



**Rafeeq Alam Khan**

**Meritorious Professor and Chairman**

Department of Pharmacology  
Faculty of Pharmacy & Pharmaceutical Sciences  
University of Karachi, Karachi Pakistan

#### PERSONAL INFORMATION

<b>Father's Name</b>	Iqbal Alam Khan
<b>Date of Birth</b>	09.09.1959
<b>N.I.C</b>	42101-1807518-9
<b>Marital Status</b>	Married
<b>Nationality</b>	Pakistani
<b>E-mails</b>	<a href="mailto:rafkhan@uok.edu.pk">rafkhan@uok.edu.pk</a> , <a href="mailto:rkhan1959@gmail.com">rkhan1959@gmail.com</a>
<b>Office</b>	<b>Department of Pharmacology, Faculty of Pharmacy &amp; Pharmaceutical Sciences, University of Karachi, Karachi- 75270 Pakistan</b>
<b>Residence</b>	B-39, Block-B, Sector 18-A, Gulzar-e-Hijri, Karachi University Employees Co-operative Housing Society, KDA Scheme # 33, Karachi, Pakistan
<b>Office Phone</b>	+921- 99261300-06 /2361; 2206
<b>Cell Number</b>	+92-321-8258742

#### REGISTRATION

Registered Pharmacist since 12<sup>th</sup> Sep 1984, Pakistan Pharmacy Council Registration: No. 639

#### EDUCATION

Degree	PhD	M. Pharm	B. Pharm
Year/ Specialization	1996/ Pharmacology	1986/ Pharmacology	1983/ Pharmacy
Institute	Faculty of Pharmacy & Pharmaceutical Sciences, University of Karachi		

## REVIEW STATEMENT

Twenty nine years of **professional, teaching, research** and **administrative** experience had resulted in the creation of a talented team of Pharmacologist not only serving the parent Department, but also enjoying leading positions at various academic institutions throughout Pakistan as well as outside Pakistan.

51 students have been awarded PhD, M. Phil and M. Pharm. degrees under my guidance. I am the editor in chief of **Journal of Basic and Applied Sciences** since January 2005, and **Journal of Pharmacy and Nutrition Sciences** since June 2011, both are now open access journals published by life science global.

I am also the member of editorial board of several international journals. It is my ultimate desire to motivate younger generation to achieve academic excellence in higher education for national uprightness through individual and institutional growth.

## PROFESSIONAL EXPERIENCE

- Quality Control Officer, **Hoechst Pakistan Pvt. Limited**, **Apr 01, 1986** to **Mar 21, 1988**. Responsibilities include analysis of semi-finished and finished Products, In Process Control, stability & bioavailability studies and microbiological testing.
- Nominated **expert** by **Ministry of Health** Government of Pakistan. July 31, 2006 to evaluate **new drugs** submitted for registration.

## PROFESSIONAL MEMBERSHIP

- Member **New York Academy of Science** 1996
- Life Member **Pakistan Pharmacological Society** since May 23, 1986
- Member Pakistan Pharmacist Association since May 1986

## AWARDS AND HONORS

- Opal Laboratories **Gold Medal M. Pharm**; University of Karachi 1986
- Honorary D.Sc. Open International University, Colombo, Sri Lanka 1996
- **Gold Medal**; Second International Conference of Pharmaceutical Sciences 1997
- Bibliography published in 21 century edition of who is who in the world 2001

## AREAS OF INTEREST

- Biochemical Pharmacology and Toxicology
- Pharmacology of Natural Products

## TEACHING EXPERIENCE

### University of Karachi

- Engaged in teaching entire pharmacology since 1988
- Expertise in teaching **general pharmacology**, **cardiovascular** and **clinical pharmacology**
- Designed manual for experimental Pharmacology

### Saudi Arabia

- Engaged in teaching Pharmacology as Professor at **COM-Jeddah, KSAU- HS**
- Taught **basic Pharmacology** to Pre-Med students
- Involved in teaching of foundation, musculoskeletal, cardiovascular and **respiratory blocks**
- Involved in teaching of **gastroenterology & nutrition** and **renal blocks**
- Engaged in Pharmacology lab at **Umm Al-Qura University** Makah Al-Mukarramah

### Visiting Faculty

- Taught pharmacology to **M. B. B. S** and **B. D. S** students at **Liaquat College of Medicine & Dentistry**
- Taught pharmacology at **Jinnah Medical & Dental College** to **B. Pharmacy** students
- Taught pharmacology at **Karachi Medical & Dental College** to **M. B. B. S** and **B. D. S**

## ACADEMIC POSITIONS HELD

### Department of Pharmacology, University of Karachi

- **Meritorious Professor**, since Dec 2014
- Professor since Nov 2005
- Associate Professor Jan 2001 to Nov 2005
- Assistant Professor Dec 1996 to Dec 2000
- Lecturer Mar 1988 to Dec 1996

## **Saudi Arabia**

- **Professor, College of Medicine-Jeddah**, KSAU- HS Dec 2011 to Dec 2014
- Lecturer, **Umm Al-Qura University** Makah Al-Mukarramah Feb 1997 to Jun 1998

## **Visiting Faculty**

- Professor, Liaquat College of Medicine & Dentistry, Aug 2015 to date
- Associate professor, Jinnah Medical and Dental College 2006 and 2007
- Assistant Professor, Karachi Medical & Dental College Jun 1998 to Oct 1999

## **ADDITIONAL ACADEMIC EXPERIENCE**

### **Subject Expert**

- Evaluate applications for Associate Professor & Professor GC University Faisalabad 2011
- Member selection board, University of Baluchistan, Quetta Aug, 2011
- Prepared G.R.E pharmacology for ICCBS for admission in PhD 2008 & 2010
- Evaluate application for Associate Professor, University of Sindh, Jamshoro, Oct 2008
- Conduct screening test for lecturers, University of Sindh, Jamshoro Mar 2008
- Member selection board, University of Baluchistan, Quetta Aug, 2007

### **Examiner M. Phil/PhD**

- M. Phil thesis and viva voce examiner BMSI, JPMC 2015
- M. Phil thesis examiner Dow University of Health Sciences 2012
- PhD thesis Viva Voce examiner Ziauddin University College of Pharmacy 2011
- M. Phil thesis & Viva Voce examiner BMSI, JPMC 2010

### **Examiner Pharm. D**

- Viva & Practical examiner Ziauddin University 2011
- Viva & Practical examiner Ziauddin University 2010
- Viva and Practical examiner Ziauddin University 2009
- Viva & Practical examination, Ziauddin University 2006

### **Examiner BDS**

- Viva & Practical examiner Fatima Jinnah Dental College 2011
- Viva & Practical examiner Fatima Jinnah Dental College 2010
- Viva Voce examination, Karachi Medical & Dental College 2008
- Viva & Practical examiner Fatima Jinnah Dental College 2007
- Viva & Practical examiner Fatima Jinnah Dental College 2006

### **Examiner B.E.M.S/M.B.B.S**

- Viva & Practical examiner Hamdard College of Eastern Medicine 2011
- Viva Voce examination, Baqai Medical University 2002

