



CURRICULUM VITAE

Dr. Muhammad Akram (Associate Professor)

Chairperson, Department of Eastern Medicine, Directorate of Medical Sciences, Faculty of Life Sciences, Government College University Faisalabad-Pakistan

Ex-Chairman, Department of Eastern Medicine, Faculty of Medical & Health Sciences, University of Poonch, Rawalakot Azad Kashmir, Pakistan.

Coordinator, M. Phil and PhD in Eastern Medicine, Directorate of Medical and Health Sciences, Government College University Faisalabad, Pakistan

CORRESPONDENCE DETAILS

Contact Address: Department of Eastern Medicine, Directorate of Medical Sciences, Faculty of Science and Technology, Government College University Faisalabad.

Permanent Address: Moza Nothain, Post office Chak Mubarak, Thana Bhera, Tehsil Bhalwal, District Sargodha

Tel: Off: 0092-042-9200127; Res: (Mobile) 0092-0334-3367632; 0092-345-2888394; 0092-0305-2049573

WhatsApp: +92-3452888394, IMO: +92-3452888394, Skype: hucon2008,

Facebook: makram_0451@hotmail.com

Google scholar: muhammadakram@gcuf.edu.pk

Researchgate: makram_0451@hotmail.com

Researcher ID:A-5679-2018

ORCID:0000-0001-7863-8803

E-mail: makram_0451@yahoo.com ; makram_0451@hotmail.com

PERSONAL INFORMATION

Name: Muhammad Akram

Father Name: Muhammad Khan

Date of Birth: February 12, 1980

Domicile: Sargodha, Punjab, Pakistan

Religion: Islam

National Identity Card No:42201-4270587-9

Qualification: B.E.M.S, M. Phil, Ph.D

Area of Specialization: Eastern Medicine (Xanthine Oxidase Inhibition by Plants Extract and Clinical Efficacy of Herbal Formulation in Gouty Arthritis)

Carrier Objective

My objective is to be a part of an organization, which values merits, research skills, respects hard work and which can utilize my qualification and abilities for the mutual growth. And to remain embarked on the challenging field of eastern medicine where experience can be leveraged, knowledge and skills can be enhanced and humanity can be served in best possible way.

LANGUAGES LEARNT

English (Advanced, written and spoken), Urdu, Punjabi (Mother tongue)

1. *Appreciation Certificate* of Top performance and virtuous participants in English language Program 2010 from Ferozi Collegiate Crossing Karachi

2. *English Language Course Certificate* of 120 hours duration from Computer and Language Academy Gulshan Iqbal Karachi

RESEARCH INTEREST:

Hyperuricemia, Xanthine oxidase inhibition by some selected medicinal plants, Enzyme Inhibition, Study of traditional system medicine (Indusynic Medicine) Phytochemistry, and poisonous plants. Bioactivity and phytopharmaceutical evaluation of herb drugs and their natural products, Medicinal plants and Clinical trial, Biochemistry, Bioinformatics

CODE WORDS OF FIELD OF SPECIALIZATION:

Eastern Medicine, Ethnomedicine, Unani Medicine, Alternative System of Medicine, Complementary Medicine, Indusynic Medicine, Phytotherapy, Pharmacognosy, Traditional Medicine, Medicinal plants, Phytopharmacology, Natural Products, Herbal Drugs, Drug Analysis, Phytochemistry, Poisonous plants, Bioactivity, Extraction and Isolation and clinical trials on Unani formulations.

HAND-ON EXPERTISE:

- Medical equipment's
- Clinical practices and protocols
- Familiarity with all laboratory equipment (Microscope, pH meter, Soxhlet Extractor, Rotary evaporator, preparative HPLC, Chromatography instruments, Spectrophotometer, Autoclave, Microbiological Incubator, Quebec colony counter)

ACADEMIC RECORDS

| Degree | Name of College/School | <u>University/Board</u> | <u>Year of Passing</u> | <u>Positions/ Distinction</u> |
|---|---|-------------------------------------|-------------------------------|--|
| Ph.D (Eastern Medicine) | Hamdard Al-Majeed College of Eastern Medicine | Hamdard University Karachi-Pakistan | 2013 | Highest Marks in PhD Batch 2010-2013 |
| M.Phil (Eastern Medicine) | Hamdard Al-Majeed College of Eastern Medicine | Hamdard University Karachi-Pakistan | 2010 | First Position |
| BEMS (Bachelor of Eastern Medicine and Surgery) | Hamdard Al-Majeed College of Eastern Medicine | Hamdard University Karachi-Pakistan | 2005 | First Position in first Professional 2001-2002 |
| | | | | Second Position 2 nd Professional 2002-2003 |
| | | | | Second Position in 3 rd Professional 2003-2004 |
| | | | | Second Position in Final Professional 2004-2005 |
| FSC | Government | Board of Intermediate | 1999 | - |

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|--------------------------------|-------------------------------------|---|------|---|
| (Pre-Medical) | College Sargodha | and Secondary Education, Sargodha | | |
| Metric (Pre-Medical) | Government High School Chak Mubarak | Board of Intermediate and Secondary Education, Sargodha | 1996 | First Position in High School Chak Mubarak |

Academic Distinctions

- Initiation and establishment of M. Phil Program in 2013 in Department of Eastern Medicine in University of Poonch Rawalakot
- Enlisted in Directory of productive scientist of Pakistan (PSP) 2017
- Secured 3.99 grand score for research productivity award (RPA) 2017
- Abstract Published in 13 National and International Conferences
- Best abstract award for paper entitled “Effects of medicinal plants on Alzheimer’s disease and memory deficit” in International Neural Regeneration Symposium 2016, Yinchuan, China.
- One poster presented in National Conference
- Two M. Phil thesis evaluated of students from HEC recognized Universities
- Four Research Papers presented in International Conferences
- Five Research Papers presented in National Conferences
- Participated in 21 Seminars/ Conferences/Symposiums/CME
- Secured annual increment @ Rs. 7150/- on the recommendation of the evaluation committee in 2015
- Secured annual increment @ Rs. 8937/- on the recommendation of the evaluation committee and with the approval of Syndicate and Senate

Work Experience (14 Years 2 Months)

| S. No | Name of Organization | Designation | Period | Work Experience |
|-------|--|---------------------------------|--|--|
| 1 | Department of Eastern Medicine, Government College University Faisalabad | Associate Professor | 12/12/2018 to present | 12/12/2018 to till date |
| 2 | Department of Eastern Medicine, Government College University Faisalabad | Assistant Professor | 03/04/2017 to 12/12/2018 | 1 year and 8 month and 9 days |
| 3 | Department of Eastern Medicine, The University of Poonch Rawalakot, Azad Jammu & Kashmir Department of Eastern Medicine, The University of Poonch Rawalakot, Azad Jammu & Kashmir | Assistant Professor Chairman | 19/03/2014 to 03/04/2017 29/09/2014 to 03/04/2017 | 3 Years and 16 days 2 Years 6 months and 4 days |
| 4 | Department of Eastern Medicine, The University of Poonch | Lecturer | 19/03/2012 to 18/03/2014 | 2 years |

| | | | | |
|---|---|----------|--------------------------|-------------------------------|
| | Rawalakot, Azad Jammu & Kashmir | | | |
| 5 | Faculty of Eastern Medicine, Hamdard University Karachi | Lecturer | 13/02/2006 to 19/03/2012 | 6 Years, one month and 6 days |

