexrazoxane
 Sabry M. Attia, Alaa A. Al-Anteet, Nouf M. Al-Rasheed, Abdulqader A. Alhaider ,
Mohammed M. Al-harbi
 Cancer Chemother. Pharmacol. 64(4): 837-845. (2009)

48. Doxorubicin toxicity can be ameliorated during antioxidant L-carnitine
 supplementation.
 Alshabanah OA, Hafez MM, **Al-Harbi MM**, Hassan ZK, Al Rejaie SS, Asiri YA,
 Sayed-Ahmed MM.
 Oxid Med Cell Longev. 3(6):428-33. (2010)

- 49- Salubrious effects of dexrazoxane against teniposide-induced DNA damage and
 programmed cell death in murine marrow cells.

Bakheet SA, Attia SM, Al-Rasheed NM, **Al-Harbi MM**, Ashour AE, Korashy HM, Abd-Allah AR, Saquib Q, Al-Khedhairi AA, Musarrat J.
Mutagenesis (2011)

50. Downregulation of Oxidative and Nitrosative Apoptotic Signaling by L-Carnitine in Ifosfamide-Induced Fanconi Syndrome Rat Model

Mohamed M. Sayed-Ahmed, Mohamed M. Hafez, Meshan Lafi Aldelemy, Abdulaziz M. Aleisa, Salem S. Al-Rejaie, Khaled A. Al-Hosaini, Naif O.

Al-Harbi, Mohamed M. and Othman A. Al-Shabanah

Oxidative Medicine and Cellular Longevity (2012)

Volume 2012, Article ID 696704, 9 pages

51. Desferrioxamine attenuates doxorubicin-induced acute cardiotoxicity through TFG- β /Smad p53 Pathway in rat model.

Al-Shabanah OA, Aleisa AM, Hafez MM, Al-Rejaie SS, Al-Yahya AA, Bakheet SA, **Al-Harbi MM**, Sayed-Ahmed MM

Oxidative Medicine and Cellular Longevity (2012)

Volume 2012, Article ID 619185, 7 pages

52. Inhibition of Gene Expression of Carnitine Palmitoyltransferase I and heart fatty acid binding protein in cyclophosphamide and ifosfamide-induced acute cardiotoxicity rat models

Mohamed M. Alsayed-Ahmed, Meshan L. Aldelemy, Othman A. Alshabanah, Mohamed M. Hafez, Khaled A. Alhosaini, Naif O. Alharbi, Shaker D. Alsharary,

Mohamed M. Alharbi.

Cardiovasc Toxicol. 2014 Sep;14(3):232-42. doi: 10.1007/s12012-014-9247-1

53. Glutathione modulation during sensitization as well as challenge phase regulates airway reactivity and inflammation in mouse model of allergic asthma

Ahmed Nadeem Nahid Siddiqui b. Naif O. Alharbi, **Mohammad M. Alharbi**, Faisal Imam, Mohamed M. Sayed-Ahmed

Biochimie 2014 Aug;103:61-70. doi: 10.1016/j.biochi.2014.04.001. Epub 2014 Apr 14.

54. Treatment with aliskiren ameliorates tacrolimus-induced nephrotoxicity in rats

Naif O. Al-Harbi, Faisal Imam, **Mohammed M. Alharbi**, Muzaffar Iqbal, Ahmed Nadeem, Othman A. Alshabanah, Hesham M. Korashy, Khalid A. Alhosaini, Mukhtar Ahmed and Saleh Bahashwan

Journal of the Renin-Angiotensin-Aldosterone System (2015), Vol. 16(4) 1329–1336

55. Olmesartan attenuates tacrolimus-induced biochemical

Olmesartan attenuates tacrolimus-induced biochemical and ultrastructural changes in rat kidney tissue.

Al-Harbi NO¹, Imam F¹, **Al-Harbi MM¹**, Iqbal M², Nadeem A¹, Sayed-Ahmed MM¹, Alabidy AD³, Almukhallafi AF⁴.

Biomed Res Int. 2014;2014:607246. doi: 10.1155/2014/607246. Epub 2014 May 28.

56. Histamine 4 receptor promotes expression of costimulatory B7.1/B7.2 molecules, CD28 signaling and cytokine production in stress-induced immune responses

Sheikh Fayaz Ahmad [a](#), [□](#), Khairy M.A. Zoheir [a,b](#), Mushtaq Ahmad Ansari [a](#), Ahmed Nadeema [a](#), Saleh A. Bakheet [a](#),

Ali R. Al-Hoshani [a](#), Othman A. Al-Shabanah [a](#), Mohammed M. Al-Harbi [a](#), SabryM. Attia [a](#)

Journal of Neuroimmunology 289 (2015) 30–42

57. Imiquimod-induced psoriasis-like skin inflammation is suppressed by BET bromodomain inhibitor in mice through RORC/IL-17A pathway modulation pathway modulation Ahmed Nadeema,* , Naif O. Al-Harbia, Mohamed M. Al-Harbia, Ahmed M. El-Sherbeenyb, Sheikh F. Ahmada, Nahid Siddiquic, Mushtaq A. Ansaria, Khairy M.A. Zoheira, Sabry M. Attiaa, Khaled A. Al-Hosainia, Shakir D. Al-Sharary

