**Table S4:** **Apramycin studies published *vs.* the present study**

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| **APR activity evaluated against various pathogens- published reports vs. present study (Kaur et.al.)**  |
| **Pathogens/ Materials** | **Studies** | **Assays/ Models** | **Reference** |
| Cell lines | Cytotoxicity | Cell lines / models | Bonaventura (34) |
| *Gram-negative pathogens: Escherichia coli* (combination MIC), *Klebsiella pneumoniae* (hyper-virulent clinical strain), *Pseudomonas*, *Acinetobacter baumannii*. | In-vitro studies | MIC, Biofilm & Clinical isolates (sensitive or aminoglycoside/ carbapenem-resistant) | Kim (35), Atlas (36), Hao (37), Gysin (31) |
| Target/ MoA studies  | In-vitro studies | Target/ MoA & Hu ribosomal decoding site | Hermann (38), Bordeleau (39) |
| *Mycobacterium abscessus* | In-vitro studies | Killing kinetics | Selchow (32) |
| In-vivo studies | Animal efficacy |   |
| *Mycobacterium tuberculosis* | In-vivo efficacy in murine models of TB | This study (Kaur et.al.) |
| In-vivo models of replicating Mtb | **Acute model:**- monotherapy - against replicating Mtb | Meyer (20) |
| In-vivo models of non-replicating Mtb | **Chronic model:**- combination with HREZ regimen- against non-replicating Mtb | This study (Kaur et.al.) |
| In-vitro studies | This study (Kaur et.al.) |
| In-vitro models of replicating & non-replicating Mtb | **In replicating models:** - MIC and MBC- MIC90 in MDR clinical isolates- Killing kinetic- Cytotoxicity **In non-replicating models:**- Intracellular efficacy- Biofilm | This study (Kaur et.al.) |