COURSES TAUGHT FROM 2006 TILL DATE

Biochemistry

Bioinformatics

Microbiology and Parasitology

General Pathology

Clinical diagnostics

Surgery

COURSES TAUGHT TO M. PHIL

Rational Phytotherapy

Basic Therapeutics

Internal Medicine

Advance Therapeutics

PROFESSIONAL STATUS

Registered Tabib (Registration # QBH-111) with National Council for Tibb, Pakistan

ADMINISTRATIVE RESPONSIBILITIES AND EXPERIENCES

Chairman, Department of Eastern Medicine and Surgery, University of Poonch, Rawalakot Azad Kashmir 2015-2017.

House Officer at Shifa Ul- Mulk Memorial Hospital, Hamdard University, Karachi 2005 - 06

R. M.O in Shifa Ul- Mulk Memorial Hospital, Hamdard University, Karachi 2006-08

Member of National Curriculum Revision Committee for Bachelor of Eastern Medicine and Surgery, Higher Education Commission, Islamabad-Pakistan

Member, Board of Faculty, Faculty of Medical and Health Sciences, University of Poonch, Rawalakot Azad Kashmir

Member Board of Studies, Department of Eastern Medicine and Surgery, University of Poonch, Rawalakot, Azad Jammu and Kashmir

Member Board of Studies, Department of Eastern Medicine, Directorate of Medical Sciences, Government College University Faisalabad

Associate Editor, Pakistan Journal of Medical and Biological Sciences, Government College University Faisalabad 2017 till date

Coordinator for Post-Graduation Program at University of Poonch Rawalakot Azad Kashmir

Memorandum of Understanding

Focal person for Memorandum of Understanding between Hamdard University Karachi and University of Poonch, Rawalakot Azad Kashmir

Memorandum of Understanding for Research Cooperation between Jinnah University for Women, Karachi and Islamia University Bahawalpur; **Government College University Faisalabad**; University Of Karachi; Islamic International University Islamabad, Pakistan, Linked To South-Central University for Nationalities (Scun), Wuhan, Hubei, China to Promote The Development Of Cooperation In The Fields of Education and Research

Community Services

Establishment of Medical Dispensary in Medical Center at University of Poonch, Rawalakot for provision of free medical facility to teachers, staff and surrounding villages

Computer Skills Certificates

3 Months course of MS Word, MS. Power Point and MS Excel from Computer and Language Academy Gulshan Iqbal Karachi

3 months course of Internet, Windows XP, 2000, MS Office and Typing from Collegiate Korangi Crossing Karachi.

6 months course of Print Media Graphics (Corel Draw), Photoshop, In Page from Collegiate Korangi Crossing Karachi.

Appreciation Certificate

Certificate of Appreciation presented in recognition of effort as Associate Editor in Publication of Pakistan Journal of Medical and Biological Sciences (PJMBBS) Published at Directorate of Medical Sciences, Government College University Faisalabad-Pakistan

Fellowship/Member of professional bodies

- **General Secretary** Pakistan Association for Eastern Medicine
- **Life Time Member** of Pakistan Tibbi Conference
- **Member** of National Council for Tibb
- **Member** of Editorial Board of SciFed Journal of Otolaryngology

- **Member** of Editorial Board of Global Journal of Otolaryngology
- **Member of** Editorial Board of Medical Research and Clinical Case Reports
- **Member** of Editorial Board of Frontiers in Medicine and Health Research
- **Member** of Editorial Board of International Journal of Rhinology and Otolaryngology
- **Member** of Institute of Research Promotion (IRP) Innovators Club, Lahore, Membership ID: IIC1663
- **Member** of the editorial council of the Publishing House of International Mariinskaya Academy n.a. M.D. Shapovalenko
- **Member** of the Editorial Board of Journal of Data Mining and Bioinformatics
- **Member** of the Editorial Board of Annals of Internal and Emergency Medicine
- **Member** of the editorial board of the scientific journal "Mariinskaya Academy
- **Member** of HEC National Curriculum Revision Committee for BEMS Curriculum
- **Member** of Board of Studies for Department of Eastern Medicine, Government College University Faisalabad
- **Member** of Editorial Board of International Journal of Life Sciences and Pharma Research
- **Member** of Editorial Board of International Journal of Hematology and Blood Disorders
- **Member** of Board of Faculty for Department of Eastern Medicine, The University of Poonch, Rawalakot, Azad Jammu and Kashmir- Pakistan
- **Member** of Advance Studies and Research, The University of Poonch, Rawalakot, Azad Jammu and Kashmir-Pakistan.
- **Member** of Editorial Board of American Journal of Biomedical Science & Research
- **Member** of Editorial Board of Accident Anaesthetic and Critical care Open Access Open Journal (AACCOAOJ)
- **Member** of Editorial Board of Journal of Nutrition Education and Behavior Impact Factor 2.571
- **Member** of Editorial Board of International open Journal of Medical and Health Science
- **Member** of Editorial board of Journal of Basic and Clinical Reproductive Sciences
- **Member** of Editorial Board of Acta Scientific Microbiology
- **Member** of Editorial Board of Immune & Autoimmune Disorders Journal (IADJ)
- **Member** of British Council for Complementary Therapies
- **Member** of Editorial Board of Journal Of Ophthalmology And Vision Research

- Member of Editorial Board of SciFed Journal Of Ophthalmology
- Member of Editorial Board of Pharmacology and Pharmacovigilance
- Member of Editorial Board of Education Research Journal
- Member of Editorial Board of Bulletin of Clinical Immunology
- Member of China Association for Chinese Medicine, Hunan University of Chinese Medicine.
- Member of International Journal of Scientific Research in Science, Engineering and Technology
- Member of Editorial Board of Annals of Blood Cancer\
- Member of Journal of Agricultural Science and Technology A & Journal of Agricultural Science and Technology B.
- Member of Editorial Board of Liamther Advanced Research Journals of Medicine and Medical Sciences(LARJMMS
- Member of Editorial Board of Research International Journal of Plant Science and Ecology
- Member of Editorial Board of Journal of Pharmacology and Clinical Trials
- Reviewer of Health Economics Review (Impact Factor: 1.451)
- Reviewer of Journal of Medical Virology Willey (Impact factor:2.049)
- Reviewer of Journal of Medical Virology Willey (Impact factor:2.049)
- Reviewer of Journal of Medical Virology Willey (Impact factor:2.049)
- Reviewer of African Development Review (Impact factor:1.054)
- Reviewer of Pakistan Journal of Pharmaceutical Sciences (Impact Factor: 0.684)
- Reviewer of Journal of Plant Biochemistry and Biotechnology (Impact Factor: 0.774)
- Reviewer of Journal of Cancer Research and Clinical Oncology(Impact Factor: 3.282)
- Reviewer of Journal of Horticulture and Forestry
- Editor of Asian Journal of Research in Surgery
- Editor of Ciencia Ecuador Journal
- Editor of Journal of Clinical Pulmonology
- Editor of BAOJ Cancer Research & Therapy journal.
- Member of Editorial Board of Direct Research Journal of Health and Pharmacology
- Member of Editorial Board of Biocell (Tech Science Press)

