

## Curriculum Vitae: Samreen Sarfaraz

PMC no: 36728-P

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### Current Designations

- Section Head , Department of Infectious Diseases, since Jan 2024
- Chair Infection Control , Indus Hospital & Health Network , since October 2022
- Consultant Infectious Diseases at The Indus Hospital since August 2016
- Chair , Infection Control Committee since March 2021
- Member Antibiotic Stewardship Committee since 2017
- Member Clinical Ethics Committee since 2019
- Served as Program Director ID fellowship training from 2018-Dec2023

### Professional Qualifications

- May 2024, In Person training , Intensive Infection Prevention and Control Course for Infection Preventionists , St Judes Global
- March 2024, St Judes Global Academy , Infectious Diseases, Training Certificate
- February 2023, Certification in Health Professional Education
- October 2022, Certification in Infection Control
- June 2019, Diploma of Fellowship FRCP (Glasg)
- October 2015: Specialty Certificate In Infectious Diseases (SCE-ID), (Royal College of Physicians, UK)
- July 2011: MRCP MEDICINE (UK), (Royal College of Physicians, UK)
- January 2000: MBBS, (Punjab University)

### RESEARCH:

- Determinants of in-hospital mortality in COVID-19; a prospective cohort study from Pakistan –Samreen Sarfaraz et al, PLOS ONE , published May 27 , 2021 (<http://doi.org/10.1371/journal.pone.0251754>)
- WHO Point Prevalence Survey to describe the use of antimicrobials at a Tertiary care centre in Pakistan :A situation analysis for establishing an antimicrobial stewardship program , QuratulAin Sheikh, Samreen Sarfaraz, Anum RahimAnila Hussain , Shamim Behram , Amir Kazi , Mujahid Hussain , Naseem Salahuddin . Published in Journal Antibiotics in Nov. 2022 (<https://doi.org/10.3390/antibiotics11111555>)
- Breakthrough COVID-19 infections-Analysing our experience; Aneela Hussain, Samreen Sarfaraz, Sabiha Anis, quratul Ain Sheikh, Anum Rahim, Shameem Behram , Rabeea Shah, Owais Khan Pak J Med Sci. 2023;39(5):1225-1231. Doi: <https://doi.org/10.12669/pjms.39.5.6724>
- Effect of Remdesivir on mortality and length of stay in hospitalized COVID-19 patients :A single center study , Quratulain Shaikh, Samreen Sarfaraz, Anum Rahim, Mujahid Hussain, Rabeea Shah, Sara Soomro. Pakistan Journal of Medical Sciences .(<http://doi.org/10.12669/pjms.38.ICON-2022.5779>)
- Is Tocilizumab an effective therapy for Severe Covid-19: a retrospective Cohort study –Samreen Sarfaraz, Quratul Ain Sheikh , Sundus Iftikhar, Fivzia Farooq Herekar, Syed Ghazanfer Saleem, Fatima Kanani , Published in Journal Ayub Medical College , October 2022 , DOI : [10.55519/JAMC-04-10963](https://doi.org/10.55519/JAMC-04-10963)
- Histopathological and Microbiological findings and diagnostic performance of GeneXpert in clinically suspected tuberculous lymphadenitis . Samreen Sarfaraz et al, InternationalJournal of infectious Diseases , published by Elsevier Ltd , September 2018 ( <http://doi.org/10.1016/j.ijid.2018.08.020>) Tuberculosis in Transplantation:Insight from TB Endemic areas , accepted for publication in Current Infectious Disease Reports. Nosheen Nasir, Samreen Sarfaraz, Iffat Khanum, Tehreem Ansari, asma Nasim, Sunil Dodani, Shobha Luxmi

