

## Dr Nick Paton MRC Clinical Trials Unit, London

6-8 April 2011, Bournemouth International Centre

Tuberculosis:
New drugs and diagnostic
approaches – at last
Nick Paton MD FRCP
MRC CTU, London

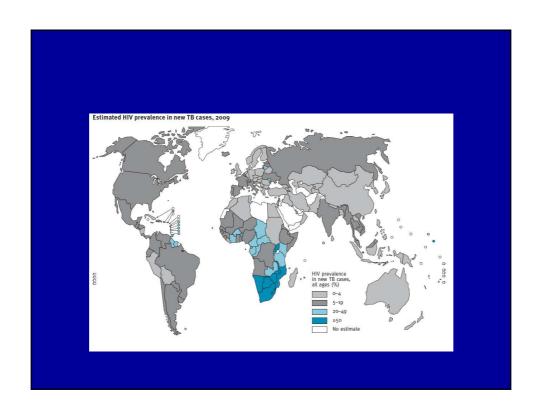
## MRC adult HIV trials portfolio

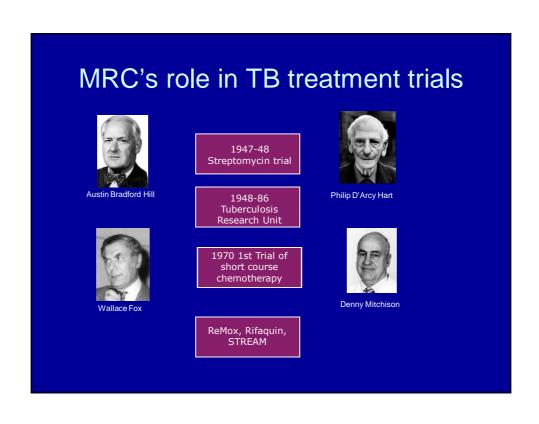
- · Optimising treatment in early chronic HIV disease
  - Early antiretroviral therapy
  - Hydroxychloroquine / anti-inflammatory therapy
- · Optimising first-line therapy
  - Protease inhibitor monotherapy
  - Raltegravir-based dual therapy
  - Third drug class + nutrition + OI prophylaxis
- Optimising second-line therapy
  - Raltegravir-based dual therapy / PI monotherapy
- Co-infections
  - Tuberculosis, Hepatitis B, Hepatitis C

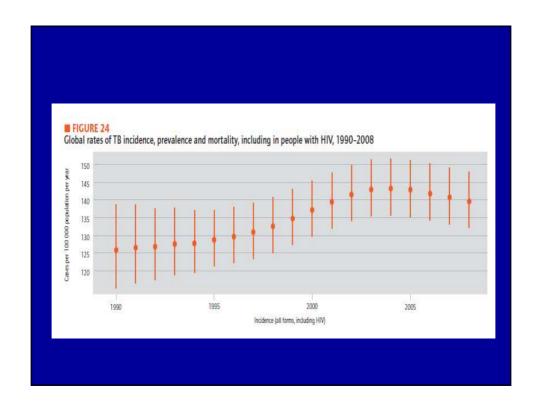


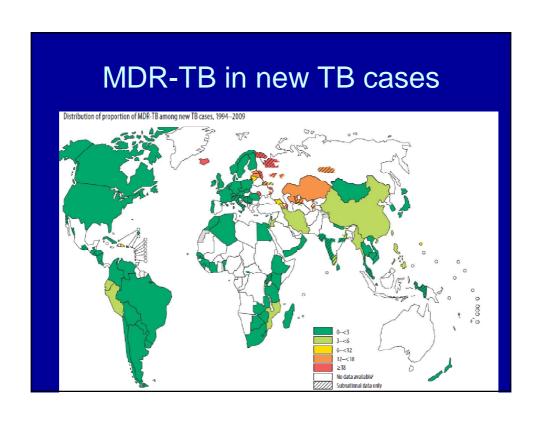
"I am in the process of exploring the possibility... of utilizing our HIV/AIDS clinical trials networks for the implementation of similar clinical trials capacities for TB as well as other infectious diseases."

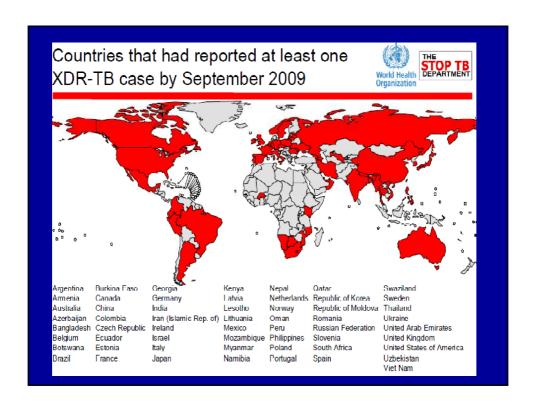
--- Pacific Health Summit, June 17, 2009