### **Nomination on Academic Bodies**

- College Research Committee KSAU-HS, COM-Jeddah Dec 2013 to Dec 2014
- Scientific Committee, KSAU-HS, Jan 2012 to Dec 2014
- Board of Advance Studies & Research Jan 2011 to Dec 2011
- Member Affiliation Committee, Feb 2009 to Feb 2011
- Post Graduate Admission Committee, MS/PhD admissions, 2011
- Board of Studies Department of Pharmacology, University of Sindh, 2009 to 2012
- Board of Studies, College of Pharmacy, Ziauddin Medical University, 2005 to 2008
- Board of Studies Department of Pharmacology, University of Karachi, since 1989
- Board of Faculty of Pharmacy, University of Karachi, since 1989
- Convener curriculum subcommittee for Pharm. D Program, Board of Faculty

### **ADMINISTRATIVE EXPERIENCE**

#### **University**

- Admission Committee, University of Karachi- 2015

## **Department**

- Chairman Jul 2015 to date
- Chairman Sep 2011 to Dec 2011
- Chairman Jul 2006 to Jul 2009
- Chairman Jul 2003 to 24 July 2006
- Coordinator B. Pharm Evening Program, Jan 2002 to Jul 2003
- Chairman Sep 2002 to Oct 2002

## **Student Affairs**

- Central Advisory Committee on Student Affairs Oct, 2008 to Dec 2011
- Need-Cum Merit Scholarship Committee Apr, 2007 to Dec 2011
- Academic Council Committee to equate BS four years degree and Master's Degree 2009

## **Syndicate**

- Member Syndicate University of Karachi from Aug 2004 to Aug 2007
- Master Plan Committee, University of Karachi 2006
- Overtime Payment Committee, Non-Teaching Staff-2006
- Committee to consider professional experience of teaching post 2006
- Model Tenure Track Statutes Committee, University of Karachi 2005
- Rationalization Committee of Teaching Cadres 2005
- Medical Facilities Committee 2005, University of Karachi
- House Building Advances Committee 2005
- Utility Affairs Committee 2005, University of Karachi
- Statutes Committee; Feroz Ahmed Institute of Mass Communication, Umaer Basha, Institute of Information Technology and Institute for Sustainable Halophyte 2005
- Discipline Committee Aug 2003 to Aug 2004
- Committee for Lab-running Grant, Books & Journals and Lab-Equipment 2004

- Probe and Re-structuring Committee Department of Examination, Mar 2004
- Inquiry Committee appointment of employees in BPS-16 and above, Aug 2004
- Rationalization Committee University of Karachi, 2003
- House Building Advance Loan Committee, 2003
- Medical Insurance Scheme Committee University of Karachi, 2003 and 2004
- Restructuring Committee of Evening Program, 2002
- Employment Scrutinizing Committee University of Karachi, 2002
- Member Syndicate University of Karachi, Oct 2002 to Jun 2004
- Member Syndicate University of Karachi, Jun 2001 to Jul 2002
- Finance Committee Evening Program 2002
- Committee to formulate rules for promotion of employees, BPS 1 to 16
- Rationalization Committee University of Karachi, 2001

#### **Member Board of Governors**

- Karachi Institute of Heart Diseases, Dec 2004 to Dec 2008
- Board of Secondary Education Karachi, Nov 2006 to Aug 2008
- Mehran Degree Girls College Karachi, Oct 2004 to Oct 2007
- Board of Secondary Education Karachi, Oct 2004 to Oct 2006
- Board of Secondary Education Karachi, Feb 2002 to Feb 2004

#### **SCIENTIFIC CONTRIBUTION**

##### **Editor in Chief**

- **Pakistan Journal of Pharmacology**, since Aug 2015 <http://www.pakjp.pk/>
- **Journal of Basic and Applied Sciences**, since Jan 2005
- **Journal of Pharmacy and Nutrition Sciences**, since Jun 2011

## Member Editorial Board

- International Journal of Pharmacy & Pharmaceutical Sciences, since Jul 2014 <http://www.ijppsjournal.com/>
- Indonesian Journal of Pharmacy, since Jul 2013 <http://mfi.farmasi.ugm.ac.id/>
- American Journal of Advance Drug Delivery, since May 2013 <http://www.ajadd.co.uk/>
- American Journal of Research Communication, April 2013 <http://www.usa-journals.com/>
- Pakistan Journal of Pharmacology Jan 2005 to Jul 2013 <http://www.pakjp.pk/>
- Pakistan Journal of Pharmaceutical Sciences since 2004 <http://www.pjps.pk/>
- Associate Editor Pakistan Journal of Pharmaceutical Sciences, Sep 2010 to Mar 2012

## Reviewer of Journals

- African Journal of Agricultural Research, African Journal of Biotechnology
- African Journal of Pharmacy and Pharmacology
- Alexandria Journal of Medicine
- American Chemical Science Journal, American Journal of Pharmacy Education
- Biomedical Journals, BMC Complementary and Alternative Medicine
- British Biotechnology Journal
- Elite Research Journals, European Journal of Medicinal Plants
- International Blood Research & Reviews
- International Journal of Biochemistry Research & Review
- Journal College of Physicians and Surgeons Pakistan
- Journal of Complementary and Integrative Medicine
- Journal of JSM Genetics and Genomics, Journal of Medicinal Plants Research
- Metabolic Brain Disease
- Molecules
- Pharmaceutical Biology



## WORKSHOPS

- Organized workshop on **SPSS** at Faculty of Pharmacy, 31 Oct 2015
- **Pain management** LCM & D, Department of Medical Education, 8 Sep 2015
- **Innovative Concepts in Health Professions Education: Current Trends 2012** COM-J, KSAU-HS, Nov 24 – 28 2012
- **Item construction Item Analysis**, College of Nursing KSAU-HS, Jan 22 – 23 2012
- CSF-HEC “**Promoting Industry Academia Linkages**” Jan 09, 2007 Marriott Hotel, Karachi
- **Management, Production & Quality Assurance of Drugs** 12 - 14 Nov 2001
- **Total quality Management of drugs**, Ministry of Health collaborated with WHO 3 to 5 Dec 1999 Islamabad

## SYMPOSIA

- Chairman, Scientific session “**Clinical Pharmacy Practice an Era of Transition from Theory and Practice**” Ziauddin College of Pharmacy 23 Apr 2011
- Co-Chairman BMSI, **48<sup>th</sup> Annual Medical Symposium** JPMC, Karachi 29 Mar 2011
- Chairman Pre-Clinical session “**Health and Education; Need of the Nation**” Bahria University Medical & Dental College, Feb 5 2011
- “**Pharmacy Profession a Tool to Enhance Patient Care**” Hotel Regent Plaza, 13 Jan 2011

