

## **Prof: Dr. MUHAMMAD SHOAIB KHAN**

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### **Designation:**

**Professor & HoD (Biochemistry) Bannu Medical College, Bannu, Ex-Dean Bannu Medical college, Bannu, Ex-Vice Principal Students Affairs & Professional Exams, Bannu Medical College, Bannu, Director Research/ Academics & SAS, BMC, Bannu, and Member ethical Committee of BMC & Khalifa gulnawaz Teaching Hospital, Bannu, Coordinator, KMU Professional Exams,**  
Contact # 300-5190641, 0928-9270356, Fax: +92-+92-0928-9270357.

### **Academic Qualification:**

**MSc- (Biochemistry) MSc-MLT (Laboratory Medicine), Pg D (CPSP-Cytopathology), MPH & HA (Public Health & Hospital Administration), M.Phil (Medical Biochemistry), Ph D (Clinical Biochemistry)**

### **PMDC Faculty Registration:**

Faculty Registration No. **3045/Non Medical**

### **Administrative/Working Experience:**

1. Presently working as **Professor (Biochemistry) & Director Admission/ academics & Ex-Students affairs & Exams, along with Director Research, Member ethical committee** Bannu Medical College & Khalifa Gulnawaz Teaching Hospital, Bannu. Pakistan
2. Worked as **Ex-Dean since 2 Dec,2018-11 Dec 2018**, Bannu Medical College, Bannu. Khyber Pakhtunkhwa. Pakistan
3. Worked as **Vice Principal (students affairs & Exams)since 2007 to Dec,2016**, Bannu Medical College, Bannu. Khyber Pakhtunkhwa. Pakistan
4. Worked as **Senior Research Officer (SRO)/ Head & Member ethical committee of the PGMI, HMC, PMRC centre**, Hayatabad Postgraduate Medical Institute, Peshawar.
5. Worked as **Officer Incharge, Cytogenetic Department**, Public Health laboratories Division, National Institute of health, Islamabad.
6. Worked as **Manager Laboratory Medicine**, Public Health laboratories Division, National Institute of health, Islamabad.
7. Worked as **Laboratory Scientific Officer (Clinical Biochemistry),/senior lecturer(biochemistry) College of Medical technology,/Department of Reproductive Physiology/ Health, Public Health Division, National Institute of Health, Islamabad. Pakistan.**

8. Worked as lecturer **Medical Technologist**, Dept of Clinical Pathology, **FNAC** Section, Jinnah Postgraduate Medical Centre (JPMC) Karachi. Pakistan. (2000-2002).

### **Research /Projects Completed:**

1. As a partial fulfillment of the degree of **Doctor of Philosophy** in **Biochemistry**, I have completed my project "Male infertility and the role of ZINC as a trace element".
2. As a partial fulfillment of the degree of **Master of Philosophy** in **Biochemistry**, I have completed my project "Hormonal, Microbiological & Biochemical Studies in Patients having azoospermia and oligozoospermia"
3. As a partial fulfillment of the degree of **Master of Public Health & Hospital Administration**, I have completed my project "Morbidity & mortality rate in Pakistan Medical Research Council, Model Village Budhni, District Peshawar, NWFP"
4. As a partial fulfillment of the degree of **Master of Medical Technology(Laboratory Medicine)**, I have completed my project "**Association of Malarial Parasite with Platelets Count in our Population** "
5. Completed the project "**Determination of normal ranges** of reproductive and thyroid hormones of Rawalpindi and Islamabad region" under Women Health Project, Ministry of Health. Pakistan.