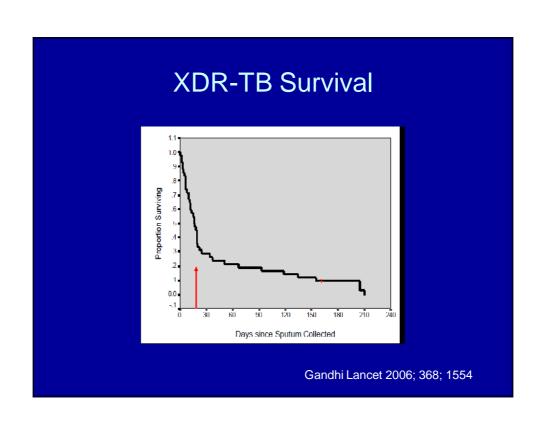


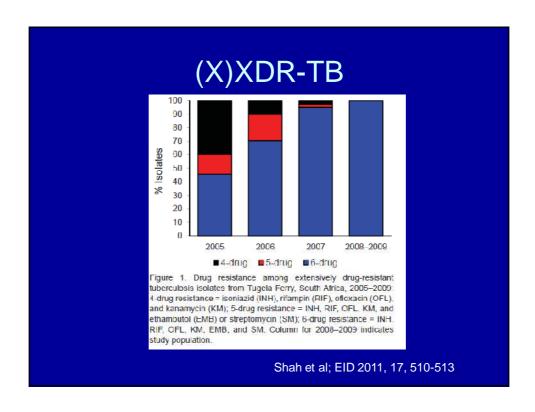


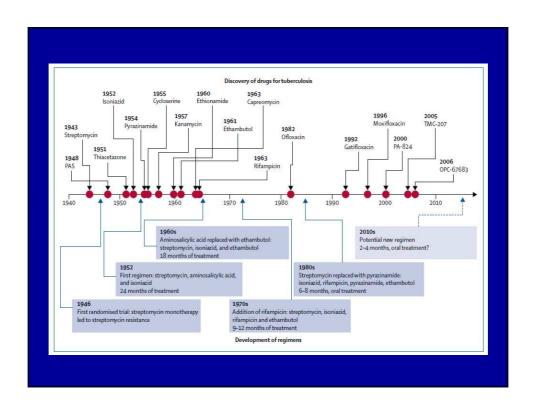


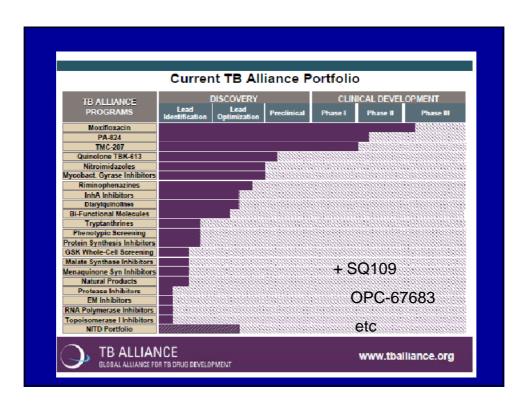


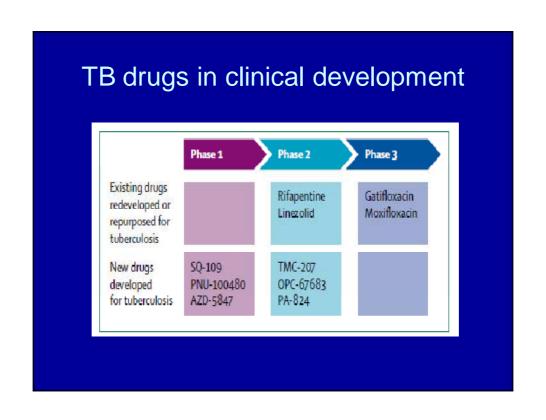


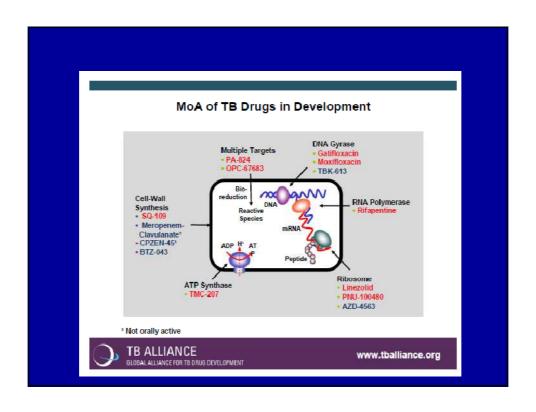


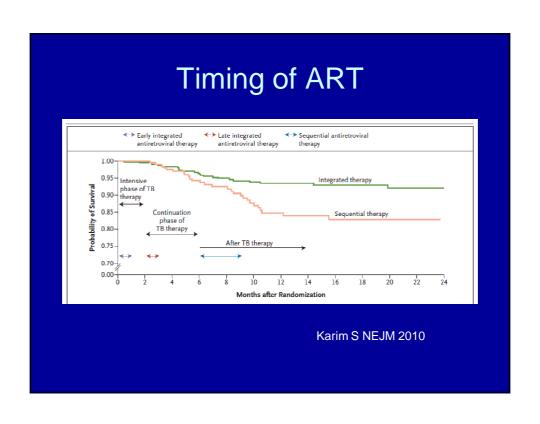












## **Biomarkers**

- Need TB biomarkers as predictors of reactivation and cure
  - Use as surrogate endpoint
  - Accelerate dose selection trials
  - Shorten duration of follow up in clinical trials

## 2-month sputum culture conversion and TB outcome Outcome Outcome Outcome Discrepancy of the special points of a Positive Culture Result Phillips, pers. communication