## CONFERENCES

- **The Need for Developing Clinical Pharmacological Services in Pakistan** Frontier Medical Collage Abbottabad 13 Nov 2000
- **Second International Conference** of Pharmaceutical Sciences 2 to 5 Jan 1997 Karachi
- Co-chaired session on Psychopharmacology, **Second Biennial National Conference** on Pharmacology and Therapeutics 14 & 15 Dec 1996 Karachi
- **First Biennial National Conference** on Pharmacology and Therapeutics Jan 21-22, 1995
- **First International Conference** of Pharmaceutical Sciences, Jan 18 to 21, 1992

## RESEARCH PROJECTS

- Toxicological evaluation of **Herbal Products** of a Pharmaceutical Company **2005**
- **Toxicological evaluation** of Herbal Products of a **Pharmaceutical Company** 2003

## PUBLICATION OF BOOKS

### 1. Multiple Drug Administration: Risks and Benefits Cumulative Toxicities 2011

LAP Lambert Academic Publishing ISBN 978-3-8465-5018-2, paperback, 140 Pages

### 2. Multiple Drug Administration: Cumulative Toxicities 2015

LAP Lambert Academic Publishing ISBN 978-3-659-77802-5, paperback, 248 Pages

## RESEARCH GUIDANCE

### PhD degrees awarded under my Supervision

S. No.	Name	Year	Title
1.	Hafiz Muhammad Bilal	2015 Thesis Submitted	Evaluation of therapeutic efficacy of cupping therapy in the treatment of various disorders.
2.	Tabassum Zehra	2015	Role of antioxidants in the prevention of pre-eclampsia.
3.	Muhammad Arif	2015	Pharmacological and toxicological evaluation of herbal drugs and their combinations used in the treatment of male infertility.
4.	Neelam Mallick	2015	Evaluation of pharmacological effects of orange and grape fruit juices on cardiovascular parameters, hepato-protective, anti-diabetic and anti-inflammatory activities.
5.	Sadia G. Baig	2015	Study of cumulative effects of antipsychotic, hypoglycemic, antihypertensive and antihyperlipidemic drugs.
6.	Azra Riaz	2014	Pharmacological evaluation of flavonoids

containing fruits *Punica granatum* and *Citrus limon*.

7. Nasreen Qazi 2013 Hypoglycemic, hypocholesterolemic and antioxidant effects of *Carthamus tinctorius* (Safflower).
8. Nabi Shah 2013 Assessing the functional and pharmacological relevance of genomic associations in patients with myocardial infarction.
9. Muhammad Mujtaba 2013 Studies on azoles, polyenes, garlic and cinnamon on *Candida albicans* isolates from oral cavity.
10. Moosa Khan 2012 Study of safety and efficacy profile of allopurinol-losartan potassium and allopurinol candesartan in hyperuricemic, gouty and hypertensive patients
11. Afshan Siddiq 2012 Study of cumulative toxicities of antihypertensive, hypolipidemic and hypoglycemic drugs
12. Rizwan Ashraf 2011 Pharmacological effects of *Allium sativum* on prevention of different cardiovascular risk factors.
13. Zeeshan Feroz 2011 Pharmacological Assessment of Safe Antiepileptic Combination.
14. Fareeda Islam 2009 Pharmacological and toxicological evaluation of herbal drugs.
15. Asif Ahmad 2009 Pharmacological evaluation of honey
16. Ishfaq Ali Shah Bukhari 2006 Pharmacological and toxicological evaluation of some indigenous medicinal plants.
17. Syeda Afroz 2005 Dual inhibitors of arachidonic acid metabolism and platelet activating factor.

#### Students enrolled for Ph. D

S. No.	Name	Year	Title
1.	Subia Jamil	2014	Pharmacological & Toxicological screening of <i>Vernonia Cinerea</i> .
2.	Shadab Ahmed	2013	Evaluation of anti-inflammatory, antihyperlipidemic, anticoagulant and antimicrobial activities of <i>Phoenix dactylifera</i> L.

3. Muhammad Ali 2013 Pharmacological & Toxicological Evaluation of *Nelumbo nucifera* fruit.
4. Najiya Mansoor 2011 In-silico ADMET modeling for newer anticancer drugs in different groups of patients through physiology based pharmacokinetics (PBPK) simulation.

#### M. Phil Degrees awarded under my Supervision

S. No.	Name	Year	Title
1.	Tahira Assad	2012	Evaluation of hypoglycemic, hypolipidemic and antithrombotic effects of methanolic extract of <i>Brassica oleraceae</i> in alloxan induced diabetic rabbits.
2.	Muhammad Ali	2012	Evaluation of anxiolytic, antidepressant, antiepileptic and antithrombotic effects of Ajwain.
3.	Sarah Moideen	2012	Comparison of effects of amoxicillin with metronidazole & /or doxycycline with metronidazole in adult periodontitis.
4.	Shahana Wahid	2011	Assessment of the cumulative teratogenic effects of antiepileptic, antihypertensive and anti-allergic drugs.
5.	Zamir Ali Siddiqui	2011	Comparative study of the newer angiotensin receptor blocker versus traditional antihypertensive therapy
6.	Shaista Tauqeer	2011	Evaluation of teratogenic effects of atypical antipsychotic risperidone in combination with antihypertensive and antiemetic.
7.	Amber	2011	Evaluation of safety & efficacy profile of bonjigar syrup.
8.	Sobia Jamil	2011	Evaluation of reproductive behavior and risk-benefit profile of hormonal and intrauterine contraceptives in Pakistani females.
9.	Azra Riaz	2009	Pharmacological Evaluation of Evening

#### Primrose Oil

10. Maryam Aslam 2007 Pharmacological and toxicological evaluation of a herbal product (Evica)
11. Riffat Farooqui 2007 Evaluation of renal, hepatic and hematological safety of commonly used syrup linkus.
12. Shadab Ahmed 2007 Pharmacological and toxicological evaluation of commonly used herbal medicine in animals
13. Nuzhat Sultana 2006 Pharmacological screening of *Vigna trilobata* and *Mucuna pruriens*.
14. Shireen Sadruddin 2006 Pharmacological and toxicological evaluation of herbal drug Insty.
15. Rizwan-ul-Haq 2005 Investigation of antitussive activity of some medicinal plants of Pakistan.
16. Abdul Wahab 2004 Anticonvulsant efficacy and safety profile of *Myristica fragrans*.
17. Huma Rasheed 1997 Pharmacological assessment of newly synthesized compounds for analgesic activity.

#### M. Pharm. Degrees awarded under my supervision

S. No.	Name	Year	Title
1.	M. Abdus Sami	2011	A comparative study of risperidone and fluoxetine on weight variation and behavioral effects in mice.
2.	Syed Anwar Ali	2011	Hematological Studies of <i>Carica papaya</i> Extract
3.	Mariam Razzaq	2011	Epidemiological study of Prevalence of Psychotic disorders in Karachi.
4.	Maria Jamil	2011	Investigation of hypolipidemic and thrombolytic effects of <i>Myrtus cummunis</i> .
5.	Faiza Abdul Razzaq	2010	Effect of <i>Berberis aristata</i> on lipid profile and Blood Coagulation.