### **Selected Publications:**

**Total Publications & Presentations: > 70**

1. Zada N, **Khan MS.**"The effect of recreational drugs on seminal parameters in males of Pashtoon tribe of Khyber Pakhtunkhwa, Pakistan". *JSM sexualMedicine* 2020;4(4):1040.  
<https://www.jscimedcentral.com/SexualMedicine/>
2. **Khan MS.**, Ullah A, Haq S, Shoaib M. "Frequency of G6PD Deficiency in GeneralPopulationat District Bannu,Khyber Pakhtunkhwa, Pakistan". **JSMC 2020; 10(1): 48-51.**  
<http://jsmc.pk/index.php/jsmc/issue/view/23>
3. Shah HU., Zada N, **Khan MS., et al.** "Evaluation of the results of primary Closure/Resection and Primary Anastomosis with the colostomy in acute Colonic Injured Patients.". **JSMC 2020; 10(1): 74-78.**  
<http://jsmc.pk/index.php/jsmc/issue/view/23>
4. **Muhammad Shoaib Khan., et al.** "Bilateral Psoas Abscess in Out Patients Department District Head Quarter Teaching Hospital Bannu". *EC Clinical and Experimental Anatomy* 3.1 (2020): 01-05.

5. Khan AS, **Khan MS**, Hussain S. Seminal Plasma Zinc Concentration in Infertile Males in Different Classes in Islamabad, Pakistan" with the invoice number "CCRI-v2-1064: 2018" <http://www.clinicalcasereportsint.com/>.
6. **Khan MS**, Ullah R, Ashraf M. The Impact of Seminal Zinc on Sperm Morphology in Infertile Pakistani Patients. *Med Forum* 2018;29(7):12-15.  
[http:// www.medforum.pk](http://www.medforum.pk)  
Deepa F, **Khan MS**, Abrar S, Shahzada A, Tahir F. Obstetrical interventions and surgical procedures to prevent life threatening complications during delivery. *JSMC* 2018.8;1: 10-16. <http://jsmc.pk/index.php/jsmc/issue/view/23>
7. **Khan MS**, Naseer A, Amin M, Shaheen Z, Ajma A, Rose T & Ullah S. The Association of Malarial Parasites with Platelet Count in Our Population. *Ann. Pak. Inst. Med. Sci.* 2017; 13(2):151-156.  
<http://www.pakmedinet.com/APIMS>
8. Abrar S, Abrar T, Khan MS. Frequency of Factors Leading to Peripartum Hysterectomy. *J. Soc. Obstet. Gynaecol. Pak.* 2017; Vol 7(4):211-214.  
<http://www.pakmedinet.com.JSOGP>.
9. Sajjad M., Khan ZA., **Khan, M. S.** Ascetic fluid culture in Cirrhotic patients with spontaneous bacterial peritonitis. *JCPSP.* 2016; 26(8):658-661.  
<http://www.ncbi.nlm.nih.gov/pubmed/22414356>
10. Ahmed Z, Habib A, Khan A, **Khan MS** & Khan MA. Pattern of menarche in adolescent population of district Nowshehra, khyber pukhtoonkhwa, pakistan. *JSMC* 2016; 6(1): 737-42. <http://jsmc.pk/index.php/jsmc/issue/view/23>
11. **Khan MS**, Shah FU, Ahmed Z, & Shah A. Hidden deficiency of micronutrient in apparently healthy children of District Bannu, Khyber Pakhtunkhwa, Pakistan. *Biochem Pharmacol(Los Angel)* 2015; 4(3):1000172. **(International-2.08 IF)** <http://www.omicsgroup.org/journals/hidden-deficiency-of-micronutrients-in-apparently-healthy-children-of-district-bannu-khyber-pakhtunkhwa-pakistan-2167-0501-1000172.pdf>
12. **Khan MS**, Rahim S, Yusuf Nageen, Shah F & Zohaib M. Micronutrient Status in Children of Rural and Urban Population of Bannu region. *Ann. Pak. Inst. Med. Sci.* 2015; 11(1): 3-6.  
<http://www.pakmedinet.com/APIMS>
13. **Khan MS**, Shah F, Khan MZ, & Shah A. An analysis of micronutrient trace elements in children dependent on various modes of feedings. *Asian J. Pharm. Hea.Sci* 2015; 5(1):1188-1192. **(International-0.08 IF)**
14. **Khan MS**, Ullah R, Ullah A, Akram M. Association of Blood Zinc with Reproductive hormones & seminal Cytology. *Ann. Pak. Inst. Med. Sci.* 2014; 10(3): 131-35.  
<http://www.pakmedinet.com/APIMS>
15. Khan MZ, Akhtar SZ, Pervez SN, Khan MS, Malik A. Coagulation profile in pre and post hemodialysis patients of end stage renal diseases. *KJMS* 2014; 7(1):33-6.

