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| Name and current position | **Momin Khan**  **Assistant Professor**  Department of Microbiology  Institute of Basic Medical Sciences  Khyber Medical University Peshawar, Pakistan |
| Personel information | **Date Of Birth:** 13-04-1978  **Marital status :** Married  **CNIC:** 16202-3013041-9  **Contact Phone no** :00923479803912,  **Email address** mominkhan.ibms@kmu.edu.pk |
| Educational Qualification | **2001: MSc. Biological Sciences (Zoology**) Quaid-i-Azam (QAU) University  Islamabad  **2003:M.Phil. Microbiology ,** Quaid-i-Azam (QAU) University Islamabad  **2012-2017 : PhD Infectious Diseases** (in progress: Thesis writing stage)  Quaid-i-Azam (QAU) University Islamabad |
| *Publications* | **1**: Akhtar Nadhman, Malik Ihsanullah Khan, Samina Nazir**, Momin Khan**, Gul Shahnaz, Abida Raza, Dilawar Farhan Shams ,Masoom Yasinzai “[Annihilation of Leishmania by daylight responsive ZnO nanoparticles: A temporal relationship of reactive oxygen species-induced lipid and protein oxidation](https://www.researchgate.net/publication/303717082_Annihilation_of_Leishmania_by_daylight_responsive_ZnO_nanoparticles_A_temporal_relationship_of_reactive_oxygen_species-induced_lipid_and_protein_oxidation?_iepl%5BviewId%5D=Tzgp0cRbqiPSjFkUXkYj7bUw&_iepl%5BprofilePublicationItemVariant%5D=default&_iepl%5Bcontexts%5D%5B0%5D=prfpi&_iepl%5BtargetEntityId%5D=PB%3A303717082&_iepl%5BinteractionType%5D=publicationTitle)”International Journal of Nanomedicine (2016:11 2451–2461)  **2**: Imran Khan**, Momin Khan**, [Muhammad Naveed Uma**r**](https://www.researchgate.net/scientific-contributions/2073866753_Muhammad_Naveed_Umar), [Deog-Hwan Oh](https://www.researchgate.net/profile/Deog-Hwan_Oh) “Attenuation and Production of the Amphotericin B-Resistant Leishmania tropica Strain” Jundishapur J Microbiol. 2016 June; 9(6):e32159  **3**: Muhammad Jaseem Khan, Saeed Ahmed, **Momin Khan** “Increase in serum alkaline phosphatase due to fatty meal in undergraduate students of Khyber Medical University, Khyber Pakhtunkhwa”J Pak Med assoc (**2016**) 66:378-379  **4**: **Momin Khan,** Farzana Jan, Imran khan “Invitro efficacy of chloroquine and clarithromycin against *Leishmania tropica KWH23*”  **Adv** **basic med sci**.2015;1(2): 79-83.  **5:** Akhtar Nadman ,samina nazir,Malik Ihsanullah khan,Attia Ayub,bakhtiar mohammad, **Momin Khan**, Dilawar Farhan shams, Masoom yasinzai “visible-light responsive ZnCuO nanoparticles :benign photodynamic killer of infectious protozoan” **International journal of nanomedicine (2015) 6891-6903**  **6**: Imran khan, **Momin Khan**, M.Navedd Umar “Nanobiotechnology and its applications in drug delivery system:a review” **IET Nanobiotechnology (2015) ,1-5**  7: Muhammad saisd ,Jamil Ahmad,wajid rehman,amin badsha, **Momin khan** .Faza Rahim “Synthesis,structural characterization and antibacterial studies of trisubstituted of guanidine and their Copper(II) Complexes” **Inorganica chemical acta 434 (2015) 7-13**  **8**: Masoom Yasinzai, **Momin Khan**, Akhtar Nadhman & Gul Shahnaz “Drug resistance in leishmaniasis: current drug-delivery systems and future perspectives” **Future Med. Chem. (2013) 5(15), 1877–1888**  **9:** Ali Talha Khalil, Imran Khan, Kafeel Ahmad, Yusra Ali Khan, **Momin Khan,** Muhammad Jaseem Khan “Synergistic antibacterial effect of honey