

EXPOSED

Chapter 2: The Rise of a Superbug

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EXPOSED: The Race Against Tuberculosis is a four-part series of short films that tells the story of the deadly global epidemic of tuberculosis (TB). In Chapter 2: The Rise of a Superbug, Dr. Jayant Banavaliker, a leading TB doctor in Delhi, chronicles his daily struggle to save patients using today's antiquated tools. The film also follows the harrowing story of Phumeza Tisile's near-death experience with extensively drug-resistant TB, which takes place in Cape Town.

Fact: Multidrug-resistant tuberculosis (MDR-TB) is a form of TB that does not respond to the two most powerful drugs - isoniazid and rifampicin. MDR-TB cases are on the rise and have been reported in every country that tracks and reports cases of TB.

Fact: Extensively drug-resistant tuberculosis or XDR-TB has been found in 84 countries and is very difficult and expensive to treat. It is resistant to a number of critical first- and second-line TB drugs.

"Drug resistance has a particular threat to society, to global society, by virtue of the great difficulty one has in treating these diseases. Drug-resistant TB threatens TB control programs, but it also threatens the ability to treat the individual patient."
- Valerie Mizrahi, University of Cape Town

"The bugs always outpace the development of antibiotics. We've seen this across many diseases, so prevention is a better option."
- Soumya Swaminathan, Director, National Institute for Research in TB, India

"Every clinician is aware of the limitations of BCG and the need for a newer vaccine. Preventing the scourge of TB, we do need a vaccine. That's the greatest need for tuberculosis."
- Jayant Banavaliker, Chest Physician and Chairman of TB Alert India

Featured in this Chapter:

- Jayant Banavaliker, Chest Physician and Chairman of TB Alert India
- Aaron Oxley, Executive Director, RESULTS UK
- Kari Stoever, Vice President of External Affairs, Aeras
- Ramanan Laxminarayan, Public Health Foundation of India
- Valerie Mizrahi, Director of the Institute of Infectious Disease and Molecular Medicine, University of Cape Town
- Soumya Swaminathan, Director, National Institute for Research in TB, India
- Charles Ssonko, Médecins Sans Frontières
- Phumeza Tisile, student, Cape Town
- Jennifer Hughes, Médecins Sans Frontières
- Linda-Gail Bekker, The Desmond Tutu HIV Centre

We need your help to spread the word. Watch and share at www.aeras.org/exposed. For more information or to organize a screening, email film@aeras.org. Join the conversation on [#TBexposed](https://twitter.com/TBexposed).

EXPOSED is produced by Aeras, a nonprofit biotech advancing tuberculosis vaccines for the world.