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EXPERIENCE

Feb 2007–till to date Assistant Professor, Department of Biological Sciences, Gomal University Dera Ismail Khan, PAKISTAN

March 2004–Feb 2007 Lecturer, Department of Biological Sciences, Gomal University Dera Ismail Khan, PAKISTAN

EDUCATION

- Ph.D., Biology (2012), Faculty of Medicine, Institute of Genetics and Development, University of Rennes1, Rennes, France
- M. Phil, Molecular Biology (1999-2001), CEMB, University of the Punjab, Pakistan
- M. Sc, Zoology (1994-1996), University of Peshawar, Pakistan

HONOURS AND AWARDS

- M. Phil, Position Holder, CEMB, University of the Punjab, Pakistan.
- Ph.D., with Distinction, Institute of Genetics and Development, University of Rennes1, France.
- Member of HEC Curriculum Revise Committee in Zoology.
- Member Editorial Board JSM Cell, USA
- Reviewer Science Publishing Group, Cell Biology.
- HEC approved Supervisor
- Reviewer Higher Education Commission's research-grant projects
- Member academic council Gomal University, D.I. Khan
- Post-doctorate, Kunming Institute of Zoology, Yunnan, R.P. China

PUBLICATIONS

2005-2010

1. **J.Khan**, A.H.Shah and S.N.Khan. (2005). Molecular Characterization of Thalassemia Intermedia in Pakistan. **J. Chem.Soc. Pak.** 27:5.
2. **J.Khan**, A.H.Shah, S.N.Khan. (2006). Identification of the Genetic Factors Responsible for Variable Phenotypes of Thalassemia Patients in Pakistan. **J. Chem. Soc. Pak.** 28:5.
3. Muhammad Hasan, **Jabbar Khan**, Sanaullah Khan, Abdul Haleem Shah, Abdur Rahim Khan and B. Mirza. (2008). Transformation of Tomato (*Lycopersicon Esculentum* Mill) with Arabidopsis early Flowering Gene *Apetalai* (API) through Agrobacterium Infiltration or Ripend Fruits. **Pak. J. Bot.** 40(1): 161-173).
4. Abdul Haleem Shah and **Jabbar Khan**. (2008). Direct Fermentative Production of Lysine. **J. Chem. Soc. Pak.** 30:1.

2011

1. **Jabbar Khan**, Frédéric Ezan, Jean-Yves Crémet, Alain Fautrel, David Gilot Marine Lambert, Christelle Benaud, Marie-Bérengère Troadec, Claude Prigent. (2011). Overexpression of Active Aurora-C Kinase Results in Cell Transformation and Tumour Formation. **PlosOne**. Vol 6; issue 10.
2. Ijaz Ali, Sanaullah Khan, Sobia Attaullah, Shahid N Khan, **Jabbar Khan**, Sami Siraj, Aqib Iqbal, Zahoor A Swati and Muhammad Idrees. (2011). Response to combination therapy of HCV 3a Infected Pakistani patients and the role of NS5A protein. *Virology Journal*, **8**:2. doi:10.1186/1743-422X-8.
3. Sanaullah Khan, Sobia Attaullah, Ijaz Ali, Sultan Ayaz, Naseemullah, Shahid Niaz Khan, Sami Seraj and **Jabbar Khan**. (2011). Rising Burden of Hepatitis C Virus in Hemodialysis Patients. *Virology Journal*. **8**: 438.

2012

1. Yoann Rannou, Patrick Salaun, **Jabbar Khan**, (2012). Stéphanie Dutertre, Régis Giet and Claude Prigent. Mnk1 kinase activity is required for abscission. **J. Cell Science**. doi 10:24.
2. Sobia Attaullah, Sanaullah Khan and **Jabbar Khan**. (2012). Trend of Transfusion Transmitted Infections Frequency in Blood Donors: Provide a road Map for its Prevention and Control. **J. Translational Medicine**. 10:20.
- 3.

2013

1. Shahid Niaz Khan, Sultan Ayaz, Sanaullah Khan, Abdul Hamid Jan, Sobia Attaullah, Mehmood ur- Rehman, Ijaz Ali, Mukhtar Alam and **Jabbar Khan**. (2013). Molecular Epidemiology Of Cutaneous Leishmaniasis In Southern Belt Of Khyber Pakhtunkhwa, Pakistan. **International Journal of Advancements in Research & Technology**, 2 (4).

2014

1. Shahid Niaz Khan, Asif Khan, Sanaullah Khan, **Jabbar Khan** et al., (2014). PCR/RFLP-Based Analysis of Genetically Distinct Plasmodium vivax Population of Pvmsp-3 α and Pvmsp-3 β genes in Pakistan. **Malaria Journal**, 13:355.

