??????, ????, ??????????? ?????????, ???????????, ?????????????? ???????? (?????, 24. IX 1953). O?????? ??????? ??????? 1977. ?? ?????? ????????? ????? ????????-???????????? ????????? ???????????? ? ????????, ? ?? ????? ????????? ?? ???????????? ? 1984. ??????????. ???? ?????? ??? ?? ???????? ? ???, ?? ???????????? ?????? ? ???????????? ???????, ? ?? 2001. ?? ?????????? ?? ???????????? ???????? ? ?????????????? ???????????? ?? ???????, ???? ?? ????????. ??? ?? ???????? ?????? ?????????? ?? ????????????? ???????????? ? ??????? ??????????, ???????????? ? ???????????? (AIM), ???????????? ?? ?????? ???????????? ????????? ?? ??????? (NIH). ????? ????, ??? ?? ???? ?????? ??????? ?? ????????? ? ?????? ???????? ?? ???? (AOIC), ? ? ?????? ???????????? ????????? ?? ??????? ???, ??? ? ????????? ?? ???????? ???????. ? ??????? ??????? ????, **?.** ?? ????? ???????????? ? ??????? ???????????? ???????? ?????????? ???? ?? ?????????? ????????? ?????????? ?????????? ???? ?? ??????? ?? ??????? ?????????????? ? ??????????????, ??? ? ???? ????????? ? ?????????? ??????? ???????????? ????? ???????????? ?????????. ?? ???? ??????? ?? ???????? ?????? ?????? ?? ??????? ????????????? ?? ?????-??????? ????????? *Pseudomonas aeruginosa*. ? ???????? ??????? ????? ????????????? ???????? ? ??????? ?????????????? ???????????? ?????? ?? ?? ????????? ????? ??????? ?????????? ? ???????????? ? ???????? ???????. ?????? ???????????? ????? ?? ????????? ??????? ?? ?? ?????? ???????????? ???????????? ????? ?? ?????? ?? ???????????? ?????????????? ????????? ?????????????? ??? ??? ?? *Mycobacterium tuberculosis*. ????? ????, ??????? ?? ??, ????? ????? ? ????????????, ?????????? ??? ????? ? ? ????????? ???????? ???? ?? ???????? ? ?????????? ???????????? ????????????, ???????????? ? ?????? ???????. ?? ????????? ??????? ?? ?????? ?????? ???? ???????? ????? ???????? TRIM ???????? ? ??????? ??????????: ??? ????? ????? ?????????, ? ????????? ???????? ???????????? ?????????? ???????? ?????????? ?????????? ? ???? ?????????? ?? ?????????? ??????? ? ??????. ??????? ???????? ??????????, ?????? ??? ???????? ???? ???????????, ????????? ???? ????? ? ???????????, ??????? ???????????? ? ???????? ????????. ???????????? ???????????????? ? ???????????? ????? ?????????? ? ????????? ??? ??? ?? ??????? ??????, ???????????? ??? HIV ????????? ???????????? ????????????? ?????? ???????? ???? ?? ??? ? ??????? ????????????? ????????????.

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*????? ?? ???????? ? 2. ????? III ???? ?????? ????????????? (2021)

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