6. Nousheen Malik                      2010      Epidemiological study of prevalence of cancer in Karachi.
7. Kanwal Naseer                      2010      Hypolipidemic effects of entoban and *Hypnea pannosa*
8. Sarah Azhar                          2010      In-vitro effect of entoban syrup on blood coagulation.
9. Muhammad Bilal                      2009      Pharmacological evaluation Al-hajama an alternative mode of treatment.
10. Yasmin Darya Khan                  2009      Evaluation of hypolipidemic effect of *Citrus limon*.
11. Mohammad al Gurbi                  2006      Effect of Verona on cardiac enzymes.
12. Amber Hanif Palla                  2006      Evaluation of rational use of antibiotics in adult pharyngitis patients.
13. Zia Anwar Khan                      2006      Pharmacological evaluation of natural extract of *Indigofera hoschtettri*.
14. Arooj Naveed                        2004      Pharmacological screening of medicinal plant for analgesic activity.
15. Saima Afzal                          2003      Pharmacological screening of methanolic and butanolic extracts of *Tamarindus indica*.
16. Azhar Hussain                        2003      Effect of vitamin E on excitatory amino acid induced changes.
17. Junaid Iqbal                         1995      The effects of antineoplastic, analgesic and Co-analgesic combinations on hematological parameters.
18. Mohammad Fayyaz                  1992      Screening of some medicinal plants for analgesic and anti-inflammatory activity.

#### **PUBLICATIONS 2016**

1. **R. A. Khan**, N. Mallick and Z. Feroz. Anti-inflammatory effects of *Citrus sinensis* L., *Citrus paradisi* L. and their combinations. **J. Pharm. Sci. 29(2) May (2016). Accepted**

2. T. Salman, M. Kamal, M. Ahmed, Syeda M. S, **R. A. Khan** and A. Hassan. Medium optimization for the production of amylase by *Bacillus subtilis* RM16 in Shake-flask fermentation. *J. Pharm. Sci.* **29(1) Mar (2016). Accepted**
3. **R. A. Khan**, M. Aslam and S. Ahmed. Evaluation of toxicological profile of poly-herbal formulation. *Pharmacology & Pharmacy.* **7(1) Jan (2016).**
4. N. Mallick and **R. A. Khan**. Antihyperlipidemic effects of *C. Sinensis*, *C. Paradisi* and their combinations. *Journal of Pharmacy & Bioallied Sciences.* [DOI:10.4103/0975-7406.171727](https://doi.org/10.4103/0975-7406.171727)
5. A. Riaz, **R. A. Khan**. Anticoagulant, Antiplatelet and Anti-anemic Effects of *Punica granatum* (Pomegranate) Juice in Rabbits. *Blood Coagulation & Fibrinolysis.* **Accepted.**

#### PUBLICATIONS 2015

6. S. Ahmed, A. Naved, **R. A. Khan** and S. Siddiqui. Analgesic activities of methanol extract of *Terminalia chebula* fruit. *Pharmacology & Pharmacy.* **6(12) Dec (2015)547-553** doi: [10.4236/pp.2015.612056](https://doi.org/10.4236/pp.2015.612056).
7. S. Khan, S.M. Ali and **R. A. Khan**. Symptoms of Depression in Emerging Adults. *Ann Psychiatry Ment Health* **3(7) Nov (2015) 1050.**
8. S. Ahmed, **R. A. Khan** and Z. Feroz. Assessment of sub-chronic, hematological and histopathological toxicities of a herbal combination. *Pak. J. Pharm. Sci.* **28(6) Nov (2015) 2153-2160.**
9. N. Mallick and **R. A. Khan**. Behavioral effects of *C. Paradisi* in rats. *Metabolic Brain Disease.* **30 (5) Oct 2015; DOI: 10.1007/s11011-015-9754-1/.**
10. M. Arif, B. Sherwani, M. R. Ahmed and **R. A. Khan**. Evaluation of sub chronic toxicities of *Mucuna pruriens*, *Cinnamomum zeylanicum*, *Myristica fragrans* and their combination on renal, hepatic and cardiac parameters. *Gomal Journal of Medical Sciences* **13(3) Sep (2015)224-229.**
11. M. Bilal, **R.A. Khan** and K. Danial. Hijama improves overall quality of life in chronic renal failure patients: A pilot study. *Pak. J. Pharm. Sci.* **28(5) Sep (2015) 1731-1735.**
12. **R. A. Khan** and A. Riaz. Behavioral Effects of *Citrus limon* in Rats. *Metabolic Brain Disease.* **30 (2) Sep (2015) 589-596. Published online Sep 2014. DOI 10.1007/s11011-014-9616-2.**
13. A. Hassan, M. Ahmed, M. Rasheed, N. Mansoor, **R. A. Khan**, M. Kamal and M. A. Rashid. Analyses of bile from gallbladder of *Arius platystomus*, *Arius tenuispinis*, *Pomadasy commersonni* and *Kishinoella tonggol*. *Pak. J. Pharm. Sci.* **28(4) July (2015) 1253-1258.**

14. N. Qazi, **R. A. Khan** and G.H. Rizwani. Evaluation of Antianxiety and Antidepressant Properties of *Carthamus Tinctorius* (Safflower) Petal Extract. *Pak. J. Pharm. Sci.* **28**(3) May (2015) 991-995.
15. **R. A. Khan**, T. Asad, Z. Feroz and M. Ahmed. In vivo examination of the anticoagulant effect of the *Brassica oleracea* methanol extract. *Archives of Biological Sciences* **67** (2) 2015 631-633. *Online-First Issue*.[doi:10.2298/ABS140610022K](https://doi.org/10.2298/ABS140610022K).
16. **R. A. Khan**, Sadia G. B and Afshan S. Comparative effects of metformin and pioglitazone on lipid profile of rabbits. *Pak. J. Pharm. Sci.* **28**(2) Mar (2015) 553-555.
17. **R. A. Khan**, A. Siddiq and S. G. Baig. Assessment of renal parameters following combined administration of antihypertensive, hypolipidemic and hypoglycemic drugs. *American Journal of Advanced Drug Delivery*, **3**(1) 2015, 79-85.
18. A. A. Siddiqui, D. V. Cicchetti, M. Wasay, **R. A. Khan**, M. A. K. Yousuf Zai, M. Ahmed and S. Tabassum. Prediction and Identification of Covariates of Intra-cerebral Hemorrhage. *International Journal of Statistics in Medical Research*, **4** (1) Feb (2015) 1-7.
19. N. Mallick and **R. A. Khan**. Effect of *C. paradisi* and *C. sinensis* on Glycemic Control in Rats. *African Journal of Pharmacy and Pharmacology*. **9**(3) Jan (2015)60-64 [doi: 10.5897/AJPP.2014.4185](https://doi.org/10.5897/AJPP.2014.4185).
20. M. A. Rajput, **R. A. Khan** and Z. Feroz. Evaluation of Anxiolytic Activity of methanol Extract of *Trachyspermum Ammi*. L. *Int J Pharm Pharm Sci*, **7**(3) 2015, 69-71.

