

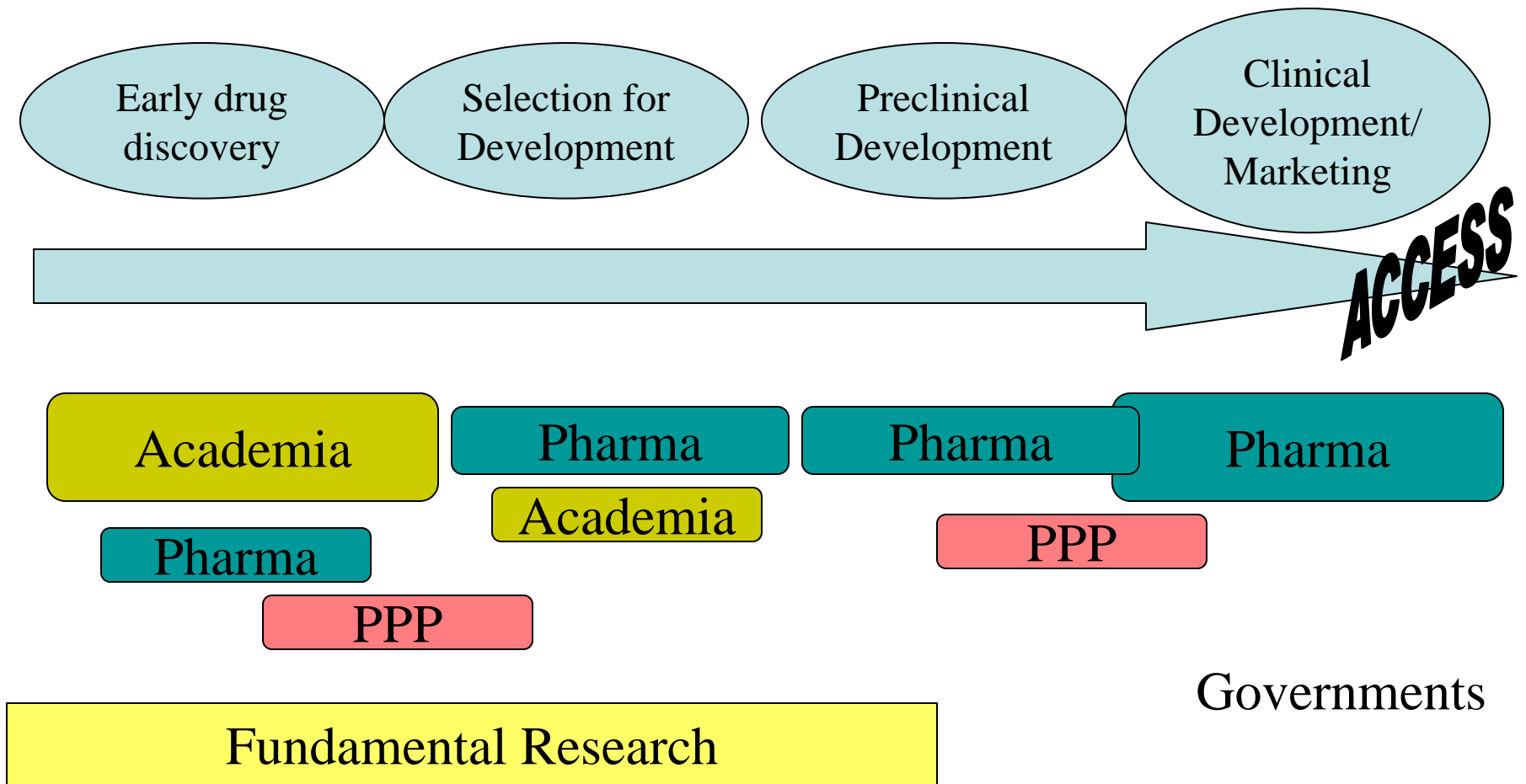
# Filling the gap in TB drug discovery

Working Group 1

# Needs

- Access to appropriate chemical libraries, including natural products
- Access to screening facilities
- Medicinal chemistry
- Integrated lead optimization
- Database of activities
  
- Greatly increased activity

- Articulate and recognize roles and realistic contributions of each “organization”
- Build on existing strengths
- Utilize funding mechanisms appropriate for each step/mission of funders



# Solutions proposed (1)

- Financing framework that aligns Innovation, Incentives and Access
- “Open Access” drug company
- Governments incentivising interaction between academic scientists and Pharma
- Clear agreement required on access to medicines

# Solutions proposed (2)

Improve drug discovery efforts in the public sector

- Medicinal chemistry core facilities combined with training facilities
  - Develop mechanisms to make academic medicinal chemistry attractive
- Drug Discovery Institute
  - Pros and cons...
- Gov't funded effort to generate optimized library
- Effort to screen libraries against *M. tuberculosis*

# Recommendations

- Explore Open Access model
- Recognize role and expertise of key players, and don't re-invent
- Optimize
  - Chemistry/Biology interface
  - Academia/Pharma interface