and Herba Ocimi Basilici against some bacterial pathogens”  **J Tradit Chin Med (2013); 33(6): 810-814**  **10:** SHER WALI KHAN, JAVED HUSSAIN SAMMER YOUSUF, KHALID MOHAMMED KHA, **MOMIN KHAN** “ Synthesis X-Ray Crystallography and Antimicrobial Activity of Protected and Deprotected Amides” **J. Chem. Soc. Pak., Vol. 35, No.3, 2013**  11: .Zahir Sha,Ilyas M khan Momin Khan,Aftab Ahmad. ” “Antimicrobial activities of selected medicinal plan collected from Northern districts of Khyber pakhtunkhwa,Pakistan” **journal of Pharmacy Research:2012 vol.5 issue 3 P 1729**  12: Jin Soo Oh, Yoon Ha, Sung Su An, **Momin Khan,** William  A. Pennant, Hyo Jin Kim, Do Heum Yoon Minhyung Lee and Keung Nyun Kim “Hypoxia preconditioned adipose tissue-derived mesenchymal stem cell increase the survival and gene expression of engineered neural stem cells in a spinal cord injury model**”** [**Neuroscience Letters**](http://www.sciencedirect.com/science/journal/03043940)**, 2010;** [**472:**](http://www.sciencedirect.com/science?_ob=PublicationURL&_tockey=%23TOC%234862%232010%23995279996%231783496%23FLA%23&_cdi=4862&_pubType=J&view=c&_auth=y&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=4fc4811b8f470369a6b6eee90800d8a8) **215-219.**  13: Zia-ur-Rehman[a](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6TH8-4WSY4H1-4&_user=10&_coverDate=11%2F03%2F2009&_rdoc=1&_fmt=high&_orig=search&_sort=d&_docanchor=&view=c&_searchStrId=1380875832&_rerunOrigin=google&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=4c2fc237d3eb66f652f3fb791acf47b8#aff1), **Momin Khan**, Niaz Muhammad, Shaukat Shuja, Saqib AlI, Ian S. Butler[b](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6TH8-4WSY4H1-4&_user=10&_coverDate=11%2F03%2F2009&_rdoc=1&_fmt=high&_orig=search&_sort=d&_docanchor=&view=c&_searchStrId=1380875832&_rerunOrigin=google&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=4c2fc237d3eb66f652f3fb791acf47b8#aff2), Auke Meetsmac “New dimeric, trimeric and supramolecular organotin (IV) dithiocarboxylates: Synthesis, structural characterization and biocidal activities” [**Polyhedron**](http://www.sciencedirect.com/science/journal/02775387)**, 2009; 28**[**:**](http://www.sciencedirect.com/science?_ob=PublicationURL&_tockey=%23TOC%235276%232009%23999719983%231529180%23FLA%23&_cdi=5276&_pubType=J&view=c&_auth=y&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=7f12137596d5d2acdc562fa3d57b634a)**3439-3448.** |
| *Honor and Awards* | **1)** Winner of the President Talent Farming Scheme scholarship in Biology at  M.Sc. level granted by University Grants Commission (now HEC)  Islamabad for the session 1999-2000  2) Best teacher certificates awarded by Khyber medical university in 2011 and 2015 and 2016 |
| Service Activity | **Jan 2011-till date 2017: Assistant Professor Microbiology**  **IBMS Khyber Medical university Peshawar**  **Sep.2004 – Dec 2010** Lecturer, university of Peshawar ( Centre of  Biotechnology and Microbiology and Dept. of  zoology) Khyber Pakhtunkhwa, Pakistan  **May 2009-April 2010**  Researcher,Yonsei University college of Medicine, Dept of Neurosurgery,seoul South Korea |
| Research Interest | Drug resistance ,Nanomedicine, Drug delivery system, |
| *International Presentations* | 1)”silicon nanowires chips as substrate for the culture of neural stem cells” presented at Yonsei University South Korea. |