PARTNERSHIPS TO FIGHT NEGLECTED TROPICAL DISEASES

Special focus on Rabies
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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

<table>
<thead>
<tr>
<th>Disease</th>
<th>Human</th>
<th>Animal</th>
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<tbody>
<tr>
<td>Buruli Ulcer</td>
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<tr>
<td>Foodborne trematodes</td>
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<tr>
<td>Echinococcosis</td>
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<tr>
<td>Alveolar (AE) and Cystic (CE)</td>
<td>V</td>
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<tr>
<td>Dengue</td>
<td>V</td>
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<td>Mycetoma</td>
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<td>Chagas</td>
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<td>Leishmania</td>
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<td>Lymphatic filariasis</td>
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<td>Leprosy</td>
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<td>Guinea worm</td>
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<table>
<thead>
<tr>
<th>Disease</th>
<th>Human</th>
<th>Animal</th>
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<tbody>
<tr>
<td>Scabies &amp; other ecto-parasites</td>
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<tr>
<td>Rabies</td>
<td>V, I</td>
<td>V</td>
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<tr>
<td>Schistosomiasis</td>
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<tr>
<td>Snakebite envenoming</td>
<td>I</td>
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<td>Soil transmitted helminths</td>
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<tr>
<td>Taenia solium/ neurocysticercosis</td>
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<td>Trachoma</td>
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<td>Trypanosomiasis</td>
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<tr>
<td>Yaws</td>
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<tr>
<td>Onchocerciasis</td>
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**V:** Vaccine  
**I:** Immunoglobulins/ anti-venoms  
**Mabs:** Monoclonal Antibodies
Rabies is a neglected, vaccine-preventable, disease
An indicator for impact on inequity

- 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
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!

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