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## LIST OF BIOLOGICAL AGENTS AND TOXINS

### Working Paper submitted by China

China considers that a list of biological agents and toxins is indispensable for measures to strengthen the effectiveness of BWC. When drawing up the following list, three rules were applied:

1. The biological agents and toxins are classified into lists of core and potential agents and toxins, with emphasis on the former.
2. To ensure peaceful uses, attenuated strains for vaccine, toxoids and diagnostic products are excluded from the lists.
3. The lists can be updated with the progress of biotechnology and microbiology in future.

#### I. Core Agents and Toxins

Bacillus anthracis  
Brucella abortus  
Br. melitensis  
Br. suis  
Francisella tularensis  
Yersinia pestis  
Coxiella burnetii  
Variolla virus  
Venezuelan encephalitis virus  
Yellow fever virus  
Clostridium botulinum toxin  
Ricin  
Saxitoxin  
Staphylococcus enterotoxin

Genetically modified microorganisms:

Genetically modified microorganisms or genetic elements and high expression vector-host systems that contain nucleic acid sequences associated with pathogenicity and toxins in the list.

II. Potential Agents and Toxins

Clostridium botulinum  
Clostridium tetani  
Enterohaemorrhagic Escherichia coli, serotype 0157  
and other verotoxin producing serotypes  
Legionella pneumophila  
Pseudomonas mallei  
Salmonella typhi  
Shigella dysenteriae  
Vibrio cholerae  
Rickettsia prowazekii  
Rickettsia quintana

African swine fever virus  
African horse sickness virus  
Avian influenza virus  
Bovine spongiform encephalopathy agents  
Bluetongue virus  
Chikungunya virus  
Crimean-Congo haemorrhagic fever virus  
Coccidiosis  
Dengue fever virus  
Erwinia amylovora (Burrill) Winslow et al.  
Eastern encephalitis virus  
Ebola virus  
Hantaan virus  
Histoplasma capsulatum var. duboisii  
Hog cholera virus  
Japanese encephalitis virus  
Junin virus  
Kyasanur Forest virus  
Lassa virus  
Leptospira interrogans  
Louping ill virus  
Lyssa virus  
Lumpy skin disease virus  
Lymphocytic choriomeningitis virus

Machupo virus  
Marburg virus  
Microcyclus ulei (P.Henn.) von arx.  
Monkey smallpox virus  
Murray Valley encephalitis virus  
Mycobacterium bovis  
Mycobacterium avium  
Newcastle disease virus  
Omsk haemorrhagic fever virus  
Oropouche virus  
Peronospora hyoscyami de bary f.sp. tabacina (Adam) skaliky  
Powassan virus  
Rinderpest virus  
Rocio virus  
Rift Valley fever virus  
Scraple agents  
Swine vesicular disease virus  
St. Louis encephalitis virus  
Teschien disease virus  
Tick-borne encephalitis virus  
Vesicular stomatitis virus  
White pox virus  
Western encephalitis virus

Abrin  
Chlostridium tetani toxin (tetanus toxin)  
Cholera toxin  
Conotoxin  
Microcystin (Cyanginosin)  
Neurotoxin Shigella dysenteriae  
Tetrodotoxin  
Trichothecene mycotoxins (Trichothecia, T-2 toxin, setra toxin,  
Verrucologen)  
Verotoxin  
Claviceps purpurea

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