

Curriculum Vitae

Full Name: Sami Siraj

Position: Associate Professor & Director

Institution: Institute of Pharmaceutical Sciences, Khyber Medical University, Phase V, Hayatabad, Peshawar

Email: samisiraj.ibms@kmu.edu.pk

Professional training/Education:

Postdoc-Cancer Cell Biology: (2016-to 2018), Institute of Zoology, Chinese Academy of Sciences, Beijing, China.

PhD-Anticancer Pharmacology; (2003-2008), China Pharmaceutical University, Nanjing, China.

MPhil-Genetic Diseases; (2001-2003), Center of Excellence in Molecular Biology, University of the Punjab, Lahore.

Bachelor of Pharmacy (1995-1999), Gomal University, Pakistan

Chronological List of Positions:

Associate Professor, Nov 2018-Till date, (3 Year)

Khyber Medical University, Phase V, Hayatabad. Peshawar

Post-Doc Research Fellow, July 2016-June 2018 (2 Years)

Institute of Zoology, Chinese Academy of Sciences, Beijing, China.

Assistant Professor, Feb 2011-Nov 2018 (7.5 years)

Khyber Medical University, Phase V, Hayatabad. Peshawar

Assistant Professor, Sep 2008-Feb 2011 (2.5 years)

Department of Pharmacy, COMSATS University, Abbottabad.

Assistant Production Manager Nov 1999- Apr 2001 (1.5 Years)

Amson Farmaco Biologico. Kahut Triangle. Islamabad.

List of five publications

1. Ahmad N, Qayum S, Jameel A, Ali A, Siraj S, Ali J, Yousafzai YM. Clinical and laboratory relevance of JAK2 V617F and BCR-ABL co-existence in Philadelphia positive CML patients. *Pak J Pharm Sci.* 2021 Nov;34(6(Supplementary)):2289-2295. PMID: 35039265.
2. Ahmed S, Gul S, Siraj S, Hussain A, Sheikh FS, Shah SU, Janjua K, Khan H, Hamdard MH. Antiplatelet response to clopidogrel is associated with a haplotype in CYP2C19 gene in Pakistani patients. *Sci Rep.* 2022 Apr 13;12(1):6171.
3. Hizbullah, Ahmed S, Noor Mumtaz M, Zulfiqar Z, Amir Hamza S, Siraj S, et al. Genetic variations in drug-metabolizing enzyme CYP2C9 among major ethnic groups of Pakistani population. *Gene.* 2020;746:144659.
4. Zhang W, Ma Q, Siraj S, Ney PA, Liu J, Liao X, Yuan Y, Li W, Liu L, Chen Q. Nix-mediated mitophagy regulates platelet activation and life span. *Blood advances.* 2019 Aug 13;3(15):2342-54.
5. Li W, Li Y, Siraj S, Jin H, Fan Y, Yang X, Huang X, Wang X, Wang J, Liu L, Du L, Chen Q. FUNDC1-mediated mitophagy suppresses hepatocarcinogenesis by inhibition of inflammasome activation. *Hepatology.* 2018 Jul 27. doi: 10.1002/hep.30191

List of five activities related to the proposed project

1. **Curriculum Development:** Introducing epigenetic drug as part of M-Phil and PhD curriculum
2. **Workshop:** Big Data Platform; Using Oxford Nanopore MinION for Whole Genome Sequencing; Sequencing and Bioinformatics. Aug-Sep 2020. Organized online by NIH, Johns Hopkins University and Fogarty International Center.
3. **Conference Presentation:** Genetic and epigenetic association in Type 2 Diabetes Mellitus. Shifa Tameer e Millat University, 1st National Scientific Congress, December 2018
4. **Workshop (Resource Person):** Genetic Association Studies; Low-throughput assays and post-assay analysis. Oct 2018
5. **EMBO Workshop on Mitochondrial Quality Control.** Xi'An, China. July 2-5, 2017.
6. **World Life Sciences Conference.** Beijing, China. November 1-3, 2016.