16. Khan MZ, Akhtar SZ, Pervez SN, **Khan MS**, Malik A. Serial Ferritine assay levels for monitoring response to iron chelating therapy in patients of Thalassemia major prospective cohort studies. *KJMS* 2014; 7(2):244-49.
17. **Khan MS**, Dilawar, S., Ali, I. Selenium Concentration in healthy individuals of our Population in Pakistan. *J of Research in Medical education & ethics* 2013; 3(2):285-9.  
<http://www.indianjournals.com/ijor.aspx?target=ijor:jrmee&type=home>
18. Zaidi N, Javed N, **Khan MS**. Child labour in Pakistan- a tip of an iceberg. *J Postgrad Med Inst* 2013; 27(3):149-54.  
<http://www.jpmi.org.pk/index.php/jpmi>
19. **Khan MS.**, Jehan S, Akram M, Nawaz R, Zeb M, Lathif Z, Hussain F, Naeem M. Prevalence of Intestinal protozoan & worm infestation in primary school going children of 5-10 years in District Bannu. *Ann. Pak. Inst. Med. Sci.* 2012;8(4):243-248.  
<http://www.pakmedinet.com/APIMS>
20. Khan R, Ali K, Khan Z, Shah S H, Zada N & **Khan MS** Cinnamon on the Functions of Liver and Kidney in Type 2 Diabetic Individuals. *Ann. Pak. Inst. Med. Sci.* 2012;8(2):145-149.  
<http://www.pakmedinet.com/APIMS>
21. **Khan, M. S.**, Muhammad, SH, Deepa F, Tahir F. An association between Pus cells and Semen parameters in infertile Pakistani males. *SQU Medical Journal* 2012; 12(4):378-83(International).
22. **Khan, M. S.**, Shahnaz, Sultana R, Ali I. factors affecting serum ferritin level in School going children of District Bannu. *JPostgrad Med Inst* 2012; 26(3):237-41.  
<http://www.jpmi.org.pk/index.php/jpmi/article/view/1294>
23. **Khan, M. S.**, Deepa ,F., Ahmed,Z., Tahir, F., & Khan, MA., Assessment of male reproductive health by conventional method of semen analysis. *JAMC* 2011; 23(1):84-88.  
<http://www.ncbi.nlm.nih.gov/pubmed/22830155>
24. Khan, M. S., Dilawar, S., Ali, I., Rauf N. The Possible role of Selenium Concentration in hepatitis B & C patients. *Saudi J gasterentrol.* 2012; 18(2):106-10. **(International-Impact factor 0.7)**  
<http://www.ncbi.nlm.nih.gov/pubmed?term=role%20of%20selenium%20in%20hapititus%20b%20%26%20c%20in%20Bannu>
25. **Khan, M. S.**, Ullah, R., Tahir, F., Sajjad M. Seminal volume in the investigation of male infertility. *JCPSP.* 2012; 22(3):159-162.  
<http://www.ncbi.nlm.nih.gov/pubmed/22414356>
26. **Khan, M. S.**, Zaman S., Sajjad M., Shoaib M., & Jilani G. Assessment of the level of trace element zinc in seminal plasma of males and evaluation of its role in male infertility. *IJABMR.* 2011; 1(2):93-96. **(International)**  
<http://www.ijabmr.org/article.asp?issn=2229-516X;year=2011;volume=1;issue=2;spage=93;epage=96;aulast=Khan>
27. **Khan, M. S.**, Majid, A., Sajjad M., Ullah, S. 2011. Hepatitis B & C: An alarming situation in southern part of Khyber paktunkhwa. *Ann. Pak. Inst. Med. Sci.*:7(4):228-232.  
<http://www.pakmedinet.com/APIMS>

