

PARTNERSHIPS TO FIGHT NEGLECTED TROPICAL DISEASES

Special focus on Rabies

DCVMN, Seoul, South Korea, 26 September, 2017

Bernadette ABELA-RIDDER

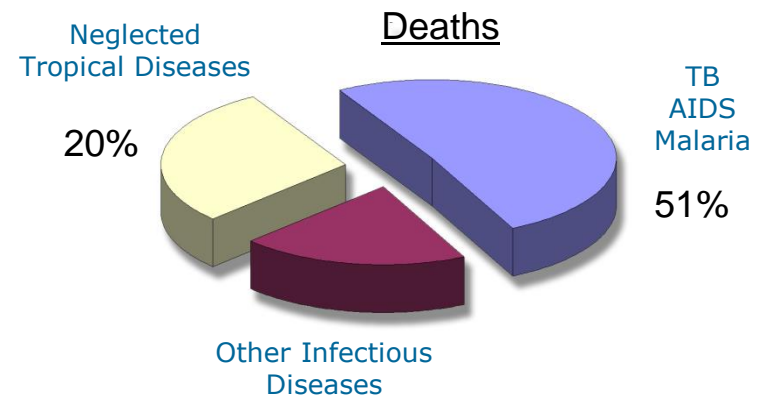
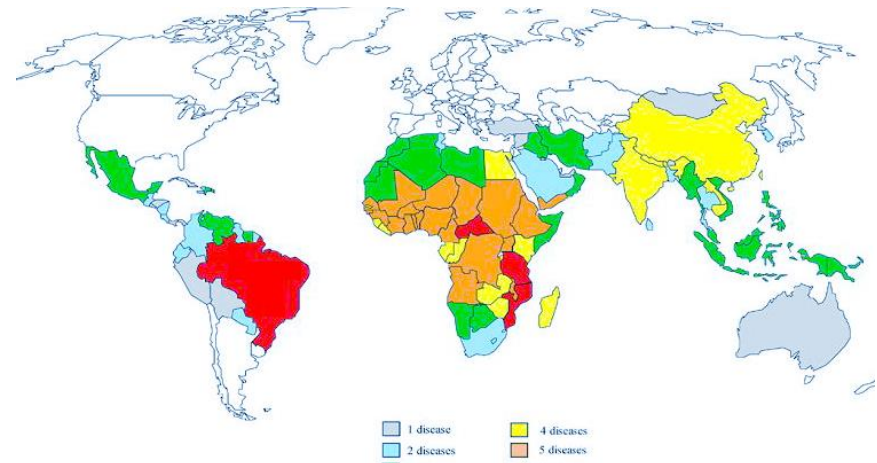
Team Leader, Neglected Zoonotic Diseases & WHO Rabies Lead

Department of the Control of Neglected Tropical Diseases



Neglected Tropical Diseases

- A proxy for poverty and disadvantage
- Preventable yet prevalent
- Affect populations with low visibility & little political voice
- Do not travel widely
- Cause stigma and discrimination, especially of girls and women
- Important impact on morbidity and mortality
- Control challenged by circumstance: elimination possible with effective and feasible solutions
- Relatively neglected by research
- Ethical responsibility



Neglected Tropical Diseases

5 Key Strategies

- Innovative and intensified disease management
- Preventive chemotherapy
- Veterinary public health
- Vector ecology and management
- Water, sanitation and hygiene

20 Diseases



Modified from Serge Seidlitz April 2017

Role of NTD Department

- Supports policies and strategies to **enhance global access** to interventions for the prevention, control, elimination/ eradication/ control of NTDs.
- Evidence-based approach to **implementing and monitoring** NTD control interventions and the WHO road map for NTDs with strong technical support and guidance.
- Develop new **knowledge, solutions and strategies** that respond to the health needs of disease-endemic countries.
- Mobilize of **resources** vital for all programmes.

The future of the partnership



Biologicals for NTDs

Disease	Human	Animal
Buruli Ulcer		
Foodborne trematodes		
Echinococcosis Alveolar (AE) and Cystic (CE)		V
Dengue	V	
Mycetoma		
Chagas		
Leishmania		
Leprosy		
Lymphatic filariasis		
Guinea worm		

Disease	Human	Animal
Scabies & other ecto-parasites		
Rabies	V, I	V
Schistosomiasis		
Snakebite envenoming	I	
Soil transmitted helminths		
<i>Taenia solium</i> / neurocysticercosis		V
Trachoma		
Trypanosomiasis		
Yaws		
Onchocerciasis		

