

Ahmad Raza

Industrial Biotechnology Division, National Institute for Biotechnology and Genetic Engineering,
NIBGE, Faisalabad, Pakistan • ahmad.nibge@gmail.com • Phone: +92 03027179159

Qualifications

- **PhD Biotechnology** (2014-Cont.) from Pakistan Institute of Engineering and Applied Sciences (PIEAS) Islamabad, NIBGE campus Faisalabad, Pakistan.
 - **M.Phil. Pharmacology** (2012-2014) from Institute of Pharmacy, Physiology and Pharmacology, University of Agriculture Faisalabad, Pakistan.
 - **D.V.M** (2007-2012) from Faculty of Veterinary Sciences, University of Agriculture Faisalabad, Pakistan.
-

Skills

- | | |
|------------------------------|---------------------------|
| • Bioprocessing | • Fermentation Technology |
| • Bioinformatics | • Bioassays |
| • Recombinant DNA Technology | • Bacteriology & Mycology |
| • Veterinary Medicine | • Genomics |
| • Enzyme Engineering | • Pharmacology |
| • Chromatography | • Toxicology |
-

Recent Awards

- Higher Education Commission (HEC) Indigenous Scholarship awardee for Ph.D. Fellowship Program Batch-II (Phase-II).
 - Merit Scholarship awardee during MPhil.
 - Certificate of Honor from the Faculty of Veterinary Sciences (FVS), UAF as the best laboratory worker.
-

Professional Experience

- Experience as an extension worker in wheat productivity enhancement campaign from Nov-Dec 2011.
 - Experience of poultry postmortem and diagnostics while internship from March-June 2012.
-

Foreign Tours

- Visit Selçuk University, Konya, Turkey under joint collaborative program of Poverty alleviation: Goats distributed among female farmers between University of Agriculture Faisalabad (UAF), Pakistan and Turkish International Cooperation and Coordination Agency (TIKA), Turkey.
-

Workshops/Trainings and Short courses

- National Training Workshop on Nanomaterials & One Day Symposium on Nanotechnology Research in Pakistan; Recent Trends and Development on 14-16 December 2015 at NIBGE, Faisalabad, Pakistan.
- 7th Training Workshop on Advance Imaging Technique in Biological and Nano-sciences on 16-20 November 2015 at NIBGE, Faisalabad, Pakistan.
- Workshop on Use of PowerLab in Teaching/Research for Physiology & Pharmacology held on 11, December 2013 at College of Pharmacy GC University, Faisalabad, Pakistan.
- Training workshop on High performance liquid chromatography (HPLC) held on 02-07 September, 2013 at Central Hi-Tech Laboratory, University of Agriculture, Faisalabad, Pakistan.
- IELTS Preparation from August-September, 2012 at University of Agriculture, Faisalabad, Pakistan.

Participation in EXPO and Seminars

- Attended seminar on Vaccination and Immunogenesis on 19, December, 2015 at UAF, Pakistan.
 - Attended seminar on Epidemiology and Control of Mastitis on 05, December, 2015 at UAF, Pakistan.
 - Attended seminar on Epidemiology and Control of Brucellosis on 28, November, 2015 at UAF, Pakistan.
 - Attended Awareness & Research Symposium on Diabetes and Related Metabolic Disorders held on 5, November 2015 at NIBGE, Faisalabad, Pakistan.
 - Attended one day symposium on Carbohydrate Biotechnology-The Science for Value Addition held on 29, October 2015 at NIBGE, Faisalabad, Pakistan.
 - Attended 2nd National Student Conference on Biological Sciences held on 12-14 October 2015 at NIBGE, Faisalabad, Pakistan.
 - Attended One day seminar on Malaria Threat: Present Scenario and Future Prospects held on 16, June 2015 at UAF, Faisalabad, Pakistan.
 - Attended Awareness & Research Symposium on Diabetes and Related Metabolic Disorders held on 20, November 2014 at NIBGE, Faisalabad, Pakistan.
 - Attended three days International Poultry Expo held on 26-29 September, 2014 in Lahore, Pakistan.
 - Attended three days International Poultry Expo held on 26-28 September, 2013 in Lahore, Pakistan.
 - Attended a Seminar on the Research Funding Opportunities, international scholarships and internships held on September 13, 2013 at UAF, Pakistan.
-

