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## Revisiting co-trimoxazole for the treatment of tuberculosis

Alsaad, Noor Sabah Idan

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# STELLINGEN

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## **Revisiting Co-trimoxazole for the treatment of tuberculosis**

door

Noor Alsaad

- I. While developing new anti-TB drugs is critically important, old, cheap and safe drugs like co-trimoxazole may be equally important to reach the Sustainable Development Goals to overcome TB by 2035 (this thesis).
- II. An old drug like co-trimoxazole is rarely included in PK and PD studies, and therefore, an update is required (this thesis).
- III. While we need PK/PD targets for co-trimoxazole in TB, the PK/PD targets for its labeled indication have not even been defined (this thesis).
- IV. To perform therapeutic drug monitoring in remote settings, one needs easy sample collection and transportation (this thesis).
- V. The PK variability of co-trimoxazole in patients with drug-susceptible TB is high, much higher than the PK variability for co-trimoxazole in patients with MDR-TB (this thesis)
- VI. Acquired drug resistance in TB is man-made; as it is our own fault, we should also prevent it by PK/PD guided dosing.
- VII. There is no significant difference in susceptibility of *M. tuberculosis* to co-trimoxazole between TB-patients without co-infection, and those co-infected with HIV (this thesis).
- VIII. In patients dually infected with TB and HIV, co-trimoxazole should always be combined with anti-TB drugs, irrespective of CD4+ count.
- IX. Life is like riding a bicycle: to keep your balance, you must keep moving (Albert Einstein).
- X. Everything happens for a reason (my mother).
- XI. The roots of education are bitter but the fruit is sweet (Aristotle).
- XII. The final forming of a person's character lies in their own hands (Anne Frank).
- XIII. Turn your face to the sun and the shadows fall behind you (Maori Proverb).