#### PUBLICATIONS 2014

21. A. Riaz, **R. A. Khan** and Hussein A.A Memory boosting effect of *Citrus limon*, Pomegranate and their combinations. *Pak. J. Pharm. Sci.* **27** (6) Nov (2014) 1837-1840.
22. A. Riaz and **R. A. Khan**. Effect of *Punica granatum* on behavior in rats. *African Journal of Pharmacy and Pharmacology*. **8**(44) Nov (2014) 1118-1126 [DOI: 10.5897/AJPP.4178](https://doi.org/10.5897/AJPP.4178).
23. T. Zehra, **R. A. Khan** and F. Qadri. Anemia in Pregnancy a Study at Karachi in a Tertiary Care Centre. *American Journal of Phytomedicine and Clinical Therapeutics* **2** (10) Oct (2014) 1224-1233.
24. Riffat F, **R. A. Khan**, Khalid M and R.U. Haq. Evaluation of antitussive efficacy of herbal syrup. *Medical Channel*. **20**(3) Sep (2014) 34-37.
25. T. Asad, **R.A. Khan** and Z. Feroz. Evaluation of hypoglycemic and hypolipidemic activity of methanol extract of *Brassica Oleracea*. *Chinese Journal of Natural Medicines*. **12**(9) Sep (2014) 648-653. [DOI: 10.3724/SP.J.1009.2014.00648](https://doi.org/10.3724/SP.J.1009.2014.00648).



26. Riffat F, Hoor T, Zamir T, **R. A. Khan**. Evaluation of cardiovascular safety of herbal cough syrup. *Pakistan Journal of Medicine and Dentistry*. 3 (03) 2014, 29-34.
27. T. Zehra, **R. A. Khan**, F. Qadir and H. Hashmi. Role of antioxidants and calcium in prevention of Pre-eclampsia *Medical Channel*. 20(2) Jul (2014) 44-48.
28. S. Wahid, **R. A. Khan** and Z. Feroz. Reduction in mortality and teratogenicity following simultaneous administration of folic acid and vitamin E with antiepileptic, antihypertensive and anti-allergic drugs. *Journal of Pharmacy & BioAllied Sciences*. 06 (3) July (2014) 1-7. [DOI:10.4103/0975-7406.130955](https://doi.org/10.4103/0975-7406.130955).
29. A. Riaz, **R. A. Khan**, T. Mirza, T. Mustansir and M. Ahmed. In vitro/in vivo effect of *Citrus limon* (L. Burm. f.) juice on blood parameters, coagulation and anticoagulation factors in rabbits. *Pak. J. Pharm. Sci.* 27 (4) July (2014) 907-915.
30. S. Jamil, **R. A. Khan**, H. Dilshad and S. Fatima. Hematologic variations associated with the long term use of contraceptives in young females. *American Journal of Phytomedicine and Clinical Therapeutics* 2(5) Jun (2014) 580-586.
31. R. Islam, M. A. Sikder, **R. A. Khan**, M. Ahmed and M. A. Rashid. Membrane stabilizing, thrombolytic, analgesic, anti-diarrheal and CNS activities of *Polyalthia longifolia* (Sonn.) *South Asian J Exp Biol*. 4 (3) Jun (2014) 104-109.
32. **R. A. Khan**, Sadia G.B. Afshan S. A Comparative Study of the Effects of Olanzapine and Risperidone on Lipid Profile & C- Reactive Protein of Rabbits, *Pharmanest* 5(3) May-June (2014) 2120-2122
33. N. Mallick and **R. A. Khan**. Effect of *Citrus sinensis* (Sweet Orange) on coagulation. *South Asian J Exp Biol*. 4 (2) May (2014) 54-60.
34. N. Qazi, **R. A. Khan**, G.H. Rizwani and Z. Feroz. Effect of *Carthamus tinctorius* (Safflower) on fasting blood glucose and insulin levels in alloxan induced diabetic rabbits. *Pak. J. Pharm. Sci.* 27(2) Mar (2014) 377-380.
35. **R. A. Khan**, Z. Feroz, M. Jamil and M. Ahmed. Hypolipidemic and antithrombotic evaluation of *Myrtus communis* L. in cholesterol-fed rabbits. *African Journal of Pharmacy and Pharmacology*. 8(8) Feb (2014) 235-239 [DOI 10.5897/AJPP2013.3488](https://doi.org/10.5897/AJPP2013.3488).

#### PUBLICATIONS 2013

36. A. Riaz and **R. A. Khan** Effect of combination doses of *citrus limon* and *Punica granatum* juice on blood parameters in rabbits. *International Journal of Phytotherapy Research*. 3 (4) Dec (2013) 1-14.

37. M. Sufian, M. Kamal, Fakharuddin, **R. A. Khan**, A. Hassan and M Ahmed. Characterization of TEM-Mediated Ampicillin Resistance in Salmonella typhi Isolates of Pakistan. *Global Journal of Pathology and Microbiology*. 1 (2013) 69-74.
38. M. Razzak, **R. A. Khan**, I. Chaudhari, M. Ahmed and N. Shamim. Prevalence of Psychiatric Disorders in Karachi: 2006 – 2010. *American Journal of Research Communication*. 1(11) Nov (2013)220-243.
39. R. Ashraf, **R. A. Khan**, I. Ashraf and A.A. Qureshi. Effects of Allium sativum (Garlic) on systolic and diastolic blood pressure in patients with essential hypertension. *Pak. J. Pharm. Sci.* 26 (5) Sep (2013)859-863.
40. A. Riaz, **R. A. Khan** and M. Ahmed. Glycemic Response of Citrus Limon, Pomegranate and their Combinations in Alloxan-Induced Diabetic Rats. *Australian Journal of Basic and Applied Sciences*. 7(10) Aug (2013) 215-219.
41. R.U. Haq, A. Wahab, K. Ayub, K. Mehmood, M.A. Sherkheli, **R.A. Khan** and M. Raza. Antitussive efficacy and safety profile of ethyl acetate fraction of *Terminalia chebula*. *ISRN Pharmacology*, Vol. 2013 Article ID 256934, 7 pages, [dx.doi.org/10.1155/2013/256934](http://dx.doi.org/10.1155/2013/256934)
42. N. Sultana, **R. A. Khan** and I. Azhar. Analgesic and anti-inflammatory activity of methanol extract of *Mucuna pruriens* (L.) DC. *Int. J. Biol. Res.* 1(1) Jun (2013) 69-73.
43. Z. Feroz, **R. A. Khan**, Amber and MahayRookh. Impact of herbal drug combination on lipid profile, renal and cardiac parameters. *Pak. J. Pharm. Sci.* 26 (4) Jul (2013) 819-822.
44. **R. A. Khan**, M. Arif, B. Sherwani and M. Ahmed. Acute and Sub Chronic Toxicity of *Mucuna pruriens*, *Cinnamomum zeylanicum*, *Myristica fragrans* and their effects on hematological parameters. *Australian Journal of Basic and Applied Sciences*. 7(8) Jun (2013) 641-647.
45. A. Siddiq and **R. A. Khan**. Effect of Multi Drug Administration on Cardiac Enzymes and Tissues. *American Journal of Advanced Drug Delivery*. 1(1) May (2013) 36-42.
46. N. Sultana, **R. A. Khan** and I. Azhar. Anti-tussive effect and gross toxicities of methanol extract of *Mucuna pruriens* (L) DC in comparison of codeine phosphate. *Int. Res. J. Pharm.* 4(6) May (2013)62-65.
47. Qazi N, **R.A. Khan**, Kazi Y.F, Kumar P., Rizwani G.H. Antibacterial activity of *Carthamus tinctorius* L. against bacterial isolates. *Journal of Antimicrobials. Photon* 128 May (2013) 172-176.