Research Papers/Review Articles

- **A. Raza**, F. Muhammad, S. Bashir, B. Aslam, M.I. Anwar and M.U. Naseer. 2016. In-vitro and in-vivo anthelmintic potential of different medicinal plants against *Ascaridia galli* infection in poultry birds. *World's Poultry Science Journal*. 72: 115-124.
- **Ahmad Raza**, Faqir Muhammad, Damiao Pergentino de Sousa, Tanweer Khaliq, Bilal Aslam, Luciana Andrade, Saira Bashir, Muhammad Irfan Anwar, Muhammad Shahid, and Mahwish Qamar. 2016. In vitro and in vivo toxicological evaluations of methyl ferulate, methyl p-coumarate, and pulegone 1, 2-epoxide. *Pharmaceutical Biology*. 54(3):523-9.
- Syeda Kiran Zahra, Bilal Aslam, Ijaz Javed, Tanweer Khaliq, Junaid Ali Khan and **Ahmad Raza**. 2016. Hematopoietic Potential of Polysaccharides Isolated from *Angelica sinensis* against ACE Inhibitor Induced Anemia in Albino Rats. *Pakistan Veterinary Journal*. 36(1): 11-15.
- Bilal Aslam, Naheed Kousar, Ijaz Javed, **Ahmad Raza**, Asghar Ali, Tanweer Khaliq, Faqir Muhammad & Junaid Ali Khan. 2016. Determination of Enrofloxacin Residues in Commercial Broilers Using High Performance Liquid Chromatography. *International Journal of Food Properties*. 19 (11): 2463-2470.
- Asma Nasim, Bilal Aslam, Ijaz Javed, Asghar Ali, Faqir Muhammad, **Ahmad Raza** and Zia-ud-Din Sindhu. 2016. Determination of florfenicol residues in broiler meat and liver samples using RP-HPLC with UV-visible detection. *Journal of Science of Food and Agriculture*. 96(4):1284-1288.
- **Ahmad Raza**, Bilal Aslam, Muhammad Usman Naseer, Asghar Ali, Wafa Majeed, Shamshad-Ul-Hassan. 2015. Antitumor activity of berberine against breast cancer: a review. *International Research Journal of Pharmacy*. 6: 81-85.
- Wafa Majeed, Bilal Aslam, Ijaz Javed, Tanweer Khaliq, Faqir Muhammad, Asghar Ali, **Ahmad Raza**. 2015. Histopathological Evaluation of Gastroprotective Effects of Berbeis Vulgaris (*Zereshk*) Seeds against Aspirin induced Ulcer in Albino Mice. *Pakistan Journal of Pharmaceutical Sciences*. 28(6): 1953-1958.
- Wafa Majeed, Bilal Aslam, Ijaz Javed, Tanweer Khaliq, Faqir Muhammad, Asghar Ali, **Ahmad Raza**. 2014. Breast Cancer: Major Risk Factors and Recent Developments in Treatment. *Asian Pacific Journal of Cancer Prevention*. 15 (8): 3353-3358.

Abstracts

- Bilal Aslam, Amna Fahim, Ijaz Javed, Tanweer Khaliq, Junaid Ali Khan, **Ahmad Raza** and Zia-ud-Din Sindhu. 2015. Estimation of florfenicol residues in layer meat and egg samples. September 04-06, 4th international Molecular Biology and Biotechnology Congress & Conference on Live Science Research, Islamabad-Pakistan.
- Bilal Aslam, Faryal Younas, Ijaz Javed, Tanweer Khaliq, Junaid Ali Khan, **Ahmad Raza** and Zia-ud-Din Sindhu. 2015. Hematopoietic potential of Angelica sinensis root cap polysaccharides against lisinopril induced anemia in albino rats. September 04-06, 4th international Molecular Biology and Biotechnology Congress & Conference on Live Science Research, Islamabad-Pakistan.
- Asra Iftikhar, Ijaz Javed, Bilal Aslam, Tanweer Khaliq, Wafa Majeed and **Ahmad Raza**. 2015. Nephroprotective effect of leaves of Aloe barbadensis against toxicity induced by diclofenac sodium. May 13-15, 3rd National Computational Science Conference. Institute of Space Technology, Islamabad.

Language Proficiency

- Proficient in writing, reading and speaking English, Urdu and Punjabi.

Memberships of Professional Societies

- Pakistan Veterinary Medical Council (PVMC).
- Alumni Association.

Reference

- References will be provided on Demand.