

Alumni webinar series 2

Jahan Mallick talks about acquired bedaquiline resistance during the treatment of drug-resistant tuberculosis

04 Nov 2021 13:00 - 14:00

ALUMNI WEBINAR SERIES

Featuring the winners of the 2021 Prize for Global Research of the Province of Antwerp

"Acquired bedaquiline resistance during the treatment of drug-resistant tuberculosis"

4 November | 13:00-14:00 (CET)





Speaker
Jahan Mallick
MSc in Tropical Medicine alumnus
Germany



Moderator
Tom Decroo
Senior Researcher
Department of Clinical Sciences
ITM

Dit is de omschrijving

ITM alumni webinar series featuring the winners of the Prize for Global Research 2021 of the Province of Antwerp

Webinar #3: Acquired bedaquiline resistance during the treatment of drug-resistant tuberculosis

Register in advance via [Zoom](#).

Description:

This new series of ITM alumni webinars features the four ITM winners of the Prize for Global Research 2021. The Prize for Global Research is awarded yearly by the Province of Antwerp to research projects of 'master-after-master'-students of ITM and other Higher Education Institutes. Development relevance, quality and originality of the master theses are key in the selection. Through this award, the Province of Antwerp wants to stimulate research relating to the global South.

In webinar #3, ITM alumnus and prize laureate Jahan Mallick (Germany) will present his master's thesis, entitled "Acquired bedaquiline resistance during the treatment of drug-resistant tuberculosis: A systematic review."

Drug-resistant tuberculosis (DR-TB) still signifies a heavy burden for affected patients and health systems worldwide. It remains difficult to cure and requires a long treatment with multiple potentially toxic drugs, yet resulting in dissatisfying rates of favorable treatment outcomes. The excitement was great when the new anti-tuberculous drug bedaquiline was introduced several years ago, as it showed promising results in regard to treatment success and mortality reduction. However, an increasing number of reports of acquired resistance to this drug were published in recent years, admonishing for caution. In this systematic review, Jahan assesses the frequency of acquired bedaquiline resistance and characteristics of patients acquiring it.

In this webinar, Jahan's research findings will be the starting point for a topical exchange and discussion tackling a number of questions. How frequent is acquired bedaquiline resistance during current DR-TB treatment? What are possible explanations for its occurrence? And what are effective ways and solutions for a better protection of bedaquiline and other current second-line anti-TB drugs?

The Q&A-session, moderated by Jahan's thesis coach and DR-TB researcher Tom Decroo, will enable to share topical experiences in other international settings.

Speakers

Jahan Mallick, alumnus of the MSc of Tropical Medicine 2021, Germany

Jahan Mallick worked as a medical resident in internal medicine at a regional hospital in Germany, until he decided to enrol in the Master of Tropical Medicine (MTM) at the ITM Antwerp. Here he focused especially on the issue of drug-resistant tuberculosis. Currently, he is working with a non-governmental organisation in Greece to

provide medical care for people with limited access to the local healthcare system.

Moderator:

Tom Decroo, senior researcher, Department of Clinical Sciences, ITM Antwerp

Tom Decroo is a medical doctor who works as senior researcher at the Institute of Tropical Medicine of Antwerp. At present he is involved in multiple research projects on the diagnosis and treatment of resistant TB. He prioritises working with Master and PhD students.