28. Akhtar T., **Khan, M. S.**, Ahmed, I., Ahmed I. Family planning practices in model village of rural community in Pakistan: a 16 year experience. *JPMI* 2011; 25(4):318-23.  
<http://www.pakmedinet.com/17584>
29. Majid A., **Khan, M. S.**, Fiaz M. Unusual Presentation of Falciparum Malaria as Generalized Anxiety Disorder at DHQTH, Bannu. *Ann.Pak. Inst. Med. Sci.* 2011; 7(1):26-28.  
<http://www.pakmedinet.com/16711>
30. Alam W., **Khan, M. S.**, Akhtar, J., Bibi,R., Shabir A, Qazi BM.. Trend of Fertility potentials with Increasing Age in Pakistani Males. *JPMI* 2011; 25(1):9-13.  
<http://www.jpmi.org.pk/index.php/jpmi/article/view/1130>
31. **Khan, M. S.**, Jehan,S., Ahmed,Z., Khan S, Zaman S, & Shah FU. Relationship between blood group and male infertility. *JAMC* 2010; 22(1):154-156.  
<http://www.ncbi.nlm.nih.gov/pubmed?term=Blood%20groups%20and%20male%20infertility%20in%20pakistan>
32. **Khan, M. S.**, Jehan,S., Ahmed,Z., Khan S, Zaman S, & Shah FU. Common trend of antibiotic usage in tertiary care Hospital of Khyber pakhtun Khwa *JAMC* 2010; 22(1):118-120.  
<http://www.ncbi.nlm.nih.gov/pubmed?term=common%20trend%20of%20antibiotic%20usage%20in%20tertiary%20care%20hospital>
33. Bashir,M., Zaman,S., ullah,R., **Khan, M. S.**, et al. 2010. Study of hematological and clinical presentation of Acute Leukemia in our set up at Khyber PakhtunKhwa *JGMS*:8(2):134-140.  
<http://www.pakmedinet.com/18944>
34. Ahmed, Z., **Khan, M. S.**, Khan, M.A., Haq,A.A.,Rehman, J. 2010. Seminal Fructose in Various classes of infertile patients. *Pak J Physiol* 6(1):36-38.  
<http://www.pakmedinet.com/PJPhysiol>
35. Majid, A., **Khan, M. S.**, Ullah, S. 2010. Rising prevalence of Hepatitis B & C and risk factors at District Headquarter Teaching hospital Bannu, Khyber-PakhtunKhwa *JCPSP*:20(7):492-493.  
<http://www.ncbi.nlm.nih.gov/pubmed/20642957>
36. Majid, A., **Khan, M. S.**, Haq, N. 2009. Oral Snuff use and carcinoma oesophagus. *JGMS*: 7(1):58-61.  
<http://www.pakmedinet.com/14497>
37. **Khan, M. S.**, Hussain. I., Kazmi, N., R., Majid, A., Javaid, A. 2009. Morbidity & Mortality in children in rural communities of District Peshawar, *JGMS*: 7(1):31-34.  
<http://www.pakmedinet.com/14504>
38. Zaman, S., Zulfiqar, s., **Khan, M. S.** 2009. Evaluation of the effects of Clomophene citrate on serum Testosterone & FSH levels & seminal parameters (semen volume, sperm density and sperm motility) in idiopathic oligospermia. *Biomedica* 25(1): 48-51.  
<http://www.pakmedinet.com/15207>
39. **Khan, M. S.**, Ali. I., Tahir, F.,Majid, G. 2008. Simultaneous analysis of the three hormones involved in spermatogenesis and their inter-relation ratios: *Pak.J .Phar Sci.* 21(4):344-349. **(Impact factor 0.7)**  
<http://www.ncbi.nlm.nih.gov/pubmed?term=simultaneous%20analysis%20of%20the%20three%20hormones%20involved%20in%20spermatogenesis>