- **Member** of Open Access Journal of Biogeneric Science and Research (BGSR).
- **Member** of Editorial Board of Research and Report of Medicine
- **Member** of Editorial Board of Journal of Renal Nutrition
- **Member** of International Journal of Pharmacognosy & Chinese Medicine (IPCM)
- **Member** of Editorial Board of African British Journal
- **Member** of Journal of the American Society of Echocardiography
- **Member** of Editorial Board of Scholastic Journal of Educational Research and Reviews
- **Member** of Editorial Board of SunKrist Public Health and Research Journal
- **Reviewer** of British Microbiological Research Journal
- **Member** of Editorial Board of Endocrinology & Metabolism International Journal
- **Member** of Editorial Board of Open Access Journal of Endocrinology (ISSN: 2578-4641)
- **Member** of Journal of Medical Research and Case Reports
- **Member** of Editorial Board of GMJ Medicine
- **Member** of Editorial Board of Juniper Online Journal of Public Health (JOJPH)
- **Member** of Editorial Board of Journal of Online Medicine and Biology
- **Member** of Editorial Board of Liamther Advanced Research Journal of Medicine and Medical Science
- **Member** of Editorial Board of Advanced Research Journal of Medical Sciences
- **Member** of Editorial Board of Madridge Journal of Diabetes-(MJD-ISSN - 2639-0337)
- **Editor** of Annals of Medical and Clinical Oncology
- **Member** of Editorial Board of Advanced Research in Biochemistry
- **Member** of Editorial Board of Clinical Journal of Diabetes Care and Control (CJDCC)
- **Member** of Editorial Board of Henry Journal of Acupuncture & Traditional Medicine
- **Member** of Editorial Board of Henry Journal of Clinical, Experimental and Cosmetic Dermatology
- **Member** of Editorial Board of International Journal of Experimental Biology
- **Member** of Editorial Board of Dermatology and Cosmetics
- **Member** of Editorial Board of Journal of Surgical Science and Operative Care
- **Member** of Editorial Board of Journal of Applied Pharmaceutical Science
- **Member** of Editorial Board of Journal of Applied Biology & Biotechnology
- **Member** of British Journal of Pharmaceutical Research

- **Member** of Editorial Board of Journal of Experimental and Integrative Medicine
- **Member** of Editorial Board of Archives of Gastroenterology and Hepatology Research
- **Member** of Journal of Diabetes, Endocrinology and Metabolic disorders
- **Member** of Global Advanced Research Journal of Microbiology
- **Member** of Editorial Board of African Journal of Biology and Medical Research
- **Member** of Editorial Board of Advances in BioResearch
- **Member** of Mathews Journal of Pharmaceutical Science
- Member of Editorial Board of MOJ Gerontology & Geriatrics
- **Reviewer** of Journal of Advances in Medical and Pharmaceutical Sciences
- **Reviewer** of Journal of Food Processing and Preservation (**Impact factor:1.51**)
- **Member** of Archives of Diabetes & Obesity (ADO)
- **Member** of Editorial Board of International Journal of Medical Science in Clinical Research and Review
- **Member** of World Journal of Clinical Pharmacology, Microbiology and Toxicology
- **Member** of World Journal of Pharmacy and Pharmaceutical Sciences
- **Member** of International Journal of Medical Science and Dental Research
- **Reviewer** of European Journal of Medicinal Plants
- **Reviewer** of Journal of Pain and Symptom Management (**Impact factor:3.249**)
- **Member** of Editorial Board of Chronicles of Complementary, Alternative & Integrative Medicine
- **Member** of Editorial Board of Medical Imaging and Radiation Sciences
- **Member** of Editorial Board of Journal of Otolaryngology - Head and Neck Diseases
- **Member** of Editorial Board of Acta Scientific
- **Member** of Editorial Board of Journal of Pharmacy and Drug Development
- **Member** of Editorial Board of Science Web Publication
- **Member** of Editorial Board of Science Observer
- **Member** of Editorial Board of Journal of Health and Medical Research
- **Member** of Editorial Board of Clinical Microbiology and Infectious Diseases
- **Member** of Editorial Board of BAOJ Cancer Research & Therapy
- **Member** of Editorial Board of Annals of Cell and Developmental Biology
- **Reviewer** of International Journal of Tropical Disease and Health

- Member of Journal of Medicinal Plant and Herbal Therapy Research
- Reviewer of Journal of Public Health and Epidemiology
- Member of Gastroenterology and Hepatology Research
- Member of Editorial Board of Coronavirus (Bentham Science)
- Member of Journal of Coronary Heart Diseases
- Member of Advanced Research in Biochemistry
- Member of International Journal of Thyroid Disorders and Therapy
- Member of Editorial Board of Archives in Biomedical Engineering & Biotechnology
- Member of Biochemistry and Modern Applications (ISSN: 2638-7735)
- Member of Editorial Board of Cosmetology
- Member of Editorial Board of Anti-infective Agents
- Reviewer of British Journal of Medicine and Medical Research
- Member of Scholastic Journal of Engineering, Technology and Innovations
- Member of Editorial Board of Journal of Vaccines Research and Vaccination
- Member of Editorial Board of Vaccines & Vaccination Open Access (VVOA)
- Member of Editorial Board of Open Access Journal of Biomedical Engineering and Biosciences
- Member of Editorial Board of The Open Biology Journal
- Member of Journal of Dermatology & Cosmetology
- Member of Editorial Board of Social Science & Humanities International
- Reviewer of International Immunopharmacology Elsevier (Impact Factor: 2.956)
- **Member of Editorial Board of Member of HSOA Advances in Microbiology Research**
- **Member of Editorial Board of International Journal of Advanced Research and Recent Trends (JARET)**
- Member of Diagnosis and Therapies: Complementary and Traditional Medicine Journal
- Member of International Journal of Biomolecules and Biomedicines
- Member of Academia Journal of Medicinal Plants
- Reviewer of Biomedicine and Pharmacotherapy Elsevier (Impact Factor: 2.759)
- Member of Journal of Biological Diversity
- Reviewer of Scientia Horticulturae Elsevier (Impact Factor: 1.624)
- Member of Global Advanced Research Journal of Medicine and Medical Sciences
- Reviewer Journal of Plant Physiology and Biochemistry Elsevier (Impact Factor: 2.7)
- Reviewer of Respiratory Medicine Elsevier (Impact Factor: 3.217)