48. M. A. Rajput, **R. A. Khan** and Z. Feroz, Evaluation of antiepileptic activity of the methanol extract of *Trachyspermum ammi* (L.) *Arch. Biol. Sci., Belgrade.* **65** (3) 2013, 815-819. [DOI:10.2298/ABS1303815R](https://doi.org/10.2298/ABS1303815R).
49. A. Siddiq and **R. A. Khan**. Risk and Benefits: Electrolytes imbalance associated with the use of multiple drugs. *American Journal of Research Communication.* **1**(4) Apr (2013) 34-40.
50. I.A. Bukhari, A.J. Shah, R.A. Khan, S.A. Meo, A. Khan and A.H. Gilani. Gut modulator effects of *Conyza bonariensis* explain its traditional use in constipation and diarrhea *European Review for Medical and Pharmacological Science.* **7** (4) Feb (2013)552-558.
51. A. Siddiq, **R. A. Khan** and A.A. Siddiqui. Comparison of hepatic parameters following administration of antihypertensive, hypolipidemic and hypoglycemic drugs. *J. basic appl. Sci.* **9**(1) Feb (2013) 82-86.
52. S. Moideen, **R. A. Khan** and A.A. Siddiqui. Efficacy of metronidazole in combination with amoxicillin and doxycycline in adult periodontitis. *J. basic appl. Sci.* **9**(1) Feb (2013)99-104.
53. Z. Feroz, **R. A. Khan**, Amber and MahayRookh. Hepatoprotective effect of herbal drug on CCl4 induced liver damage *Pak. J. Pharm. Sci.* **26** (1) Jan (2013) 99-103.
54. S. Zain, M.Khan, **R. A. Khan**, I Zafar and S. Ahmad. Comparison of efficacy and safety of topiramate with gabapentin in migraine prophylaxis: randomized open label control trial. *J Pak Medical Association.* **63**(1) Jan (2013) 3-7.

#### PUBLICATIONS 2012

55. A. H. Palla, **R. A. Khan**, A. H. Gilani and F. Marra. Over prescription of antibiotics for adult pharyngitis is prevalent in developing countries but can be reduced using McIsaac modification of Centor scores: across-sectional study. *BMC Pulmonary Medicine.* Nov (2012), **12**:70. [doi:10.1186/1471-2466-12-70](https://doi.org/10.1186/1471-2466-12-70).
56. M. A. Rajput, **R. A. Khan**, N. Qazi and Z. Feroz. Effect of methanol extract of ajwain (*Trachyspermum Ammi* L) on blood coagulation in rats. *JLUMHS.* **11**(2) May- Aug (2012) 105-108.
57. Ali M.M, **Khan R A**, Mehdi A. Effect of azoles, polyenes, garlic and cinnamon on *Candida albicans* isolates from oral cavity. *J Pak dent Assoc.* **21**(2) Apr-Jun (2012) 94-98.
58. M. Khan, **R. A. Khan**, S. M. Turab and S. Murad. The role of allopurinol and angiotensin receptor blocker in serum uric acid reduction in gouty and hypertensive patients. *Medical Forum.* **23**(2) Feb (2012) 67-69.

59. F. Rizvi, M. Khan, **R. A. Khan** and F. Asad. Evaluation of efficacy of budesonide in prevention of cardiovascular risks in chronic obstructive pulmonary disease patients. *Medical Forum*. 23(2) Feb (2012) 70-74.
60. R. U. Haq, Shah IU, Ullah Z, **R. A. Khan** and Malik A. Antitussive and toxicological evaluation of *Vitex negundo*. *Natural Product Research*. 26(5) 2012, 484-488. [doi: 10.1080/14786419.2010.534472](https://doi.org/10.1080/14786419.2010.534472).
61. I. Zafar, M. Khan, S. M. Turab and **R. A. Khan**. Efficacy and safety of fenofibrate in patients with hyperuricemia. *Journal of the Dow University of Health Sciences*. 6 (1) Jan- Apr (2012) 3-6.
62. S. Tauqeer, **R. A. Khan** and A. A. Siddiqui. Evaluation of teratogenic effects of risperidone following simultaneous administration with antihypertensive and antiemetic drugs *Pak. J. Pharm. Sci.* 25 (1) Jan (2012) 261-266.
63. F. Rizvi, M. Khan, **Rafeeq Alam**, N. Rizvi and F. Asad. Evaluation of efficacy of atorvastatin in prevention of cardiovascular risk in stable chronic obstructive pulmonary disease patients. *Pak Armed Forces Med J.* 62(4) Dec (2012) 561-566.

#### PUBLICATIONS 2011

64. M. Khan, **R.A. Khan**, F. Islam, J. Laghari and S. Jamali. To study the efficacy of losartan on urinary uric acid excretion in thiazide induced hyperuricemic and hypertensive patients *Pak. J. Pharm. Sci.* 24 (4) Oct (2011)583-587.
65. R. Ashraf, **R. A. Khan** and I. Ashraf. Garlic (*Allium Sativum*) supplementation with standard antidiabetic agent provides better diabetic control in type 2 diabetes patients *Pak. J. Pharm. Sci.* 24 (4) Oct (2011)565-570.
66. F. A. Razzaq, **R. A. Khan**, Z. Feroz and S. Afroz. Effect of *Berberis aristata* on lipid profile and coagulation parameters. *African Journal of Pharmacy and Pharmacology*. 5(7) Jul (2011) 943 – 947. [DOI: 10.5897/AJPP10.322](https://doi.org/10.5897/AJPP10.322).
67. R. Ashraf, **R. A. Khan** and I. Ashraf. Effects of garlic on blood glucose levels and HbA1c in patients with type 2 diabetes mellitus. *Journal of Medicinal Plant Research*. 5 (13) Jul (2011) 2922-2928.