Pharmacological Research 99 (2015) 248–257

58. Inhibition of Gene Expression of Carnitine Palmitoyltransferase I and Heart Fatty Acid Binding Protein in Cyclophosphamide and Ifosfamide-Induced Acute Cardiotoxic Rat Models

Mohamed M. Sayed-Ahmed • Meshan L. Aldelemy •

Othman A. Al-Shabanah • Mohamed M. Hafez • Khaled A. Al-Hosaini •

Naif O. Al-Harbi • Shakir D. Al-Sharary • Mohamed M. Al-Harbi

Cardiovasc Toxicol (2014) 14:232–242

59. Oxidative airway inflammation leads to systemic and vascular oxidative stress in a murine model of allergic asthma

Naif O. Al-Harbi [a](#), A. Nadeema, [□](#) , Mohamed M. AlHarbi [a](#), F. Imama, Othman A. Al-Shabanah [a](#),

Sheikh F. Ahmad a, Mohamed M. Sayed-Ahmed a, Saleh A. Bahashwan
International Immunopharmacology 26 (2015) 237–245

60. Title: TLR-7 agonist attenuates airway reactivity and inflammation through Nrf2-mediated antioxidant protection in a murine model of allergic asthma

Ahmed Nadeem Nahid Siddiqui Naif O. Al-Harbi

Mohammed M. Al-Harbi Sheikh F. Ahmad

International Journal of Biochemistry and Cell Biology (2016)

61. The role of poly(ADP-ribose) polymerase-1 inhibitor in carrageenan-induced lung inflammation in mice

mice Sheikh Fayaz Ahmada,* , Khairy M.A. Zoheira,b, Mushtaq Ahmad

Ansaria, Hesham M. Korashya, Saleh A. Bakheeta, Abdelkader E.

Ashoura, Othman A. Al-Shabanaha, Mohammed M. Al-harbia, Sabry M. Attiaa

Molecular Immunology 63 (2015) 394–405

62. Rutin Attenuates Carfilzomib-Induced Cardiotoxicity Through Inhibition of NF-κB, Hypertrophic Gene Expression and Oxidative Stress

.Imam F¹, Al-Harbi NO², Al-Harbia MM², Korashy HM², Ansari MA², Sayed-Ahmed MM², Nagi MN², Iqbal M³, Khalid Anwer M⁴, Kazmi I⁵, Afzal M⁵, Bahashwan S.

Cardiovasc Toxicol, dec 26 2015

63. Protection against tacrolimus-induced cardiotoxicity in rats by olmesartan and aliskiren

Naif O. Al-Harbi, Faisal Imam, Ahmed Nadeem, Mohammed M. Al-Harbi¹,

Muzaffar Iqba, Shakilur Rahman³, Khalid A. Al-Hosaini¹, and Saleh Bahashwan

Toxicol Mech Methods, 2014; 24(9): 697–702

64. Riboflavin attenuates lipopolysaccharide-induced lung injury in rats

Naif O. Al-Harbi, Faisal Imam, Ahmed Nadeem, Mohammed M. Al-Harbi,

Hesham M. Korashy, Mohammed M. Sayed-Ahmed, Mohamed M. Hafez,

Othman A. Al-Shabanah, Mahmoud N. Nagi & Saleh Bahashwan

Toxicology Mechanisms and Methods, 2015; 25(5): 417–423

65. Diosmin downregulates the expression of T cell receptors, pro-inflammatory cytokines and NF-κB activation against LPS-induced acute lung injury in mice. Mice

Faisal Imama,* , Naif O. Al-Harbi, **Mohammed M. Al-Harbia**, Mushtaq Ahmad Ansaria, Khairy M.A. Zoheira, Muzaffar Iqbalb, Md. Khalid Anwer, Ali R. Al Hoshania, Sabry M. Attiaa, Sheikh Fayaz Ahmadaa
Department Pharmacological Research 102 (2015) 1–11

66. Carbon tetrachloride-induced hepatotoxicity in rat is reversed by treatment with riboflavin

Naif O. Al-Harbi a, Faisal Imama,□ , Ahmed Nadeema, Mohammed M. Al Harbi a, Muzaffar Iqbal b, Sheikh Fayaz Ahmad a
International Immunopharmacology 21 (2014) 383–388

67. Association between Paraoxonases Gene Expression and Oxidative Stress in Hepatotoxicity Induced by CCl₄

Mohamed M. Hafez,¹ Othman A. Al-Shabanah,¹ Naif O. Al-Harbi,¹ **Mohamed M. Al-Harbi,¹** Salim S. Al-Rejaie,¹ Saad M. Alsurrayea,² and Mohamed M. Sayed-Ahmed¹
Oxidative Medicine and Cellular Longevity
Volume 2014, Article ID 893212, 12 pages

68. Airway and systemic oxidant-antioxidant dysregulation in asthma: A possible scenario of oxidants spill over from lung into blood

A. Nadeem a, *, N. Siddiqui b, Naif O. Alharbi a, Mohamed M. Alharbi
Pulmonary Pharmacology & Therapeutics 29 (2014) 31e40