<ul style="list-style-type: none"> <li>• Tuberculosis in Transplantation:Insight from TB Endemic areas , published 13/7/2021 in Current Infectious Disease Reports- Nosheen Nasir, Samreen Sarfaraz, Iffat Khanum, Tehreem Ansari, asma Nasim, Sunil Dodani, Shobha Luxmi (DOI:10.1007/s11908-021-00756-z)</li> </ul>
<ul style="list-style-type: none"> <li>• Clinical manifestation and outcomes of multi-drug resistant (MDR) Roulletta terrigena infection-A caseseries at Indus Health Network ,Karachi, Pakistan, ID Cases , published by Elsevier Ltd, August 2019 (<a href="http://doi.org/10.1016/j.idcr.2019.e00628">http://doi.org/10.1016/j.idcr.2019.e00628</a>)</li> </ul>
<ul style="list-style-type: none"> <li>• Frequency, clinical characteristics, risks,and outcomes of Paradoxical upgrading reactions during anti-tuberculosis treatment in tuberculous lymphadenitis-Samreen Sarfaraz et al, Pakistan Journal of Medical Sciences , published September 2020 (<a href="http://doi.org/10.12669/pjms.36.ICON-Suppl.1711">http://doi.org/10.12669/pjms.36.ICON-Suppl.1711</a>)</li> </ul>
<ul style="list-style-type: none"> <li>• <b>Repurposed Antiviral drugs for COVID-19 WHO Solidarity Trial results published in NEJM</b> (<a href="http://doi.org/10.1056/NEJMoa2023184">http://doi.org/10.1056/NEJMoa2023184</a>. I was Site PI from IHHN centre of Pakistan</li> </ul>
<ul style="list-style-type: none"> <li>• Remdesivir and three other drugs for hospitalised patients with COVID-19: final results of the WHO Solidarity randomised trial and updated meta-analyses , WHO Solidarity Trial Consortium , , published in the Lancet 2, May 2022 , <a href="https://doi.org/10.1016">https://doi.org/10.1016</a>. I was Site PI from IHHN centre of Pakistan</li> </ul>
<ul style="list-style-type: none"> <li>• Neutralizing antibody response to BBIBP-CorV in comparison with COVID-19recovered, unvaccinated individuals in a sample of the Pakistani population-Javeria Aijaz , Shakir Hussain , Fouzia Naseer , Fatima Kanani, Sabiha Anis ,,Samreen Sarfaraz,Saima Saeed , Hina Farooq and saba Jamal , published April 2022 in Vaccines . <a href="http://doi.org/10.3390">http://doi.org/10.3390</a></li> </ul>
<ul style="list-style-type: none"> <li>• An unusual case of XDR Typhoid Fever. Jamil M Bhatti, Yousuf Memon, Samreen Sarfaraz, Naseem Salahuddin. Publication in the Cureus Journal on 14<sup>th</sup> May , 2019 ( <a href="http://doi.org/10.7759/cureus.4664">http://doi.org/10.7759/cureus.4664</a>)</li> </ul>
<ul style="list-style-type: none"> <li>• Coagulopathy in COVID-19: A Case Series -Samia Kazmi, Fivzia Hereker, Samreen Sarfaraz, published in Seminars in Thrombosis an Hemostasis on December 17 2020 ( <a href="http://doi.org/10.1055/s-0040-1716871.ISSN0094-6176">http://doi.org/10.1055/s-0040-1716871.ISSN0094-6176</a>.)</li> </ul>
<ul style="list-style-type: none"> <li>• Frequency of Chikungunya, dengue and Zika Viruses In Acute Nonlocalizing febrile illness via Rt PCR Tehreem Ansari, Junaid Iqbal, SamreenSarfaraz , NaseemSalahuddin , published in Infectious disease Journal of Pakistan</li> </ul>
<ul style="list-style-type: none"> <li>• Actinomycosis , a clinical masquerader :case report . Samreensarfaraz, tuba Basir, Altafahmed, Naseem Salahuddin , "Infectious Disease Journal of Pakistan Apr-Jun2012</li> </ul>
<ul style="list-style-type: none"> <li>• Pleural Mesothelioma in a young woman : case report .SamreenSarfaraz , SohailAkhter.Pakistan Journal of Chest Medicine , 2008</li> </ul>
<ul style="list-style-type: none"> <li>• Guidelines for Diagnosis and Management of Common Infectious Diseases in Adults in Pakistan:</li> </ul>
<p><b>Ongoing Researches:</b></p>
<ul style="list-style-type: none"> <li>• Experience of Antibiotic Stewardship at a tertiary care Hospital-Manuscript being prepared</li> </ul>
<ul style="list-style-type: none"> <li>• Clinical features and treatment outcomes of patients infected with Carbepenam resistant acinetobacter infections- data collection ongoing</li> </ul>
<ul style="list-style-type: none"> <li>• Safety and efficacy data of Vancomycin continuous infusion-proposal submitted to IRB</li> </ul>
<ul style="list-style-type: none"> <li>• Burden of surgical site infections at a tertiary care hospital,A prospective cohort study-Data collection being done</li> </ul>
<p><b>Workshops &amp; Seminars</b></p>
<ul style="list-style-type: none"> <li>- Speaker , 2<sup>nd</sup> International Mycology Conference AKU, May 2024</li> </ul>
<ul style="list-style-type: none"> <li>-Speaker WHO Infection Control ,1 week workshop for health care workers of Al-Khidmat Hospital , March 2024</li> </ul>
<ul style="list-style-type: none"> <li>-Speaker ,AMR seminar in LUMS Hyderabad , November 2023</li> </ul>
<ul style="list-style-type: none"> <li>-Speaker , AMR lecture in Murshid Hospital , Hub Chowki , November 2023</li> </ul>
<ul style="list-style-type: none"> <li>-Trainer for WHO HIV Master Training workshop held in September 2023</li> </ul>
<ul style="list-style-type: none"> <li>- Speaker , Antibiotic Stewardship Seminar , Dow Medical College , December 2022</li> </ul>
<ul style="list-style-type: none"> <li>Guest speaker AMR : Threat to Modern Medicine , held in Dow University of Health Sciences December 2022</li> </ul>