ACADEMIC HONOURS

- **A-One** Grade in Metric
- **Merit** Scholarship in F.Sc
- **Merit** Scholarship in B.E.M.S
- **First Position** in first Professional B.E.M.S Examination 2000-2002
- **Second Position** in Second Professional B.E.M.S Examination 2002-2003
- **Second Position** in Third Professional B.E.M.S Examination 2003-2004
- **Second Position** in Fourth Professional B.E.M.S Examination 2004-2005
- **First Position** in M.Phil Course work 2008-2009
- **A. Grade in first Semester** Ph.D Course work 2010
- **A. Grade in 2nd Semester** Ph.D Course work 2010
- **Approved Research Supervisor** for Ph.D. degree by the Higher Education Commission, Islamabad, Pakistan

THESES DISSERTATION

Ph.D THESES TITLES

Clinical efficacy of herbal coded Medicine Gouticin in gouty arthritis and *in vitro* xanthine oxidase inhibition, 2013

Pakistan Country Directory (PCD)/Serial No: 1413

M.PHIL: THESIS TITLE

Clinical Evaluation of Herbal Medicine for Hyperuricemia, Hamdard University, 2010

PAPER PRESENTATION

International

1. Phytochemical Evaluation and *In-Vivo* Antipyretic Activity of Selected Indigenous Plants from Azad Jammu Kashmir, presented in International Seminar on “Expanding Eastern Medicine for Health of All” organized by BEMS Medical Association in collaboration with Faculty of Pharmacy, Bahauddin Zakariya University, Multan Pakistan, held on November 10, 2016 at Auditorium of Institute of Management Sciences, Bahauddin Zakariya University, Multan Pakistan.

2. Diabetes mellitus: Treatment strategies and options presented in 5th International Conference on Agriculture, Food Security, Climate Change, September, 9-11, 2014, held at University of Poonch, Rawalakot, Azad Kashmir, Pakistan

3. International Conference of Biochemistry, Biotechnology and Biometrics entitled “Biochemistry for better food, health and environment in the developing world” organized by Department of Biochemistry, University of Agriculture, Faisalabad- Pakistan held on February 22-24, 2016.

4. Prevalence of hyperuricemia and ethnobotanical survey of medicinal plants used to treat gouty arthritis in Rawalakot, Azad Kashmir presented in 2nd International Seminar entitled “strengthening health care with eastern medicine for growth and development of socioeconomic environment” held on 2nd May, 2017 in Islamic International University Islamabad.

National

1. Phytochemical analysis and diuretic potential of the hydro-alcoholic extracts of *Raphanus sativus*, *Foeniculum vulgare* and *Corriander sativum* in Swiss albino mice presented in one day Seminar entitled “Economy Based Innovation in Eastern Medicine” organized by University College of Conventional Medicine, The Islamia University of Bahawalpur in collaboration with BEMS Medical Association (BMA) Pakistan held on Wednesday, 20th December 2017 at Ghotvi Hall Islamia University of Bahawalapur.

2. Antihyperglycemic activity of *Gymnema sylvestre* in alloxan induced diabetic mice presented in Unani Medicine in Modern Scientific Perspectives organized by Pakistan Association for Eastern Medicine, Hamdard University Karachi, in collaboration with Department of Eastern Medicine, University of Poonch, Rawalakot, AJ & K, May 4, 2015, held at University of Poonch, Rawalakot, Azad Kashmir, Pakistan

3. Two days National Conference on “ Applied Aspects of Pharmaceutical Sciences in Patient Care” organized by Faculty of Medical and Health Sciences, University of Poonch, Rawalakot, AJ& J in collaboration with Higher Education Commission, Pakistan held on, June 18th – 19th, 2014 at University of Poonch, Pakistan

4. Clinical Efficacy of Herbal Coded Formulation Gouticin for treatment of Gouty Arthritis and in vitro xanthine oxidase inhibition, presented in the 2nd National Conference on Future Prospects and Challenges for Natural Medicine in Pakistan, organized by University College of Conventional Medicine in collaboration with Higher Education Commission, Pakistan held on, May 03-04, 2013 at Bahawalpur, Pakistan

5. Two days National Conference on “ Research and Education of Eastern Medicine in Pakistan; Future Prospects & Challenges” organized by Faculty of Medical and Health Sciences, University of Poonch, Rawalakot, AJ& J in collaboration with Higher Education Commission, Pakistan held on, October 09th -10th, 2013 at University of Poonch, Pakistan

POSTER PRESENTATION

Antihyperglycemic Activity of Some Medicinal Plants in Allaxon Induced Diabetic Mice presented in 7th Annual Research Day Poster Competition, 2016 organized by Office of Research, Innovation & Commercialization (ORICE), Department of Research, Held on Saturday, February 27, 2016 at Dow University of Health Sciences, Karachi.

ORGANIZER OF SEMINARS/SYMPOSIUM/CME/CEREMONY

- One Day Awareness Seminar on Dengue Fever organized by Department of Eastern Medicine, Directorate of Medical Sciences, October 3, 2019, Government College University Faisalabad-Pakistan
- One Day Working on Biosafety and Hazards organized by College of Allied Health Professionals Government College University Faisalabad in Collaboration with Pakistan Biological Safety Association (PBSA) ON November 28th, 2019.

ORGANIZER OF EXTRA-CURRICULAR ACTIVITIES

- Annual Supports Gala, organized by College of Allied Health Professionals Government College University Faisalabad, 2019

PARTICIPATION IN SEMINARS/SYMPOSIUM/CME/CEREMONY

1. 1st National Conference on “Sustainable Tourism Development in Azad Jammu and Kashmir, Potential and Challenges” organized by Cultural Heritage Resource and The University of Poonch, Rawalakot, held on November, 10-11, 2016 at University of Poonch, Rawalakot, Azad Jammu and Kashmir, Pakistan, sponsored by Conciliation Resources, UK.
2. Two days 2nd Annual Symposium on Improving Medical Practice and Education organized by Poonch Medical College Rawalakot, Azad Jammu and Kashmir, held on 1st and 2nd October, 2016 at Poonch Medical College Rawalakot.
3. Multidisciplinary CME organized by Pakistan Islamic Medical Association, Department of Continued Medical/Dental Education, held on June 3, 2016 at Hill Top Hotel Rawalakot, Azad Kashmir
4. Multidisciplinary CME organized by Pakistan Islamic Medical Association, Department of Continued Medical/Dental Education, held on March 25, 2016 at Hill Top Hotel Rawalakot, Azad Kashmir

