Health innovation networks

Carlos M. Morel
Oswaldo Cruz Foundation (Fiocruz)
Rio de Janeiro, Brazil

Health and development

- “Improving the health and longevity of the poor is an end in itself, a fundamental goal of economic development. But it is also a means to achieving the other development goals relating to poverty reduction. The linkages of health to poverty reduction and to long-term economic growth are powerful, much stronger than is generally understood...”

Commission on Macroeconomics and Health, 2000
‘Worldmapper’ map: Area of countries proportional to malaria cases

The world is no longer bipolar

The world of the 1950s:
The “North” and the “South”

The world today: The “North”, the “South” and countries in transition

http://www.gapminder.org/
Health and development: Zimbabwe, South Korea, South Africa

The Sisyphus challenge of the 21st century

Translational research: Crossing the Valley of Death

Tapping the power of networks
Here we highlight a complementary and increasingly important means to improve health equity: the growing ability of some developing countries to undertake health innovation.

Evolution of the scientific enterprise
(Barabási AL (2005) Science 308:639-641)

Examples of DNDi networks: LEAP

LEISHMANIASIS EAST AFRICA PLATFORM (LEAP)

- Target disease: VL
- Core partners:
  - KEMRI, Kenya; Addis Ababa University, Ethiopia; Gondar University, Ethiopia; Drug Administration & Control Authority, Ethiopia; Institute of Endemic Diseases, University of Khartoum, Sudan; Makerere University, Uganda; MSF, WHO, TDR; Ministries of Health in Kenya, Ethiopia, Sudan, and Uganda.
- DNDi contact: Monique Wasunna
- Project start:
  - August, 2003: Khartoum, Sudan
DNDi networks: HAT; PAN4ND

Thank you

morel@fiocruz.br