Author’s response to reviews

Title: Fluoroquinolone resistance and mutational profile of gyrA in pulmonary MDR tuberculosis patients

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Respected Prof. Dirk Krüger
Editor-in-Chief
BMC Pulmonary Medicine

Respected Prof. Dirk Krüger,

I am sending the revised version of manuscript entitled “Fluoroquinolone resistance and mutational profile of gyrA in pulmonary MDR tuberculosis patients” for favor of its publication in your esteemed journal, BMC Pulmonary Medicine. While revising I followed the instructions of honorable Editor and changes have been done accordingly.

Response to Respected Editor

1. Under your Ethics approval and consent to participate heading in the Declarations section, please clarify whether informed consent obtained from participants was written or verbal. We note you have stated that the participants were informed verbally, but have not specified the form of consent. Please also confirm this procedure was approved by your ethics committee.

Answer: All study participants were informed verbally and consent to participate was also obtained verbally from the patients directly or from parents. No study participants were included in the present study involving guardians. Each protocol was approved by Departmental Research Ethics and Biosafety Committee (No.D/650/MMG).
2. Thank you for providing an Authors’ contributions heading in the Declarations section. Please note that when two or more authors have the same initials they should be distinguished by designating them with numbers 1 and 2 (etc.). For example: YZ1 and YZ2. YZ1 would correspond to the author furthest up on the author list.

Answer: SK performed experiments, analyzed the data and wrote the manuscript. ZT provided sources. NM helped in experiments and data analysis. MS1 and MS2 had responsibility for data collection. AR helped in research design and in manuscript editing. All authors contributed substantially to the interpretation of the results. All authors approved the final manuscript.

3. Please state whether the maps depicted in supplementary figure 1 are your own or taken from another source. If taken from another source please acknowledge the source in the figure legend, and if it is under copyright also state the written permission given to use and adapt it.

Answer: Samples were collected from sites involved in programmatic management of drug resistant tuberculosis (PMDT) within seven different districts (Lahore, Faisalabad, Gujranwala, Sahiwal, Sargodha, Sialkot, and Bahawalpur) from period of May 2018 to March 2019 (taken from Google search with slight modification to indicate sampling sites).