

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 & Journal / Academics & SAS, BMC, Bannu, and Member ethical Committee of BMC & Khalifa gulnawaz Teaching Hospital, Bannu, Ex- 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), CHPE (KMU-Health Prof Edu) 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 & Journal, 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. **Khan MS**, Khan HU, ul Haq I, Ullah R & Shoaib M. Multiple Adverse Drugs Effect in Pashtoon Patients with Helicobacter Pylori Infections in Pakistan.2021. BioMed Res J, 5(3): 464-468.
[https://www.scitcentral.com/article.\(International\)](https://www.scitcentral.com/article.(International))
2. **Khan MS**, Khan S, Mustafa A, Khan MZ, Haq I U, Khan MS. Hepatotoxicity in patients using DOT therapy in Bannu, Khyber Pakhtunkhwa, Pakistan. KJMS Sept-Dec2020, 13(3):356-360.
<https://kjms.com.pk/index.php/kjms>
3. Usman., N., Rehman., M.A., Ghafoor., M. B.,Malik., M.A., **Khan., M.S.**, Bukhari, A.S. Evaluation of Prognostic response in HIV positive patients after Antiretroviral therapy. Journal of Rawalpindi Medical College. 30 sep.2020; 24(3):283-287.
<http://doi.org/10.37939/jemc.v24;3.1483>

4. Zada N, **Khan MS.** "The effect of recreational drugs on seminal parameters in males of Pashtoon tribe of Khyber Pakhtunkhwa, Pakistan". *JSM sexual Medicine* 2020;4(4):1040.
<https://www.jscimedcentral.com/SexualMedicine/>
5. **Khan MS.**, Ullah A, Haq S, Shoaib M. "Frequency of G6PD Deficiency in General Population at District Bannu, Khyber Pakhtunkhwa, Pakistan". **JSMC 2020; 10(1): 48-51.**
<http://jsmc.pk/index.php/jsmc/issue/view/23>
6. 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>
7. **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.
8. 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/>.
9. **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>
10. **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>
11. 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.
12. 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>
13. 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>
14. **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>

15. **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>
16. **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)**
17. **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>
18. 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.
19. 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.
20. **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>
21. 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>
22. **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>
23. 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>
24. **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).
25. **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>
26. **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>
27. 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>

28. **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>
29. **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>
30. **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>
31. 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>
32. 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>
33. 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>
34. **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>
35. **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%20%20care%20hospital>
36. 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>
37. 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>
38. 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>
39. Majid, A., **Khan, M. S.**, Haq, N. 2009. Oral Snuff use and carcinoma oesophagus. *JGMS*: 7(1):58-61.
<http://www.pakmedinet.com/14497>

40. **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>
41. 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>
42. **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%20soermatogeesis>
43. 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.
44. 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, 7th international & 17 the national chemistry conference. 26-28 the February, 2007. 52-55.
45. 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))
46. **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>
47. **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))
48. 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))
49. **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.
50. **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>
51. **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))
52. **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%20factor%20in%20the%20twin%20cities%20of%20Rawalpindi%20and%20Islamabad>

53. **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.
54. **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))
55. **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.
56. **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>
57. **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>
58. 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>
59. **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/>
60. **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>
61. **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>
62. 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.
63. **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? 28th Annual Conference of the Pakistan Association of pathologists. Pakistan Institute of Medical Sciences, Islamabad, Pakistan (December 24-26, 2004)
64. **Khan, M.S.**, Ali, I., Baloch, M.K., Salam, A. 'Semen Characteristic of infertile Pakistani Men" 2001. 38th Annual Symposium on Contemporary Medicine and Information Technology, Jinnah Postgraduate Medical Centre. Karachi. Pakistan. (February 13-15, 2001).

65. **Khan, M.S.**, Ali, I., Baloch, M.K., Salam, A. 'Semen Characteristic of infertile Pakistani Men" 2001. 38th 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 21st – 23rd 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 & 2nd 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
4. BS(H)MLT, Khyber Medical University, Peshawar

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
4. Editor JPMRC
5. Chief Editor BMC J Med Sci

As a Subject specialist:

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

Books Published:

1. **Experimental Biochemistry Manual for 1st & 2nd Prof MBBS & BDS**

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