- 5.** ISESCO Women in Science Conference: Contribution of Pakistani Women in Scientific and Social Development organized by ISESCO Women in Science Chair, held on March 8, 2016 at Quaid-i-Azam University, Islamabad, Pakistan
- 6.** A scientific and public awareness symposium on cardiovascular disease entitled “Healthy Heart Health Life: A New Era of our Generation” organized by the United States Educational Foundation in Pakistan, held from 30-31 December 2015 at Dow University of Health Sciences, Ojha Campus, Karachi.
- 7.** First Annual Symposium on Scope of Integrated Modular Teaching in Medical Education organized by Poonch Medical College Rawalakot held from 11th September to 13th September 2015.
- 8.** Hamdard International Integrative Medicine Conference on Expanding the Horizon of Integrative Medicine held from 24-26 November 2008.
- 9.** Enhancing quality and productivity through interview and presentation skills organized by the National Productivity Organization in collaboration with PNAC and Hamdard University on June 21, 2007 at Auditorium of Hamdard University Karachi.
- 10.** Symposium on Health challenges in Modern Era organized by Hamdard College of Medicine and Dentistry, Hamdard University, held on 14-16, 2007
- 11.** Symposium on Health and Education: Need of the Nation organized by Bahria University Medical and Dental College on February 4-6, 2011, at Bahria Auditorium Karachi Pakistan
- 12.** Symposium on Modern Health challenges and Eastern Medicine organized by Pakistan Association of Eastern Medicine on March 12, 2011 at Mira Auditorium Hyderabad
- 13.** Symposium on Health and Education: Need of the Nation organized by Bahria University Medical and Dental College on February 4-6, 2011, at Bahria Auditorium Karachi Pakistan
- 14.** One day seminar on “Depression Needs Attention” organized by Department of Pharmacy, Faculty of Medical and Health Sciences, The University of Poonch, Rawalakot, Azad Jammu and Kashmir, held on August 22nd 2017.
- 15.** National Science Conference on Agriculture and Food security issues in Global Environmental Perspectives, Faculty of Agriculture, The University of Poonch Rawalakot, Azad Jammu and Kashmir, held on 11th to 13th July 2012
- 16.** Clinical Evaluation of Herbal Medicine for Hyperuricemia presented in seminar on Progress of Unani Medicine with Science and Technology organized by Pakistan Association for Eastern Medicine on March 14, 2010 at Per Continent Hotel, Sargodha on March 14, 2010.
- 17.** Holistic Management of sexual and reproductive health issues organized by Aahung Training of Trainers held on from 17th to 20th of June 2008 at Faculty of Eastern Medicine Hamdard University Karachi.

- 18.** *Appreciation Certificate* on participating organizing 2nd International Seminar entitled “strengthening health care with eastern medicine for growth and development of socioeconomic environment” held on 2nd May, 2017 in Islamic International University Islamabad.
- 19.** Seminar on “Research and Development Strategies and Applications in Pharmaceuticals” organized by Hamdard University, Karachi., under the auspices of Federal Ministry of Health (Research and Development) Government of Pakistan held on Thursday, June 10, 2010 at Hamdard University Karachi.
- 20.** Awareness Seminar on Breast Cancer, organized by College of Allied Health Professionals, Directorate of Medical Sciences, held on October 25th 2017 at Iqbal Hall Government College University Faisalabad-Pakistan.
- 21.** World Orthotics and Prosthetics Day organized by Department of Orthotics and Prosthetics, Directorate of Medical Sciences, held on January 17, 2018 at Iqbal Hall Government College University Faisalabad.
- 22.** Appreciation certificate for participation in Oath Taking Ceremony held on 6th November 2017, Government College University Faisalabad-Pakistan
- 23.** 2nd International Conference on Materials Science and NanoTechnology 2018 (MSNano-18) organized by Department of Physics held on February 19-20, 2018 at Government College University Faisalabad.
- 24.** "Application of Ionizing Radiations in Everyday life, Radiation Hazards and Means of Protection" held on 27th April 2016 organized by College of Allied Health Professionals, Directorate of Medical Sciences, Government College University Faisalabad
- 25.** Certificate of Appreciation for participation in Oath Taking Ceremony held on 14-November, 2018 organized by Directorate of Medical Sciences, Government College University Faisalabad-Pakistan
- 26.** Awareness Seminar on breast cancer held on October 18, 2018 organized by Directorate of Medical Sciences, Government College University Faisalabad-Pakistan
- 27.** One Day Awareness Seminar on Dengue Fever organized by Department of Eastern Medicine, Directorate of Medical Sciences, October 3, 2019, Government College University Faisalabad-Pakistan
- 28.** Awareness Seminar on Breast Cancer organized by Directorate of Medical Sciences, October, 15, 2019, Government College University Faisalabad-Pakistan
- 29.** Two days 2nd International Conference on Applied Zoology (ICAZ-2019) organized by Department of Zoology, Government College University Faisalabad held on 19-20 December 2019.
- 30.** One day Seminar on World Orthotics and Prosthetics Day organized by Department of Orthotics and Prosthetics, Society of Prosthetics and Orthotics, Directorate of Medical Sciences, Government College University Faisalabad held on January 24, 2020.

31. One day Symposium on Modern Trends in Physics organized by Department of Physics, Government College University Faisalabad held on December, 9th 2019.

32. Awareness Seminar on Corona Virus by Directorate of Medical Sciences, Government College University Faisalabad held on February 26, 2020.

Professional Training/ Workshops

1. Two days workshop on “Innovation in teaching and research” organized by National Council for Tibb in collaboration with Academy of Sciences and Pakistan Tibbi Conference held on 17-18 November, 2016 at Academy of Sciences Auditorium Islamabad, Pakistan.

2. Two days workshop on Qualitative Research Methodology and Data Analysis by Using NVIVO 11 Plus held on October 20-21, 2016 at Institute of Research Promotion, Lahore

3. Two days workshop on State of the art techniques in taxidermy held from 27-28 october, 2016 organized by Department of Zoology, Faculty of Basic and Applied Sciences, The University of Poonch, Rawalakot, AJ & K.

4. Pre-symposium workshop on “Primary Trauma Care organized by Poonch Medical College Rawalakot, Azad Jammu and Kashmir, held on 30th September 2016 at Poonch Medical College Rawalakot.

5. Pre-symposium workshop on “evaluation of psychomotor domain” OSCE and OSCE formulation organized by Poonch Medical College Rawalakot, Azad Jammu and Kashmir, held on 30th September 2016 at Poonch Medical College Rawalakot.

6. Two days Workshop on Advanced Quantitative Analysis through SPSS and AMOS organized by Research Innovation Club, held on September 01-02, 2016 at Institute of Research Promotion, Suite # 11, 7th Floor, Central Plaza, Barkat Market, Garden Town, Lahore-Pakistan.

7. Two days Workshop on Reference Management Using EndNote Software organized by Research Innovation Club, held on June 22-23, 2016 at Institute of Research Promotion, Suite # 11, 7th Floor, Central Plaza, Barkat Market, Garden Town, Lahore-Pakistan.

8. Workshop on Time Management organized by Research Innovation Club, held on April 21, 2016 at Institute of Research Promotion, Suite # 11, 7th Floor, Central Plaza, Barkat Market, Garden Town, Lahore-Pakistan.

9. Two days Workshop on Research Proposal and Thesis Writing organized by Research Innovation Club, held on April 08-09, 2016 at Institute of Research Promotion, Suite # 11, 7th Floor, Central Plaza, Barkat Market, Garden Town, Lahore-Pakistan.