40. Alam, W., **Khan, M.S.**, Tahir, F., Subhan, F., and Wahid, F. 2008. The existence of gonadotrophin in a local system of medicine of animal origin used for contraception. *Hamdard Medicus*; 51(1); 149-153.
41. Ali, I., **Khan, M. S.**, Baloch, M, K., Naz, R., Tahir, F. 2007. Comparative of zinc concentration in seminal plasma between fertile and infertile men. Proceedings organized by the chemical Society of Pakistan, 7<sup>th</sup> international & 17 the national chemistry conference. 26-28 the February, 2007. 52-55.
42. Khan, AU. **Khan, M. S.**, Javaid, A. Nisa, W., Basit, A and Rehman L. 2007. Career planning by the Doctors in NWFP. *JPMI*. 21(4): **270-273**.  
[http://www.pakmedinet.com/journal/39/1/December/2007/21\(4\)](http://www.pakmedinet.com/journal/39/1/December/2007/21(4))
43. **Khan, M. S.**, Ali.I. Hassan, M., Nawaz, K., Zeb, M., Anwar, W., Ullah, A., Zada, L., and Javaid, A. 2007. Determination of serum Gonadotropin and Testosterone levels in male infertility. *JPMI*. 21(2): **86-91**.  
<http://www.pakmedinet.com/11839>
44. **Khan MS**, Khattak AM, Anwar W, Khan FS, Hussain I, Javaid A. 2007. Level of Thyroid hormones in elderly men: A report of 127 cases. *GJMS*.5(1);1-4.  
[http://www.pakmedinet.com/journal/53/1/December/2007/5\(2\)](http://www.pakmedinet.com/journal/53/1/December/2007/5(2))
45. Khan, M, Z., **Khan, M. S.**, Raziq, F., and Khattak, A., M. 2007. Fibrinogen degradation products and D-dimers in patients with breast carcinoma. *GJMS*. 5(1): **9-12**.  
[http://www.pakmedinet.com/journal/53/1/December/2007/5\(2\)](http://www.pakmedinet.com/journal/53/1/December/2007/5(2))
46. **Khan, M.S.**, Alam, W., Tahir, F., Subhan, F., s, sikandar and Kazi, B, M.2007. Contraception in traditional system of medicine: The possible role of sex steroids on female reproduction. *HAMDARD MEDICUS*.50 (1):36-39.
47. **Khan, M. S.**, Ali. I., Sheikh M. et al. 2006. Does LH/T and T/ LH ratio important for the investigation of male infertility. *Med. Forum* 17(6):**5-9**.  
<http://www.pakmedinet.com/MF>
48. **Khan, M. S.**, Ali.I., Khattak, A., M. Khan, M., A. and Javaid, A. 2006. Frequency of polyzoospermia and teratozoospermia in our set up at NIH, Pakistan. *GJMS*. 4(1): 10-14.  
[http://www.pakmedinet.com/journal/53/1/June/2006/4\(1\)](http://www.pakmedinet.com/journal/53/1/June/2006/4(1))
49. **Khan, M.S.**, Farooq, N., Qamar, N., Tahir, F., Subhan, F., Kazi, B, M., Fiyaz, M., and Karamat, A, K.2006. Trend of Blood groups and Rh factor in the twin cities of Rawalpindi and Islamabad. *JPMA*, 56 (7): 299-301.  
<http://www.ncbi.nlm.nih.gov/pubmed?term=Trend%20of%20Blood%20groups%20and%20Rh%20ofactor%20in%20the%20twin%20cities%20of%20Rawalpindi%20and%20Islamabad>
50. **Khan, M.S.**, Alam, W., Tahir, F., Subhan, F., Haq, I, U., Kazi, B, M., and Karamat, A, K.2006. The possible role of steroid hormones present in *Vitex negundo* and its efficacy as contraceptive. *Hamdard Medicus*, 49 (1):183-186.
51. **Khan, M.S.**, Raja F, Y., Ishfaq, G., Tahir, F., Subhan, F., Kazi, B, M., and Karamat, A, K.2005. PAP smear screening for pre- cancerous conditions of the cervical cancer. *PJMR*, 44(3): 111-13.  
[http://www.pakmedinet.com/journal/11/1/September/2005/44\(3\)](http://www.pakmedinet.com/journal/11/1/September/2005/44(3))
52. **Khan, M. S.**, Ali, I., and I, Khan. 2005. Hormonal disorders associated with infertility in male. *Intl. Chem. Pharm. Med.J*. 2(2): 259-262.