-Guest speaker on Pulmonary Non tuberculous mycobacteria in ChestCON Dec 2021
<b>-A series of webinars on different aspects of COVID</b>
<ul style="list-style-type: none"> <li>• First National Webinar on COVID (13 national institutions participated from all 4 provinces )</li> <li>• Guest speaker in National Trends and Practices in COVID – National Webinar organized by TIH</li> <li>• Guest Speaker : Action Replay , when COVID strikes again , Annual Conference AKUH</li> <li>• Guest Speaker :What's new in COVID management , course for General Practitioners organized by PIMA</li> <li>• Guest Speaker: COVID Management-Pakistan Soceity of haematology</li> <li>• Guest speaker: Role of tocilizumab in COVID –Pakistan Society for immunology</li> <li>• Guest speaker: Role of Remdesivir and tocilizumab in COVID –PIMA organized webinars</li> <li>• Guest speaker: COVID management made easy for residents –Lecture organized by Pharmevo</li> <li>• Guest Speaker: Dealing with the infodemic –Awareness lecture in Pfizer AMR week</li> <li>• Guest Speaker: Session on COVID: Fatmiah Hospital</li> <li>• Guest Speaker: Needle safety: WHO organized Infection Control Program at TIH</li> <li>• Guest Speaker: Infection Control aspects of COVID-19, organized by WHO</li> <li>• Guest Speaker: Care Bundles: Talk in nursing IC week</li> <li>• Member Scientific committee and Guest speaker in 16<sup>th</sup> Annual MMIDSP Conference February 21-23, 2019</li> <li>• Organized and facilitated workshop on TORCH infection in Pregnancy titled” When not tolight the TORCH” , November 2018, TIH Karachi</li> <li>• MM IDSP conference 2018, AFIP, Islamabad free paper presentation “Clinical characteristics , risks and outcomes of Paradoxical upgrading reactions during anti-tuberculous treatment in tuberculous lymphadenitis “</li> <li>• Guest Speaker PIMA workshop on Diagnosis &amp; Management of Tuberculosis, TIH Karachi, 2018 .</li> <li>• ICON 2018 , oral presentation on “Five Year Audit of Infectious Diseases seen at The Indus Hospital</li> <li>• Organized, facilitated and conducted Pre Conference workshop in ICON 2018 on “ Sepsis-Early Diagnosis and Management saves lives”</li> <li>• MMIDSPD conference 2016 , Guest speaker in Antibiotic Stewardship workshop , Karachi</li> <li>• Guest speaker for Family Physicians General Practitioner Training Program , since 2012-2018 ,</li> <li>• And others</li> </ul>
<b>Public Speaking</b>
<ul style="list-style-type: none"> <li>• COVID awareness PIMA video recordings (Vaccine awareness, COVID management , infection control )</li> <li>• COVID awareness –FM 101, Radio Pakistan, ARY digital, Faisal Qureshi You tube channel, TIH sehat sub k lye (appeared twice )</li> <li>• Institutional audio and video recordings on COVID awareness (multiple times)</li> <li>• Tuberculosis awareness Program on FM</li> <li>• Dengue Awareness Program on FM and others</li> </ul>
<b>Soceity Memberships</b>
<ul style="list-style-type: none"> <li>• Member Global antibiotic resistance partnership (GARP)-Pakistan chapter</li> <li>• Member Medical Microbiology &amp; Infectious Diseases Soceity of Pakistan</li> </ul>