2015

1. **Jabbar Khan**, Nafees Ahmed, Sami Siraj and Naseruddin Hoti (2015). Genetic Determinants of Thalassemia Intermedia in Pakistan. **Hemoglobin**: 39(2) 95-101 DOI: 10.3109/03630269.2014.1002136)
2. **Jabbar Khan**, Rehana Gul, Inamullah Khan, Muzammil Ahmad. (2015). Survey of plant parasitic nematodes in various regions of Khyber-Pakhtunkhwa. **Pakistan Journal of Zoology**, **47(4)**: 1201-04.
3. Shahid Niaz Khan, Sutlan Ayaz, Sanaullah Khan, Ibrarullah, Shahid Ullah, Noorul Akber, Sobia Attaullah, **Jabbar Khan** and Ijaz Ali (2015). Occurrence of Giardia in different water sources of district Bannu. **Br. Micro. Res. J.** 6(2): 112-125.
- 4.

2016

1. Sabir Hussain Shah, Ejaz Ahmad Khan, Hussain Shah, Nadeem Ahmad, **Jabbar Khan** and Ghazanfar Ullah Sadozai (2016). Allelopathic Sorghum water extract helps to improve yield of Sunflower (*Helianthus Annuus* L. **J. Botany** 48(3): 1197-1202.
2. Khalid Rahman, Salim Jailani, **Jabbar Khan (2017)** Improving the Cucumber Off-season Production using Split Doses of Nitrogen in Plastic Tunnel. *Science International*, 28(5): 4523-26.

2017

1. Muhammad Asim, Shahid Niaz, Sanaullah, **Jabbar KHAN** et al., (2017) Incidence of human plasmodiasis in Northern and Southern districts of KPK. *Pak J. Zool.* 6(3): 23-24

2018

1. Sadia Salahuddin, **Jabbar KHAN**, Joharia Azhar, Christopher B. Whitehurst, Ishtiaq Qadri, Julia Shackelford, Joseph S. Pagano, Dost Muhammad, Kristy L. Richards (2018). Prevalence of Epstein–Barr Virus Genotypes in Pakistani Lymphoma Patients. **Asia Pacific Journal of Cancer Prevention**, 19(11): 3153-59.

2019

1. Farmanullah, **Jabbar KHAN**, Dost Muhammad, Muhammad Rafi, Muhammad Ismail (2019). Linkage analysis of hearing impairment in families of Bannu district. *J. Pak. Med. Association*, 69: 1632.
2. **Jabbar KHAN**, Dost Muhammad, Muhammad Ismail, Inamullah Khan, Zia ur Rehman, Shahid Niaz. Consanguinity, the driving force behind HbS- β -thalassemia in southern districts of KP. Accepted in *J. Pak. Med. Association*; Ref: JPMA/Accept/565/2018.
3. Mehwish Jehan, Jabbar KHAN, Muhammad Ismail, Noor Muhammad. (2019). The Impact of selenium and Vitamin E on physiology and hormonal profile of Damani goat. Accepted in *Pak. J. Zool.*

BOOKS PUBLISHED: (A) *Is Aurora kinase C a Proto-oncogene*

(B) *Cell Cycle and Cancer (in press)*

(C) **Introduction to Molecular Biology**

CONFERENCES

1. Cell Cycle and Cancer, Saint Malo, France, Jan. 21-23, 2011.
2. Cell Cycle regulating Kinases and Cancer, Rennes, France, 2011
3. Trends in Biochemistry and Biotechnology, Quaid-e-Azam University, Islamabad, Pakistan, 8-9 Dec. 2012.
4. Cell Cycle kinases, Madrid, Spain, 6-8 Nov, 2011.
5. Biological Resources of Pakistan, ARID Agriculture, Rawalpindi, 25-27th April, 2007
6. Chromatography and polymer chemistry, Department of Chemistry, GU, 23-28th Jan., 2006
7. International Centre for Chemical Sciences (HEJ-Karachi), Jan. 8-9, 2006
- 8.

Supervision and Projects:

1. Currently supervising 04 Ph.D. students and 8 M.Phil students in the field of Molecular Biology/Zoology
2. Working on Molecular characterization of thalassemia intermedia in Pakistan, Genetic determinants of Male human infertility in Pakistan, Molecular basis of Breast Cancer in KP, and on identification of genetic factors responsible for vitamin D deficiency in Pakistan
3. Supervised 12 MPhil students

REFERENCES

1. Dr Naseruddin Hoti (PhD)

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