68. A. Ahmed, **R. A. Khan**, A. A. Ali and M. A. Mesaik. Effect of Wet Cupping Therapy on virulent cellulitis secondary to Bee honey sting- A case report. *J. basic appl. Sci.* 7(2) Jul (2011)123-125.
69. A. Ahmed, **R. A. Khan**, M.K. Azim, A. Saeed, M.A. Mesaik, S. Ahmed and I. Imran. Effect of natural honey on human platelets and blood coagulation proteins. *Pak. J. Pharm. Sci.* 24 (3) Jul (2011) 389-398.
70. R. U. Haq, U. Farooq, A. Wahab, V. Ahmed and **R. A. Khan**. Investigation of antitussive and toxicological activity of *Ballota limbata* in mice. *Pharm Biol.* 49(6) Jun (2011) 627-32.
71. A. Riaz, **R. A. Khan**, A. A. Siddiqi and T. Mirza. Evaluation of weight reducing effect of evening primrose oil. *Journal of Pharmacy and Nutrition Sciences.* 1 (1) Jun (2011) 15-19.
72. A. Siddiq, **R. A. Khan** and S.G. Baig. Does atorvastatin work more effectively than biguanides in reducing cardiovascular risk factors? *Journal of Pharmacy & BioAllied Sciences.* 03 (2) May (2011)306-309. [doi: 10.4103/0975-7406.80767](https://doi.org/10.4103/0975-7406.80767).
73. Z. Feroz, **R. A. Khan** and S. Afroz. Adverse Effects of Anti-Epileptic, Anti-Hypertensive, Anti-Diabetic and Anti-Arrhythmic Drugs on Hematological and Hepatic Parameters. *Lat. Am. J. Pharm.* 30 (2) Mar (2011) 229-236.
74. D. Das, M. Khan, A. Gul and **R. A. Khan**. Safety and efficacy of Iodoxamide in renal keratoconjunctivitis. *J. Pak. Medical Association.* 61(3) Mar (2011) 239-241.
75. Z. Feroz, **R. A. Khan**, and S. Afroz. Cumulative toxicities on lipid profile and glucose following administration of anti-epileptic, anti-hypertensive, anti-diabetic and anti-arrhythmic drugs. *Pak. J. Pharm. Sci.* 24 (1) Jan (2011) 47-51.
76. M. Bilal, **R. A. Khan**, Asif Ahmed and S. Afroz. Partial evaluation of technique used in cupping therapy. *J. basic appl. Sci.* 7(1) Jan (2011) 65-68.
77. F. Asad, M. Khan, A. Samdami, **R. A. Khan** and F. Rizvi. To study therapeutic effect and benefit on quality of life in scabies patients. *Medical Forum* 22(11) 2011, 34-37.

#### PUBLICATIONS 2010

78. Z. Feroz, **R. A. Khan**, T. Mirza and S. Afroz. Adverse effects of cumulative administration of anti-epileptic, anti-hypertensive, anti-diabetic and anti-arrhythmic drugs on renal and cardiac parameters. *Int J Med Res.* **1** (1) Aug (2010) 39-47.
79. A. Riaz, **R. A. Khan**, S. Ahmed and S. Afroz. Assessment of acute toxicity and reproductive capability of a herbal combination. *Pak. J. Pharm. Sci.* **23** (3) Jul (2010) 291-294.
80. I. A. Bukhari, **R. A. Khan**, A. H. Gilani, S. Ahmed and S. A. Saeed. Analgesic, anti-inflammatory and anti-platelet activities of the methanolic extract of *Acacia modesta* leaves. *Inflammopharmacol.* **18**, Mar (2010) 187-196.
81. Y. Khan, **R. A. Khan**, S. Afroz and A. Siddiq. Evaluation of hypolipidemic effect of *citrus lemon*. *J. basic appl. Sci.* **6** (1) Jan (2010) 39-43.

#### PUBLICATIONS 2009

82. A. Wahab, R.U. Haq, A. Ahmed, **R.A. Khan** and M. Raza. Anticonvulsant activities of nutmeg oil of *Myristica fragrans*. *Phytother. Res.* **23** (2) Dec (2009) 153-158.
83. A. Riaz, **R. A. Khan** and S. P. Ahmed. Assessment of anticoagulant effect of evening primrose oil. *Pak. J. Pharm. Sci.* **22** (4) Oct (2009) 355-359.
84. Z. Feroz, **R. A. Khan** and S. Afroz. Effect of multiple drug administration on gross toxicities and electrolytes. *Pakistan Journal of Pharmacology.* **26**(2) Jul (2009) 33-39.
85. A. H. Gilani, I. A. Bukhari, **R. A. Khan**, A. J. Shah, I. Ahmad and A. Malik. Presence of Blood-Pressure Lowering and Spasmolytic Constituents in *Buddleja crispa*. *Phytother. Res.* **23** (2009) 492–497.
86. A. Ahmed, **R. A. Khan** and M.A. Mesaik Anti Inflammatory Effect of Natural Honey on Bovine Thrombin-Induced Oxidative Burst in Phagocytes. *Phytother. Res.* **23**, Jan (2009) 801-808.

#### PUBLICATIONS 2008

87. A. Asif, M. K. Azim, M. A. Mesaik, Nazimuddin, **R. A. Khan**. Natural honey modulates physiological glycemic response compared to simulated honey and D-Glucose. *Journal of Food Science*. 73(7), Aug (2008) H165-H167.

#### PUBLICATIONS 2007

88. I. A. Bukhari, **R. A. Khan**, A. H. Gilani, A. J. Shah, J. Hussain and V. Ahmed. The Analgesic, Anti-inflammatory and Calcium Antagonist Potential of *Tanacetum artemisioides*. *Arch Pharm Res Vol 30(3) Mar (2007) 303-312*.
89. **R. A. Khan**, S. Sadruddin and T. Mirza. Evaluation of safety profile of herbal tea. *J. basic appl. sci.* 3 (1) Jan (2007) 49-53.

#### PUBLICATIONS 2006

90. S. Naz, **R. A. Khan**, R. Siddiqi and S. A. Sayeed. Antitussive activity directed isolation of compounds from *Onosma Hispidum*. *American Journal of Pharmacology and Toxicology*. 1(1), (2006)1-4.
91. **R. A. Khan**, S. Sadruddin, R. U. Haq and T. Mirza. Antitussive effect of herbal tea on chemical induced coughing in mice. *J. basic appl. sci.* 2 (2) Jul (2006) 79-82.
92. **R. A. Khan**, I. A. Bukahri, S. A. Nawaz and M.I. Choudhary. Acetyl- cholinesterase and Butyrylcholinesterase Inhibitory potential of some Pakistani medicinal plants. *J. basic appl. sci.* 2 (1) Jan (2006) 7-10.
93. F. Islam, **R. A. Khan**, S.M. Shamim and Talat Mirza. "Evaluation of Safety Profile of Entoban Syrup" (A Herbal Product). *Ann. Abbasi Shaheed Hospital. K & M.D. Coll.* 11 (2), (2006) 36-41.

