

RAJA ZAFAR ISHAQUE

LECTURER

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RESEARCH INTEREST:

- Analysis for exploring the genetic basis of developing antibiotic resistance among the pathogenic bacteria.
- Isolation of bioactive compounds from natural resources and determination of mechanism.
- Applications of nanotechnology to design targeted drug delivery system

ACADEMIC BACKGROUND:

- **Master of Philosophy (M.Phil) Biotechnology**, Mirpur University of science and technology Mirpur Azad Jammu & Kashmir, Pakistan 1st division (CGPA=3.51) (January, 2014)

Relevant Course Work: Molecular Genetics, Recombinant DNA Technology, Microbial Biotechnology, Nano-biotechnology, Medical biotechnology, Advanced immunology, Genomics, Applications of biotechnology

- **Pharm. D (Doctor of Pharmacy)**, Federal Urdu University of Arts, Science and Technology, Karachi, Pakistan 1st division (CGPA=3.64) (February, 2010)

Relevant Course Work: Physical pharmacy, Pharmaceutical preparation and dispensing, Pharmacology, Analytical and instrumental chemistry, Phytochemistry, Biochemistry, Pharmaceutical technology, Biopharmaceutics, Industrial pharmacy, Pharmaceutical quality control, Microbiology, Physiology, Marketing management, Pathology, Clinical pharmacy.

- **Intermediate (Pre-medical)**, BISE Mirpur AJK Pakistan. 1st division (2002-2004)
- **Matric (Science)**, BISE Mirpur AJK Pakistan. 1st division (2000-2002)

PROFESSIONAL EXPERIENCE:

- 1) **University Of Kotli AJK Pakistan**
Lecturer-BPS 18 (Permanent):
Department of Biotechnology. [20-April-2021 to Continue]
- 2) **University Of Kotli AJK Pakistan**
Lecturer (Contract):
Department of Biotechnology. [13-Nov-2015 to 19-April 2021]
- 3) **Mohi Ud Din Islamic University, Institute Of Pharmaceutical Sciences, Mirpur Ajk, Pakistan**
Lecturer, (Pharmacy) [7th. June, 2010 to 11th. Nov- 2015]

COURSES TAUGHT WITH PRACTICAL COURSE:

- Cell biology
- Physiology
- Pharmaceutical biotechnology
- Health biotechnology
- Pharmacology
- Biochemistry
- Microbiology
- Phyto-chemistry
- Immunology
- Clinical pharmacy

RESEARCH PUBLICATIONS:

1. Asif iqbal, Azhar Hussain, Sheefat Ullah Shah, **Raja Zafar Ishaque**, Kamran Nawaz. A comparative study on the prescription practices of antibiotics in cold (ARI) in patients under the age of 15 years and reasons of prescription in different hospitals of Pakistan. (Published) International Journal of Basic Medical Sciences and Pharmacy (IJBMS) Vol. 1, No. 1, December 2011 © Science Academy Publisher, United Kingdom www.sciacademypublisher.com
2. Tashfeen Akhtar, Azhar Hussain, **Raja Zafar Ishaque**, Sheefat Ullah Shah and Asif iqbal. To study and compare source of drug information used by doctors (GPs & specialist), pharmacist and nurses in government & private tertiary care hospitals in Islamabad. (Published) International Journal of Basic Medical Sciences and Pharmacy (IJBMS) Vol. 1, No. 1, December 2011 © Science Academy Publisher, United Kingdom www.sciacademypublisher.com
3. Kamran Nawaz, Azhar Hussain, Sheefat Ullah Shah, Asif Iqbal and **Raja Zafar Ishaque**. Assessment of the drug knowledge of patients' visiting medical stores in Islamabad. (Published) International Journal of Basic Medical Sciences and Pharmacy (IJBMS) Vol. 1, No. 1, December 2011 © Science Academy Publisher, United Kingdom www.sciacademypublisher.com

PROFESSIONAL TRAININGS.

- **WORKSHOP**
Preparation of self assessment report , qec uok ajk. 21-dec-2017.
- **INTERNSHIP**
Six weeks internship in Brookes Pharmaceutical Laboratories, Karachi, Pakistan [16-Nov-2009 to 24-Dec-2009]

REGISTRATION WITH PHARMACY COUNCIL

Registered with Sindh Pharmacy Council Karachi.
Registration No: 5810

WORKSHOPS/CONFERENCES

- Presented research paper on 2nd International Conference on Natural Sciences at the Interface of Climate Change, Food Security and Sustainability held at University of Kotli AJK. 24-26th October 2018.
- Participated in workshop on QTL and association mapping, University of Management Sciences and Information Technology, 6th April 2016.
- Participated in workshop on current trends in molecular biology and biotechnology, University of Management Sciences and Information Technology, 20th April 2016.
- Presented research paper on 1st International Conference on indigenous recourse management, challenges and opportunities, held in University of Kotli AJK. April, 2016.
- Presented research paper on 3rd Annual Symposia on “Diabetes Mellitus” in Mohi Ud Din Islamic Medical College Mirpur AJK, February, 2014
- Presented research paper on 1st International Conference on Applied Chemistry, Biotechnology and Aquatic Sciences in GC University Faisalabad, Pakistan, February, 2014.
- Attended 18th International Pharmacy Conference and Exhibition, Organized by Pakistan Pharmacist association, held in PC hotel Lahore, November, 2013.
- Attended 2nd National And International Symposia on “Medical Writing” and workshop on application of SPSS software in Mohi Ud Din Islamic Medical College Mirpur AJK November 2012
- Attended 17th International Pharmacy Conference And Exhibition, Organized by Pakistan Pharmacist association, held in Marriot hotel Islamabad, April, 2012
- Attended 1st. National And International Symposia on “Medical Ethics” in Mohi Ud Din Islamic Medical College Mirpur AJK : December 2011
- Attended Seminar on “Efficacy Of Augmentin”, by GSK Pharmaceutical laboratory in Regency hotel Mirpur AJK., 2010
- Attended Seminar on, “Pharmaceutical Marketing, Advertisement and Product management” Organized by Faculty of Pharmacy Federal Urdu University Karachi, 2008
- Attended 14th International Pharmacy Conference And Exhibition, organized by Pakistan Pharmacist Association, 2007
- Attended Seminar on, “Strengthening the role of pharmacist in drug abuse management” Organized by Faculty of Pharmacy Federal Urdu University Karachi, 2006
- Attended Seminar on ”Carrier Counseling” Organized by faculty of Pharmacy Federal Urdu University Karachi, 2006.

SKILLS:

Pharmaceutical preparations, Isolations of bioactive molecules, Bacterial growth and antibacterial testing, Analysis of blood biochemistry, Dose response curve, Spirometry, Dissolution and Disintegration studies, Excellent communication skills,