53. **Khan, M. S.**, Ali. I., Khattak, A. M., Tahir, F, Subhan, F., Kazi, B.M., Aurakazai, J,K., and Usman,N. 2005. Role of estimating serum luteinizing hormone and testosterone in infertile males. *GJMS*. **3(2)**: 61-65.  
<http://www.pakmedinet.com/11032>
54. **Khan, M. S.**, Ali.I., Khan, Z. A., Tahir, F, Subhan, F., Deepa, F., Alam.W., Kazi, B.M., and Karamat, A. K. 2005. Pattern of semen characteristics in infertile males. *GJMS*. **3(1)**: 6-9.  
<http://www.pakmedinet.com/11020>
55. Sheikh, M, A., **Khan, M.S.**, Danyal, A., Zaidi, S.S.H., Begum, B., and Turabi, A.2005. Azoospermia and Oligozoospermia: Semen and Hormonal analysis of patients. *The Professional*. **12(1)**: 80-84.  
<http://www.pakmedinet.com/Professional>
56. **Khan, M. S.**, Tahir, F, Sheikh, M.A., Subhan, F., Kazi, B.M., Dil, A.S., Deepa, F., Ali, I. and Baloch, M.K. 2004. An analysis of genotype frequency of blood group antigens from Bannu region (NWFP) in Pakistan. *GJMS*. **2(1)**: 1-5.  
<http://www.pakmedinet.com/>
57. **Khan, M.S.**, Subhan, F., Tahir, F., Kazi, B.M., Dil, A.S., Sultan, S, Deepa, F, Khan, F., and Sheikh, M.A.2004. Prevalence of Blood groups & Rh factor in Bannu (NWFP) Pakistan. *PJMR*.Vol: **43, (1)** 8-10.  
<http://www.pmr.org.pk/bldgp.htm>
58. **Khan, M. S.**, Tahir, F, Sheikh, M.A., Subhan, F., Kazi, B.M., Dil, A.S., Deepa, F., Sultan, S., Ali, I. and Baloch, M.K. 2004. A study of genotypic frequency of various blood group alleles. *Proc. Pakistan Acad. Sci.* **41(2)**: 89-93.  
URL: <http://www.paspk.org/indexa.htm>
59. Ali, I., **Khan, M.S.**, Baloch, M.K., Khan, G.M.2002. Biochemical Analysis of patients having Oligospermia and Azoospermia. *J.Med Sci.* **2(21)**: 47-48.
60. **Khan, M.S.**, Subhan, F., Tahir, F., Sultan, S., Deepa, F., Kazi, B. M. and Karamat, A. K. 2004. Is gonadotropin ratio important for the investigation of male infertility? 28<sup>th</sup> Annual Conference of the Pakistan Association of pathologists. Pakistan Institute of Medical Sciences, Islamabad, Pakistan (December 24-26, 2004)
61. **Khan, M.S.**, Ali, I., Baloch, M.K., Salam, A. ‘Semen Characteristic of infertile Pakistani Men’ 2001. 38<sup>th</sup> Annual Symposium on Contemporary Medicine and Information Technology, Jinnah Postgraduate Medical Centre. Karachi. Pakistan. (February 13-15, 2001).
62. **Khan, M.S.**, Ali, I., Baloch, M.K., Salam, A. ‘Semen Characteristic of infertile Pakistani Men’ 2001. 38<sup>th</sup> Annual Symposium on Contemporary Medicine and Information Technology, Jinnah Postgraduate Medical Centre. Karachi. Pakistan. (February 13-15, 2001).

### **Impact Factor papers:**

- Sajjad M., Khan ZA., **Khan, M. S.** Ascetic fluid culture in Cirrhotic patients with spontaneous bacterial peritonitis. *JCPSP*. 2016; 26(8):658-661.  
**(Impact factor 0.55)**

