Making TB research a priority

"The consequences of inattention to TB research are not just embarrassing, they are tragic and shameful. Generations of research advances and technologies have bypassed the field of TB research. All of the great breakthroughs that we have seen in molecular biology - there was nobody working on it in TB.

Nine million people develop active TB each year and yet we still don't have an effective vaccine. There have been no newly licensed drugs for TB in forty years [with the exception of rifabutin]. The therapeutic regimens, although they work, are cumbersome and prone to the development of drug resistance. The diagnostics are ridiculous, they are antiquated, non-standardised and imprecise."

- Dr Tony Fauci, Director of the US National Institute of Allergy and Infectious Diseases (NIAID) at a meeting held in Cape Town just prior to IAS 2009


The meeting was attended by some 250 HIV researchers, activists and representatives from funding agencies. The meeting focused on critical TB/HIV issues in the areas of TB prevention, diagnosis and treatment, childhood TB and drug resistant TB. New and previously unreported data was shared, discussed and research priorities were defined. The research priority discussions during the meeting also informed the on-going revision of the TB/HIV research priorities document by the World Health Organisation, which will soon be finalised. The outcome and key findings of the meeting were communicated to the IAS conference delegates through a satellite symposium on 21 July, 2009. Webcast of the satellite symposium is available at the following link:

http://www.ias2009.org/pag/webcasts/?sessionid=2449
Presentations

21 July, 2009
Preventing TB in People Living with HIV: research priorities and way forward by Peter Godfrey-Faussett, UK

TB in HIV-infected Children: addressing the research neglect by Soumya Swaminathan, India

Drug resistance TB in People Living with HIV: research questions and priorities by Haileyesus Getahun, Switzerland

Clinical challenges of diagnosing and treating TB in People Living with HIV: what next for research? By Prudence Ive, South Africa

19 July, 2009 - Key note presentation
Challenges on TB-HIV Research by Françoise Barré-Sinoussi, France
Watch Dr. Barré-Sinoussi's plenary presentation

Research activism from HIV to TB by Mark Harrington, USA

Session III: Childhood TB
TB diagnosis in Children: experience with HIV-infected children by Anneke Hesseling, South Africa

ARV TB drug experience in children: when and what to start? By Philippa Musoke, Uganda

Mother to child transmission of TB: what do we know? By Amita Gupta, India

Developing safer TB vaccines for children with HIV by Jerald Sadoff, USA

Session IV: Drug resistance TB and HIV
MDR, XDR TB and HIV: global data, approaches and operational research issues by Paul Nunn, Switzerland

MDR and XDR TB in people living with HIV: what do we know and what we still need to know by Neel Gandhi, USA

Drug resistance TB and new diagnostics for people living with HIV: emerging data from FIND by Giorgio Roscigno, Switzerland

Molecular epidemiology: role for transmission of MDR/XDR by Paul van Helden, South Africa
July 18, 2009 - Key note presentations
HIV/TB overview and rationale of meeting by Diane Havlir, USA

Research on TB and HIV/AIDS: Progress and Challenges by Anthony Fauci, USA
Watch Dr. Fauci's plenary presentation

Session I: Diagnosis and Treatment
Strategies for co-treatment: first and second line ART and TB treatment by Gary Maartens, South Africa

Role of TB in early mortality of people living with HIV by Mina Hosseinipour, Malawi

Sub-clinical TB among people living with HIV: what does the evidence say? By Haileyesus Getahun, Switzerland

The latest developments in diagnosis and management of TB IRIS: what are the gaps? By Graeme Meintjes, South Africa

Session II: TB Prevention
Isoniazid preventive therapy: outcome of massive scale-up among miners in South Africa by Gavin Churchyard, South Africa

TB infection control among people living with HIV: what do we know? By Rod Escombe, UK

Impact of ART on TB Prevention by Robin Wood, South Africa

TB diagnosis in the community: approaches and outcomes by Helen Ayles, Zambia