#### PUBLICATIONS 2005

94. Anwar H. Gilani, Ishfaq A. Bukhari, **R. A. Khan**, A. Khan, Farman Ullah and Viqar U. Ahmed. Cholinomimetic and calcium channel blocking activities of *Carthamus oxycantha*. *Phytother. Res.* **19**(8), (2005) 679-683
95. **R. A. Khan**, S. Afroz, A. Ara and Z. S. Saify. Pharmacological activity of Morpholino compound *Pak. Jour. of Pharm. Sci.* **18**(3) Jul (2005) 45-49.
96. **R. A. Khan**, S. A. Siddiqui, Iqbal Azhar and S. P. Ahmed Preliminary screening of methanol and butanol extracts of *Tamarindus indica* for anti-emetic activity. *J. basic appl. sci.* **1** (2): Jul (2005) 51-54.
97. S. P. Ahmed, **R. A. Khan**, Mahay Rookh and Sadia Haider. The Effect of Ascorbic acid on glutamate induced behavioral changes. *Pakistan Journal of Pharmacology* **22**(1) Jan (2005) 47-55.
98. S. P. Ahmed, **R. A. Khan**, A. B. Rehman and Saida Haider. Effect of atypical anxiolytic drug on stress induced behavior. *J. basic appl. sci.* **1** (1) Jan (2005) 1-4.

#### PUBLICATIONS 2004

99. I. A. Bukhari, Ahsana Dar and **R. A. Khan**. Anti-nociceptive activity of methanolic extracts of St. John's Wort (*Hypericum perforatum*) Preparation. *Pak. Jour. of Pharm. Sci.* **17**(2) Jul (2004) 13-19.
100. S.P. Ahmed, A.B. Rehman, Mahay Rookh, **R. A. Khan** and S. Akhtar. Assessment of role of methylcobalamine in excitotoxic effects of glutamic acid. *Pakistan Journal of Pharmacology* **21** (1) Jan (2004) 25-29.
101. W. Ahmed, **R.A. Khan** and M. Raza, Anticonvulsant efficacy and safety profile of Nutmeg Oil of *Myristica fragrans*. *Proceeding of the 58<sup>th</sup> Annual meeting of the American Epilepsy Society. Dec 3-8, 2004, New Orleans, USA. Epilepsia 2004, 45 (Supl.7): Abstract .217.*
102. Gilani A.H., Bukhari A. I., **R. A. Khan**, Arifullah Khan, Farmanullah and Ahmed V.U. Presence of Cholinomimetic and calcium channel blocking constituents in *Carthamus*



oxycantha. *2<sup>nd</sup> International Congress on Traditional Medicine and Materia Medica Oct 4-7 (2004) Tehran, Iran.*

103. **R. A. Khan**, S.P. Ahmed, A. B. Rehman, A. Hussain and S. Haider. Assessment of Role of  $\alpha$  Tocopherol in Glutamate Induced Behavioral Changes. *Int. J. Boil., Biotech. 1(4) Oct (2004) 705-708.*
104. S.P. Ahmed, A. B. Rehman, **R. A. Khan**, Mahay Rookh and S. Haider. Role of buspirone in lithium treated rats. *Int. J. Boil., Biotech. 1(2) Apr (2004) 209-212.*

#### PUBLICATIONS 2001-2002

105. S. G. Baig, S.P. Ahmed, **R. A. Khan** and S. S. Ali. Comparative studies of Safi and Ferrous Gluconate on human volunteers. *Pakistan Journal of Pharmacology. 19 (2) Jul (2002) 1-10.*
106. S.P. Ahmed, **R. A. Khan**, B. Shayum, F. Hasan. Susceptibility of *Proteus* and *Klebsiella* to antimicrobial agents. *Pakistan Journal of Pharmacology 19 (1) Jan (2002) 1-3.*
107. A. B. Rehman, M. T. Aftab and **R. A. Khan**. A Pilot Study: Asymptomatic Hyperlipoproteinemias in Undergraduate University Students. *Pak. Jour. of Pharm. Sci. 14(2), (2001) 1-4.*

#### PUBLICATIONS 1998

108. **R. A. Khan**, H. Rasheed, Z. S. Saify, A. B. Rehman. Analgesic activity of newly Synthesized Piperidinium derivatives in Mice. *Hamdard Medicus XLI, 4(1998) 53-55*
109. **R. A. Khan**, H. Rasheed, Z. S. Saify, A. B. Rehman. New type of piperidine derivative for analgesic activity. *Hamdard Medicus XLI, 1 (1998) 55-57.*

#### PUBLICATIONS 1997

110. **R. A. Khan**, H .Rasheed, Z. S. Saify, A. B. Rehman, M. Arif. Pharmacological evaluation of newly synthesized piperidinium derivatives for their analgesic activity. *Pak. Jour. of Pharm. Sci.* **10** (1997) 17-20.
111. **R. A. Khan**, H .Rasheed, Z. S. Saify, A.B. Rehman. Screening of newly synthesized Piperidinium derivatives for analgesic activity. *Hamdard Medicus XL*, **3** (1997) 10-13.
112. S. Afroz, S.P. Ahmed, **R. A. Khan**, A. Ara, S. Haider, D. J. Haleem. Potential effects of Zuclopenthixol. *Proceedings of Second International Conference of Pharmaceutical Science 2 to 5 Jan (1997)* 115-118.
113. **R. A. Khan**. H. Rasheed, Z. S. Saify, A. B. Rehman, M. Arif. Pharmacological assessment of newly synthesized piperidinium derivatives for their analgesic activity. *Proceedings of Second International Conference of Pharmaceutical Science 2 to 5 Jan (1997)* 79-83.

#### PUBLICATIONS 1986-1996

114. **R. A. Khan**, F. Ahmed, S. Rashid. Pharmacological evaluation of medicinal plants for their analgesic activity in mice. *Medical Journal of the Islamic Republic of Iran.* **10** (1996) 149-152.
115. **R. A. Khan**, F. Ahmed, S. Rashid. Pharmacological evaluation of methanolic Extracts of *Semecarpus anacardium* and *Tinospora cordifolia* for their Analgesic activity. *Pakistan Journal of Pharmacology* **12** (1995) 33-37.
116. **R. A. Khan**, F. Ahmed and S. Rashid. Preliminary Screening of methanolic extracts of *Celastrus paniculatus* and *Tecomella undalata* for analgesic and Anti- inflammatory activities. *Journal of Ethno pharmacology.* **42** (1994)193-198.
117. **R. A. Khan**, M. T. Aftab, S. Rashid and A. B. Rehman. A randomized assessment of some vital parameters in Pakistani youth. *The Singapore family physician.* **3** (1994) 155-158.

118. **R. A. Khan**, F .Ahmed and S. Rashid. Pharmacological evaluation of methanolic extracts of *Semecarpus Anacardium* and *Tinospora cordiofolia* for their Anti-inflammatory activity. *Jurnal Perubatan UKM*, 15 (1993) 125-132.
119. **R. A .Khan**, F .Ahmed and S. Rashid. Study of analgesic and anti-inflammatory activity from plant extracts of *lactuca Scariola* and *Artemisia Absinthium* *J. Islamic. Acad. Sci.* 5(1992) 111-114.
120. **R. A. Khan**, F. Ahmed and S. Rashid. Pharmacological evaluation of methanol extracts of Medicinal Plants for their anti-inflammatory activity in rats. *Proceedings of First International Conference of Pharmaceutical Science 18 to 21 Jan. (1992)* 125-130.
121. **R. A. Khan** and S.P. Ahmed. Studies on the effects of antipsychotics on rabbit brain bio amines. *Pakistan Journal of Pharmacology*. 3 (1986) 33-41.