10. National Training workshop for practitioners, educators and manufacturer of Unani system of Medicine, organized by National Council for Tibb, held on 7th April, 2016 at Pakistan Academy of Sciences, 3- Constitution Avenue, G-5/2, Islamabad

11. Workshop on automatic citation management techniques using endnote software organized by Research Innovation Club, held on March 22, 2016 at Institute of Research Promotion, Suite # 11, 7th Floor, Central Plaza, Barkat Market, Garden Town, Lahore-Pakistan.

12. On-line workshop on Informatics for writing manuscripts, organized by Research Innovation Club, held on February 04, 2016 at Institute of Research Promotion, Suite # 11, 7th Floor, Central Plaza, Barkat Market, Garden Town, Lahore-Pakistan.

13. Online workshop entitled Innovation for Venture Creation, organized by Research Innovation Club, held on February 11, 2016 at Institute of Research Promotion, Suite # 11, 7th Floor, Central Plaza, Barkat Market, Garden Town, Lahore-Pakistan.

14. On-line workshop entitled Mixed Method Strategies, organized by Research Innovation Club, Lahore, Held on February 4, 2016 at Institute of Research Promotion, Suite # 11, 7th Floor, Central Plaza, Barkat Market, Garden Town, Lahore-Pakistan.

15. Online workshop entitled Counterproductive beliefs, How thought patterns kill your progress organized by Research Innovation Club, on January 21, 2016 at Institute of Research Promotion, Suite # 11, 7th Floor, Central Plaza, Barkat Market, Garden Town, Lahore-Pakistan.

16. Workshop on Project Formulation organized by Pakistan Science Foundation held on September 2-3, 2015 at University of Poonch Rawalakot.

17. Workshop on active citizens training of facilitators organized by British Council held at Islamabad Ramada Hotel, October 29, 2014.

18. Workshop on learning outcomes organized by Higher Education Commission (Curriculum Division) held at University of Peshawar, Bara Gali Campus from May 28-29, 2014

19. Workshop on current concepts in Medical research, Biostatistics and Epidemiology held from November 13-17, 2006 Organized by the Department of Community Health Sciences, Hamdard College of Medicine and Dentistry

20. Workshop on Hands on Training of Statistical Software (SPSS) organized by the Department of Community Health Sciences on 27th May, 2008.

21. Workshop on Bibliography and End note organized by Hamdard College of Medicine and Dentistry on August 17, 2011 at Department of Faculty of Eastern Medicine, Hamdard University Karachi, Pakistan

22. Basic to Modern Assay Methods for Chemical and Biological Analysis of Bioactive Molecules organized by Department of Chemistry, Faculty of Basic and Applied Sciences, The University of Poonch Rawalakot, Azad Jammu and Kashmir-Pakistan held on June 22 2016 at Auditorium of Faculty of Basic and Applied Sciences, University of Poonch, Rawalakot.

23. Two Days Training of Presiding Officers and Sr. Assistant Presiding Officers-GE 2018 Organized by the Election Commission of Pakistan and The United Nations Development Programme held on 18-19 July at MC Higher Secondary School Kotwali Road Faisalabad

24. One Day Workshop on Vision, Mission and Objective Crafting in Self-Assessment Report (SAR) organized by Quality Enhancement Cell held on January 7, 2019 at Government College University Faisalbad-Pakistan.

LIST OF PUBLICATIONS

BOOKS

Books as Editor

1. Chukwuebuka Egbuna, Muhammad Akram, Jonathan Chinenye Ifemeje (2019). Neglected Tropical Diseases and Phytochemicals in Drug Discovery. John Wiley & Sons Canada, Limited
2. Syed Muhammad Ali Shah, Zahed Mehmood, Muhammad Akram, Anticancer and Immunomodulant Phytomedicine, Misali Publishers Faisalabad
3. Muhammad Akram, Herbs and Spice, Intech Open Publishers

Books Published as First Author

1. Muhammad Akram, Naheed Akhtar, Rabia Zahid, Basic Biochemistry: Introduction to Carbohydrates and Proteins Vol: 1, Carawan Book House, Lahore Pakistan 2016.

ISBN: 978-969-478-239-3

2. Muhammad Akram, Hafiz Muhammad Asif, Khan Usmanghani, Management of Hyperuricemia, Lap Lambert Publishers, Germany, 2010

3. Muhammad Akram, Tahira Shamim, Ghazala Shaheen, Manual of Biochemistry, Lap Lambert Publishers, Germany, 2011

4. Muhammad Akram, Ghazala Shaheen, Muhammad Asif, Short Text Book of Biochemistry (Viva Voce Questions), Lap Lambert Publishers, Germany, 2011

5. Muhammad Akram, Tahira Shamim, Usman ul Haq, Aamir Sharif. Therapeutic Strategies of Cancer, Evidences from *In Vitro* and *In vivo* studies. Carawan Book House, Lahore Pakistan 2017. **ISBN:** 978-969-478-241-6

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1. Fahad Said Khan, Muhammad Akram, Shumaila Kausar. Ulcerative Colitis: Therapeutic Strategies and Options, Carawan Book House Lahore, **ISBN:** 978-969-478-240-9, Pakistan, 2017.

2. Hafiz Muhammad Asif, Khan Usmanghani, Muhammad Akram, Management of Secretary Diarrhea with Eastern Medicine, VDM Verlag Dr. Muller GmbH & Co. KG, **ISBN:** 978-3-639-32345-0, Germany, 2010

3. Muhammad Ibrahim Khan, Khan Usmanghani, Muhammad Akram, Herbal Medicine and Helminthiasis, Lap Lambert Publishers, Germany, 2010

4. Ghazala Shaheen, Tahira Shamim, Muhammad Akram, Therapeutics, Lap Lambert Publishers, Germany, 2011

5. Khan Usmanghani, Halima Nazar, Faisal Haider Zaidi, **Muhammad Akram**, Sana Sarfaraz, Compilation of Phytopharmacology.

CHAPTERS PUBLISHED

1. **Muhammad Akram**, Anti-obesity Activity of Medicinal Plants: A Review, Diabetic Complications, SMGroup Publishers, 2017. In Press. <http://www.smgebooks.com/diabetic-complications/chapters/DC-17-05.pdf>.

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3. **Muhammad Akram**, Muhammad Daniyal, Aatiqa Ali, Rida Zainab, Syed Muhammad Ali Shah, Naveed Munir, Imtiaz Mahmood Tahir (2019). Role of Phenylalanine and Its Metabolites in Health and Neurological Disorders. Synucleins - Biochemistry and Role in Diseases. ISBN 978-1-78984-588-4.

4. Zubair Ahmad, **Muhammad Akram**, Muhammad Daniyal, Aatiqa Ali, Rida Zainab. Awareness and Current Knowledge of Down Syndrome, Down Syndrome, ISBN: 978-93-87500-48-8, 2019, Open Access eBooks, 848 N. Rainbow Blvd, #5486, Las Vegas, NV 89107, USA.