- **Khan MS**, Shah FU, Ahmed Z, & Shah A. Hidden deficiency of micronutrient in apparently healthy children of District Bannu, Khyber Pakhtunkhwa, Pakistan. *Biochem Pharmacol*(Los Angel) 2015; 4(3):1000172. **(International-2.08 IF)**
- **Khan MS**, Shah F, Khan MZ, & Shah A. An analysis of micronutrient trace elements in children dependent on various modes of feedings. *Asian J. Pharm. Hea.Sci* 2015; 5(1):1188-1192. **(International-0.08 IF)**
- **Khan MS**, Dilawar, S., Ali, I. Selenium Concentration in healthy individuals of our Population in Pakistan. *J of Research in Medical education & ethics* 2013; 3(2):285-9. **(International-Pubmed)**
- **Khan, M. S.**, Muhammad, SH, Deepa F, Tahir F. An association between Pus cells and Semen parameters in infertile Pakistani males. *SQU Medical Journal* 2012;12(4):378-83.**(International-Pubmed)**
- **Khan, M. S.**, Deepa ,F., Ahmed,Z., Tahir, F., & Khan, MA., Assessment of male reproductive health by conventional method of semen analysis. *JAMC* 2011; 23(1):84-88. **(Impact factor 0.0)**
- **Khan, M. S.**, Dilawar, S., Ali, I., Rauf N. The Possible role of Selenium Concentration in hepatitis B & C patinets. *Saudi J gasterentrol.* 2012; 18(2):106-10. **(International-Impact factor 0.7)**
- **Khan, M. S.**, Ullah, R., Tahir, F., Sajjad M. Seminal volume in the investigation of male infertility. *JCPSP.* 2012; 22(3):159-162. **(Impact factor 0.55)**
- **Khan, M. S.**, Zaman S., Sajjad M., Shoaib M., & Jilani G. Assessment of the level of trace element zinc in seminal plasma of males and evaluation of its role in male infertility. *IJABMR.* 2011; 1(2):93-96. **(International-Pubmed)**
- **Khan, M. S.**, Jehan,S., Ahmed,Z., Khan S, Zaman S, & Shah FU. Relationship between blood group and male infertility. *JAMC* 2010; 22(1):154-156. **(Impact factor 0.0)**
- **Khan, M. S.**, Jehan,S., Ahmed,Z., Khan S, Zaman S, & Shah FU. Common trend of antibiotic usage in tertiary care Hospital of Khyber pakhtun Khwa *JAMC* 2010; 22(1):118-120. **(Impact factor 0.0)**
- Majid, A., **Khan, M. S.**, Ullah, S. 2010. Rising prevalence of Hepatitis B & C and risk factors at District Headquarter Teaching hospital Bannu, Khyber-PakhtunKhwa *JCPSP*:20(7):492-493. **(Impact factor 0.55)**



- **Khan, M. S.**, Ali. I., Tahir, F.,Majid, G. 2008. Simultaneous analysis of the three hormones involved in spermatogenesis and their inter-relation ratios: *Pak.J .Phar Sci.* 21(4):344-349. **(Impact factor 0.7)**

### **Selected (National & International)Workshops/Seminars Attended**

- Presented lecture in **International Health Expo-Lahore**, Pakistan (23-24 February,2018)
- Attended two days work shop on **Biosecurity & Biosafety for Pathologists & Scientists**. Public health Division, National Institute of Health, Islamabad, Pakistan (May 17-18, 2011).
- Attended two days work shop on Developments of **SEQs & MCQs for MBBS students**. Khyber Medical University, Peshawar, Pakistan (April 15-16, 2010).
- Attended Two days national training Seminar on **Biosafety & biosecurity Initiatives**. Under the auspices of U.S, Departments of States Biosecurity engagement program, PARC & Planning Commission of Pakistan, Islamabad, Pakistan (June 18-19, 2007).
- Attended two days work shop on **Curriculum Development of MBBS**. Khyber Medical University, Khyber Medical College, Peshawar, Pakistan (November 3-4, 2007).
- Attended three days work shop on **Research Methodology. Khyber Medical College**, Peshawar, Pakistan (August 8-10, 2006).
- Participated in the 4 days **National Consultative Meeting of the Experts** to finalize National Guidelines on Quality Assurance in Laboratory Medicines 21s<sup>t</sup> – 23<sup>rd</sup> June2005.WHO, Ministry of Health, Islamabad, Pakistan
- Training Course on **Comprehensive technique in the investigation of Male Infertility**. Held at the Department of Reproductive Physiology/Health, Public Health Laboratories Division, National Institute of health Islamabad. Pakistan, from 30th May 1999 to 08th June 1999.
- Participated in the CME workshop **of laboratory Medicine**, Al-Dhahira region, Ministry of Health, **Sultana-e- Oman** November 1996.
- Training Course on Hitachi 911 Chemistry analyzer. Held at the Ibri Regional referral hospital, Ministry of Health, Muscat, **Sultanate-e- Oman**, from 05th May 1995 to 01st September 1995.

