

# International Association of National Public Health Institutes

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# Globalization and health threats

## Globalization

- Travel
- Distribution of goods
- Migration
- Communication
- Marketing

## Global health threats

- Infectious disease
  - SARS, avian influenza
- Non-communicable disease risk factors
  - Smoking, diet
- Environment health hazards
  - Man-made and natural disasters, injury prevention, occupational health

# Deaths in the world 2005

Infectious diseases 17.0 million

- HIV/AIDS 2.8 million
- Tuberculosis 1.6 million
- Malaria 0.9 million

Non-communicable diseases 35.0 million

- Cardiovascular diseases 17.5 million
- Cancer 7.6 million
- Chronic respiratory diseases 4.1 million
- Diabetes 1.2 million

Injuries and accidents 8.0 million

*Total 58 million*

# Number of deaths due to major NCD risk factors

|                        |             |
|------------------------|-------------|
| High blood pressure    | 7.1 million |
| Tobacco use            | 4.9 million |
| High cholesterol       | 4.4 million |
| Overweight and obesity | 2.6 million |

## Core elements of NPHIs

### National

- International collaboration

### Multi-disciplinary

- Medicine
- Public health
- Nutrition
- Social sciences
- Health economics

### Comprehensive

- Infectious diseases
- NCD:s
- Environmental health

### Multifunctional

- Research
- Monitoring and surveillance
- Public health programmes
- Health promotion and communication
- Training and education
- Diagnostic and other health services
- Vaccine and drug production
- Vaccine and drug safety, medical technology assessment

# Advantage of NPHIs

## **Stable mass of expertise**

- Scientific knowledge
- Public health expertise
- Service delivery

## **Continuity of work**

- Professional and scientific organization
- No direct political affinity

## **Resources**

- Human
- Technical
- Financial

## **International collaboration**

# International association of National Public Health institutes (IANPHI)

## Preparatory meetings

- Bellagio, Italy 2002
- Helsinki, Finland 2004

## Formal launching

- Rio de Janeiro, Brazil 2006

## Members

- 40 institutes is participating now
- Secretariat in Helsinki

## Financing

- Rockefeller Foundation
- Bill and Melinda Gates Foundation

# Domain of IANPHI

Swift and clear communication

- Direct contacts
- Database
- Web-pages

Transfer of knowledge

- Joint training activities
- Site visits

Collaborative research

Mutual assistance

- Further development of NPHIs
- Technical and financial component

Motto:

In an increasingly globalized world, international collaboration between NPHIs is vital for success in any country and for global public health



# Organization of IANPHI

General Assembly

Interim Executive Board

- Paolo Buss, Brazil
- Kathy Cahill, USA
- Oni Idigbe, Nigeria
- Jeff Koplan, USA, Chair
- Pekka Puska, Finland, Vice Chair
- Wang Yu, China
- Pekka Jousilahti, Secretary General

Secretariat

- In the National Public Health Institute-KTL,  
Helsinki, Finland