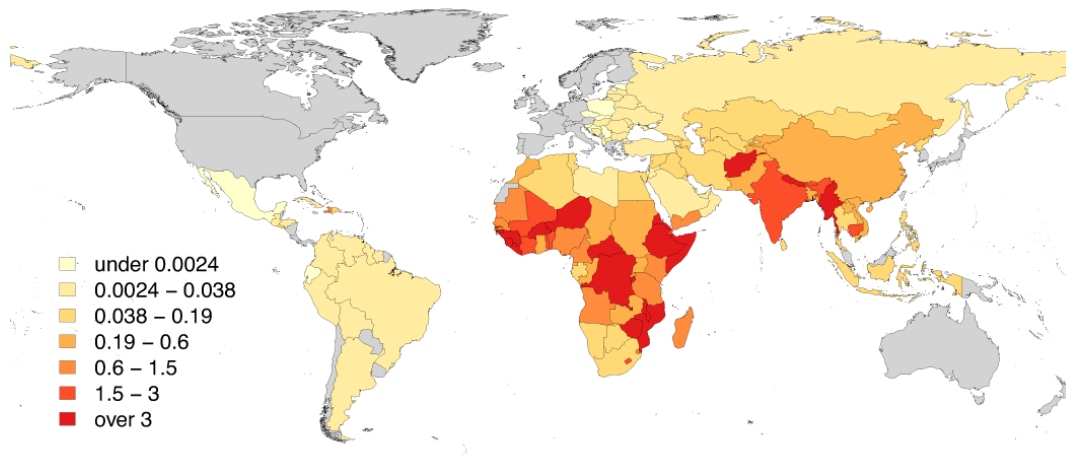
V: Vaccine

I: Immunoglobulins/ anti-venoms

Mabs: Monoclonal Antibodies

Rabies is a neglected, vaccine-preventable, disease

An indicator for impact on inequity



Rabies per capita death rates per 100,000 persons.

- 100% fatal
- ~60,000 deaths per year
- Weak data and under-reported
- Its victims are mostly children
- Vicious cycle of supply and demand
- Vaccine is a key component of the global plan and triggers national programmes

Our Goal:
Zero by 30



Rabies current state & opportunities

Change the status quo, create a coalition for success

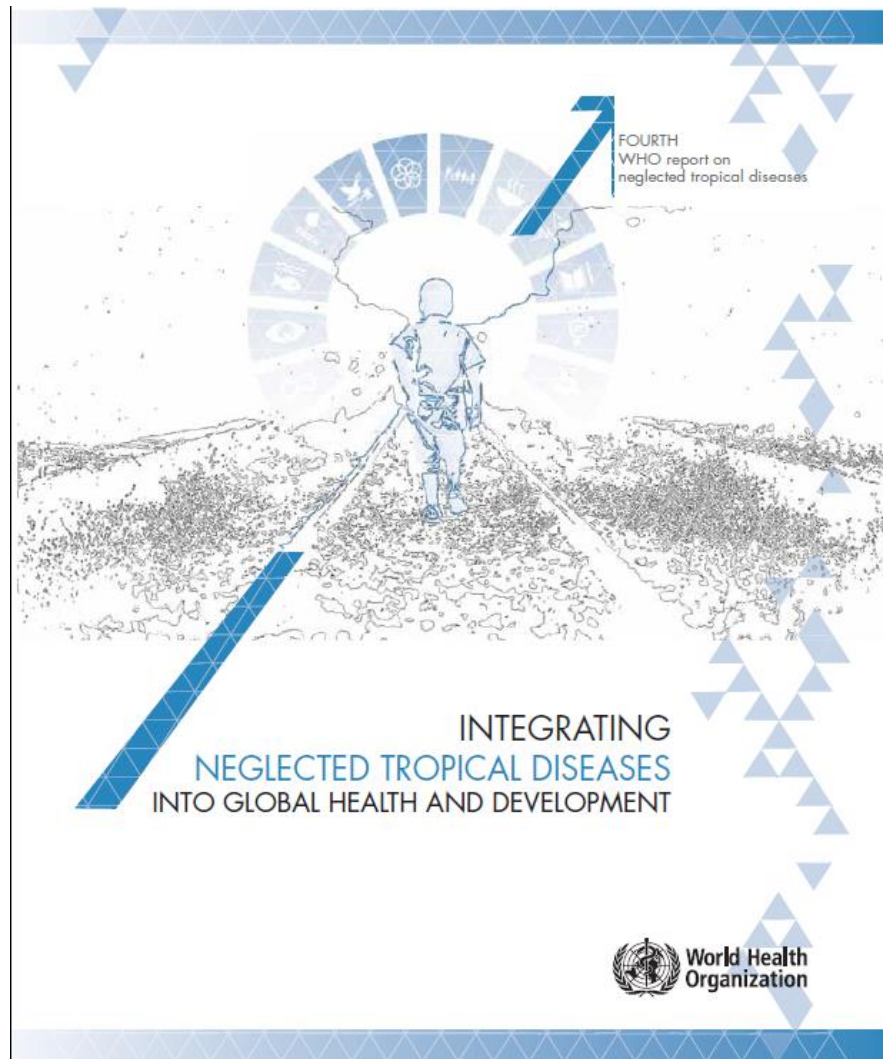
- **Fragmented** approach with opportunistic implementation
- **Policy on immunization** for rabies focused on PH outcomes
- Building an enabling **policy** environment
- Varying **quality** of biologicals
- Cost- and dose-saving **regimen** on label
- Recently completed manufactures **market** survey and our work on vaccine demand generation

In NTDs, rabies is the next big opportunity for saving lives

Our ask of you ► stand with us!

- Human and animal vaccines, immunoglobulins
 - Quality
 - Manufacturing capacity to respond to demand
 - Capacity by regions and countries
 - Promote regional cooperation and support
- Be change agents and advocate the global platform to your country contacts – policy makers, researchers, government & technical staff
- Engage with us, and help us reach our goal of zero human deaths from rabies by 2030

Thank You!



Bernadette ABELA-RIDDER
abelab@who.int