### **ACADEMIC ACTIVITIES:**

1. **Examiner** of MBBS (First Prof Part 1 & 2<sup>nd</sup> Prof II), Khyber Medical University, Peshawar, in the subject of Biochemistry.
2. **Chief examiner**, Khyber Pakhtunkhwa Medical faculty, Peshawar
3. **Examiner** of MBBS (First Prof Part 1 & II), Kohat Medical College, University of Science & Technology, kohat, for the subject of Biochemistry.
4. **Examiner of M.Phil Examination/Evaluator** (Biochemistry), Gomal University, DIK, NWFP. Pakistan.
5. **Examiner of M.Phil Examination/Evaluator (Biochemistry)**, Hazara University, Mansehra, NWFP. Pakistan.

6. **Paper setter** of the University & Science & Technology, Bannu, in the subject of Biochemistry, First Professional **Part I & II, for MBBS** students.
7. **Examiner** of MBBS (First Prof Part 1 & II), Bannu Medical College, University of Science & Technology, Bannu, for the subject of Biochemistry.
8. **Paper setter** of the Punjab University for the subject of Clinical Biochemistry for Bsc Medical Technology students.
9. **Paper setter** of the Punjab University for the subject of Exfoliative Cytopathology for Bsc Medical Technology students.
10. **Paper setter** of the Punjab University for the subject of advance Clinical Biochemistry for Bsc Medical Technology students.
11. **Paper setter** of the Punjab University for the subject of Medical Instrumentation for BSc Medical Technology students.
12. **Paper setter** of the Board of intermediate & secondary examination Islamabad, for the subject of elementary chemistry & chemical pathology.
13. **Paper setter** of the Board of intermediate & secondary examination Karachi, for the subject of elementary chemistry & chemical pathology.
14. **Examiner** of the Punjab University for the subject of clinical biochemistry.
15. **Examiner** of the Punjab University for the subject of exfoliative cytopathology.
16. **Examiner** of the Punjab University for the subject of elementary anatomy & microtechnique.
17. **Examiner** of the Board of intermediate & secondary examination Abbottabad, for the subject of elementary chemistry & chemical pathology, Microbiology-I & elementary anatomy & micro technique.

## **Research Activities;**

**HEC Supervisor: Nominated as HEC supervisor for MPhil & Ph D**

**As Supervisor:**

1. MPH program (Provincial Health services academy, Peshawar)
2. M.Sc (Biochemistry) Arid Agriculture University, Rawalpindi
3. M.Sc (Biochemistry) Arid Agriculture University, Rawalpindi

**As Co-Supervisor:**

1. M.Phil Hazara University
2. M.Phil Gomal University
3. M.Phil Gomal University
4. M.Phil Bannu University of Science & Technology

**As associate editor:**

1. JPMI, LRH, Peshawar.
2. As Research Director/Head, PMRC,HMC, Peshawar
3. As Research Director, BMC, Bannu

**As a Subject specialist:**

1. University of Haripur
2. University of BUST, Bannu

## **Member Activities/Experience;**

**As a member Board of Governor:**

1. Akram Khan Durrani College, Bannu vide Govt of elementary education, Khyber Pakhtunkhwa

**As member Technical advisory Committee:**

1. Pakistan Medical Research Council, Ministry of Health, Islamabad

**As a member Inspection Team:**

1. **Pakistan Medical & dental Council, Islamabad**
2. **Medical Faculty of allied Health Sciences, Peshawar**

**As member BoS:**

1. University of Science & Technology, Haripur, Khyber Pakhtunkhwa

**As member ethical Committee:**

1. Bannu Medical College & Khalifa gulnawaz Teaching Hospital, Bannu

**As Coordinator KMU:**

1. Coordinator, Professional Exams, Khyber Medical University, Peshawar

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**References:**

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**DELARATION**

◆ I declare that the information given above is true and accurate

• **Signature**      **Dr, Muhammad Shoaib Khan**                      **Date**