<http://openaccessebooks.com/down-syndrome.html>

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6. Muhammad Akram, Naveed Munir, Ghulam Mohiuddin, Rumaisa Hannan, Chukwuebuka Egbuna, and Andrew G. Mtewa (2019). Trends in Drug Discoveries for the Present Millennium. Applications of Natural Products in Drug Discovery and Biotechnological Advances. Apple Academic Press (In Press)

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12. Muhammad Jahangeer, Zahed Mahmood, Syed Muhammad Ali Shah, Muhammad Akram, Shoukat Hussain, Naveed Munir, Ghazia Fatima, Aqsa Mashooq, Ayesha Zulfiqar (2019). Antioxidant Capacity of Essential Oils and Health Care Effects. Anticancer and Immunomodulant Phytomedicine, Misali Publisher Faisalabad
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26. Sadia Hassan, Muhammad Bilal Hussain, Marwa Waheed, Khalil Ahmad, Samat Kassymov, Mohammad Ali Shariati, Muhammad Akram, Abhay Prakash Mishra, and Chukwuebuka Egbuna (2020). Effect of Germination Processing on Bioactive Compounds of Cereals and Legumes. Functional Foods and Nutraceuticals Springer Publisher.

27. Muhammad Akram, Atanu Bhattacharjee, Naveed Munir, Naheed Akhter, Fozia Anjum, Abida Parveen, Samreen Gul Khan, Muhammad Daniyal, Muhammad Riaz, Fahad Said Khan, Rumaisa Ansari, and Umme Laila. Phytotherapeutic Potential For the Treatment of Alzheimer's

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28. Charles Oluwaseun Adetunji, Muhammad Akram, Areeba Imtiaz, Ehis-Eriakha Chioma Bertha, Adrish Sohail, Oluwaseyi Paul Olaniyan, Rabia Zahid, Juliana Bunmi Adetunji, Neera Bhalla Sarin (2020). *Modified Cassava: The Last Hope That Could Help to Feed the World – Recent Advances*. Springer Publisher (Accepted)

29. Muhammad Akram, Rabia Zahid (2020). *Categorization, Management and Regulation of Potentially weaponizable Toxic Plants. Poisonous Plants and Phytochemicals in Drug Discovery*. Wiley Publisher (Accepted)

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32. Charles Oluwaseun Adetunji, Muhammad Akram, Benjamin Ewa Ubi1, Umme Laila, Juliana Bunmi Adetunji, Olugbenga Samuel Micheal, Wadzani Dauda Palnam (2020). *Application of tissue cultures and genetic transformation to investigate and alter pathways for the biosynthesis of target metabolites from Quinoa*. Springer Publishers (submitted)

33. Muhammad Akram, Charles Oluwaseun Adetunji, Ejaz Mohiuddin, Tolulope Olawumi Oladosun, Phebean Ozolua, Frances. N. Olisaka, Chukwuebuka Egbuna, Olugbenga Samuel Micheal, Juliana Bunmi Adetunji, Leena Hameed (2020). *Prospects of phytochemicals for the treatment of helminthiasis. Neglected Tropical Diseases and Phytochemicals in Drug Discovery* Publisher: John Wiley

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35. Muhammad Akram, Saher Rahat, Iram Ghaffar, Amna Siddique (2020). *Bacteriocidal effects of phytochemicals on Mycobacterium leprae, the causative agent of Leprosy. Neglected Tropical Diseases and Phytochemicals in Drug Discovery* Publisher: John Wiley.

36. Muhammmad Akram, Shiasta Jabeen, Umme Laila (2020). Dengue fever: a brief overview and insights into the potential applicability of phytochemicals in its management. Neglected Tropical Diseases and Phytochemicals in Drug Discovery Publisher: John Wiley.

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6. Muhammad Khurshid Alam, Saeed Ahmed, Shazia Anjum, **Muhammad Akram**, Syed Muhammad Ali Shah, Hafiz Muhammad Wariss, Muhammad Mohtasheemul Hasan, Khan Usmanghani (2016). Evaluation of antipyretic activity of some medicinal plants from Cholistan desert Pakistan, *Pakistan Journal of Pharmaceutical Sciences*, 29(2):529-533 (**Impact Factor 0.596**)

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Best Abstract Award

Best abstract award for paper entitled “Effects of medicinal plants on Alzheimer’s disease and memory deficit” in International Neural Regeneration Symposium 2016, Yinchuan, China

ROLE AS SUPERVISOR

Supervision of M. Phil students (Thesis completed)

| NO | Student Name | Year | Thesis Title |
|----|---------------------|-----------|--|
| 1 | Saif ur Rehman | 2012-2014 | <i>In vitro</i> antioxidant and inhibitory effects of <i>Myristica fragrans</i> , <i>Illicium verum</i> , <i>Curculigo orchioeides</i> , <i>Glycyrrhiza glabra</i> and <i>Embelia ribes</i> against lipid peroxidation in mice liver and brain |
| 2 | Sodah Bint Mufstafa | 2013-2015 | Antihyperglycemic activity of some medicinal plants in alloxan induced diabetic mice |
| 3 | Mahvish Ajaz | 2013-2015 | Phytochemical screening and antipyretic effect of some selected medicinal plants of Rawalakot, Azad Kashmir |
| 4 | Amir Aftab | 2014-2016 | Prevalence of hyperuricemia and Ethnobotanical survey of medicinal plants used to treat gouty arthritis by people of Rawalakot |
| 5 | Shaista Mumtaz | 2014-2016 | Prevalence of gestational diabetes and ethnobotanical survey of medicinal plants used to diabetes by people of Rawalakot |
| 6 | Memoona Jannat | 2014-2016 | Diuretic activity of medicinal plants of Rawalakot, Azad Kashmir |
| 7 | Fahad Said | 2015-2017 | Prevalence of hepatitis B and hepatitis C in Rawalakot Azad Kashmir and hepatoprotective activities of polyherbal formulation |

Member of Supervisory Committee of M. Phil students (Thesis completed)

| No | Student Name | Year | Thesis Title |
|----|---------------|-----------|---|
| 1 | Rabia Zahid | 2013-2015 | <i>In vitro</i> and <i>In vivo</i> anti-H. Pylori activity of traditional medicinal plants used for the treatment of Gastrointestinal disorders |
| 2 | Irum Zulfiqar | 2013-2015 | <i>In Vitro</i> anti-urease activity of some medicinal plants traditionally employed for the treatment of gastrointestinal disorders in Rawalakot, Azad Kashmir |

M. Phil Students under supervision

| No | Student Name | Year | Thesis Title |
|----|---------------------|-----------|---|
| 1 | Iftikhar Ahmed Khan | 2015-2017 | Anti-diarrheal activity of hydroalcoholic extract of medicinal plants in mice |
| 2 | Faizan Ejaz | 2015-2017 | Clinical efficacy of herbal coded medicine in cough and flue |

