Tuberculosis today

- 1.5 million people died from TB in 2015
- 9 million people fell ill with TB in 2015
- 95% of the world’s TB cases occur in low- and middle-income countries
- 80% of TB cases occur in 24 countries
- About 11% of people living with HIV have TB

Challenges

- Multi-drug resistant TB (MDR-TB), extensively drug-resistant TB (XDR-TB), HIV

- 600,000 people died from AIDS and TB in 2015
- 3 million people revealed to be infected with TB
- 18% of the 90 million people in need of TB treatment have TB

- Long treatment regimen
  - TB: 4 medicines over 6 months
  - MDR-TB: > 5 medicines over 18–24 months

- Diagnostics
  - Not widely available

- R&D for improved treatments and new vaccines
  - 3 new treatments approved between 2012 and 2014
  - 50 R&D projects for medicines in the pipeline (10 in late stages of development, 3 in phase III)
  - 15 global health partnerships for innovative medicines and vaccines

- Expanding access to care
  - 15 partnerships to increase access to treatment, diagnosis and care
  - 150 partnerships to increase diagnostics and scale-up manufacturing capabilities in emerging markets

Doing our part:
Efforts of the research-based pharmaceutical industry to fight TB

- MDG #6 to reverse the TB epidemic by 2015 has been achieved
- TB mortality rates have decreased by 45% since 1990

References:
- World Health Organization, Global tuberculosis report, 2014
- IFPMA Health Partnerships Directory
- IFPMA, Pharmaceutical R&D Projects to Prevent and Control Neglected Conditions, 2014 Status report on pharmaceutical R&D to address diseases disproportionately affecting people in low- and middle-income countries, January 2015

Partners in the global fight against tuberculosis