PROJECTS

As Principal Investigator

1. Feasibility Study of Isolation of Potential Xanthine Oxidase Inhibitors from Domestic Medicinal Plants: In-vivo and In-silico Studies of Hypouricemic and Antioxidant Activity Along with Optimization Modeling Using Response Surface Methodology Technique and Artificial Neural Networks. **Reference No:** HEC/R&D/RGA/NRPU/2019/407.
2. Isolation of Potential Xanthine Oxidase Inhibitors from Domestic Medicinal Plants: In-vivo and In-silico Studies of Hypouricemic and Antioxidant Activity. Submitted Pakistan Science Foundation (PSF)

As Co-Principal Investigator

1. Prevalence of Mutidrug Resistant strains of *Staphylococcus aureus*, *Pseudomonas aeruginosa* and *Acinetobacter baumannii* in patients with burn in Tertiary care Hospitals in Faisalabad. **Reference No:** HEC/R&D/RGA/NRPU/2020/2243.
2. Green synthesis of Nanoformulation of phytonutrients and their impact on fertility status in model animals (rats). **Reference No:** HEC/R&D/RGA/NRPU/2019/852.
3. Extraction, purification and characterization of phytonutrients from medicinal plants and their impact on fertility status. Submitted Pakistan Science Foundation (PSF)

Reviewer to Scientific Articles

2014

1. Phytochemical screening of some selected medicinal plants of Haripur, Pakistan Journal of Pharmaceutical Sciences, MS. No. 3210.
2. Physicochemical and anatomical studies on thin and thick root of *Plumbago roseus* Linn, Pakistan Journal of Pharmaceutical Sciences, MS. No. 3207.

2015

1. Clinical research on intravitreal injection of bevacizumab in the treatment of macula lutea and retinal edema of ocular fundus disease, Pakistan Journal of Pharmaceutical Sciences, MS. No. (SUP: 265). 2015
2. Evaluation of antimicrobial activity of extracts of *In Vivo* and *In Vitro* grown *Vinca rosea* L.(*Catharanthus roseus*) against pathogens, Pakistan Journal of Pharmaceutical Sciences, MS. No. 2645. 20153.
3. Application and Promotion of Anesthesia on the Maternity Surgery, Pakistan Journal of Pharmaceutical Sciences, (SUP-286). 2015.

2016

1. Serological and biochemical profile of incidentally detected asymptomatic HBSAG positive patients subjects- A One Year study, British Microbiology Research Journal, Ref. No: SDI/HQ/PR/Cert/2016/BMRJ/27483. Dated 22/6/2016.
2. Pharmacoeconomic analysis of direct activity antiviral drug used for treatment of genotype 1 chronic hepatitis C. British Journal of Pharmaceutical Research, Ref No: SDI/HQ/PR/Cert/2016/BJPR/27144. Dated 16/06/2016.
3. Acute toxicity effect of the aqueous, methanol and n- hexane root extract of *Curcuma longa* Linn.on white AlbinoRats, British Journal of Pharmaceutical Research, Ref; SDI/HQ/PR/Cert/BJPR/27237. Dated: 10/06/2016.
4. Comprehensive patients self reported causes of non compliance to antihypertensive medications in Maiduguri,Nigeria, Journal of Advances in Medical and Pharmaceutical Sciences,Ref No:SDI/HQ/PR/Cert/2016/JAMPS/28484Dated: 21/07/2016.
5. Ethnobotanical study of medicinal plants used in the management of diabetes mellitus in Kano Metropolis, NorthernNigeria. European Journal of Medicinal Plants, Ref No: SDI/HQ/PR/Cert/2016/EJMP/28562, Dated: 31/07/2016.
6. Workplace assessment of hypertension: Prevalence and awareness in a manufacturing Industry in Owerri Nigeria,International Journal of Tropical Disease & Health, MS. No. 2016/IJTDH/25873. Dated : 20/04/2016.
7. Prevalence, morbidity and treatment seeking behaviour for allergic conjunctivitis in children in a North IndianCommunity, Journal of Public Health and Epidemiology, 28 June, 2016, MS. No. JPHE- 14.06.16-0843.
8. Insulinomimetic, antihyperlipidemic and antioxidative properties of *Azadirachta indica*, possible mechanism of action. British Journal of Medicine and Medical Research, Ref. No: SDI/HQ/PR/Cert/2016/BJMMR/26897, Dated:07/05/2016.
9. Adverse drug reactions report among hospitalized patients with hypertension; a retrospective study, British Journal of Medicine and Medical Sciences, Ref No: SDI/HQ/PR/CERT/2016/BJMMR/26890. Dated: 30-05-2016.

10. Effect of Ketamine spraying on the postoperative sore throat and hoarseness after tracheal intubation, British Journal of Medicine and Medical Research, SDI/HQ/PR/Cert/BJMMR/26873, Dated 17/05/2016.
11. Oxidative stress response of peanut plant to low doses of arsenic supply, Plant Physiology and Biochemistry, PLAPHY-D-16-00114, Dated: Mar 02, 2016.
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13. The association between reduced folate carrier-1 gene 80G/A polymorphism and methotrexate efficacy or methotrexate related-toxicity in Rheumatoid arthritis: a meta-analysis, International Immunopharmacology, INTIMP-D-16-00394, Dated: May 15, 2016.
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15. Chemotaxonomic Characterization of Warm & Dry Drugs of Unani Medicine And Clinical Study of Some Resolvent (Mohallilat) Drugs in Uterine Fibroids, Pakistan Journal of Pharmaceutical Sciences, MS No. 4706. July 2016.
16. Comparison efficacy of Curosurf and Survanta in preterm infants with Respiratory Distress Syndrome, Pakistan Journal of Pharmaceutical Sciences, MS No. 4453. 2016
17. Evaluate the Anti-arthritis effects of Bee venom gel - Micro needle combination, Pakistan Journal of Pharmaceutical Sciences, MS No. 4692. 2016
18. Chronic lymphocytic leukemia, Pakistan Journal of Pharmaceutical Sciences, MS No. 4478. 2016
19. Chemical composition and antioxidant activity of phenolic compounds, Pakistan Journal of Pharmaceutical Sciences, MS NO: 4750. 2016
20. Effect of an isolate from the red seeds of *Adenantha pavonima* L. on gonadal weight and function in mice. Pakistan Journal of Pharmaceutical Sciences, MS. No. 4118. 2016.
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22. **Muhammad Akram** (2016). *In vitro* anti-ulcer potential of *Nardostachys jatamansi* and *Raphanus sativus* Pakistan Journal of Pharmaceutical Sciences. MS. No. 4883.

REFERENCES

PROF. DR. NAVEED AKHTAR (PhD)

Dean

Faculty of Pharmacy and Alternative Medicine, Railway Road Campus, Islamia University,
Bahawalpur- Pakistan

Telephone Off : 0092-62-9255243, Res. 0092-62-2877266 Fax : 0092-62-2881512

e-mail:nakhtar567@hotmail.com, naveed.akhtar@iub.edu.pk

PROF. DR. ABID RASHID, MBBS, FCPS, PhD

Director

Directorate of Medical Sciences, Government College University, Faisalabad-Pakistan

Telephone Off : 0092-41-9200876, Mobile No: 0092-323-7220911

e-mail:drabidrashid37@gmail.com