

# Diseases of High-Consequence Pathogens and Pathology



Centers for Disease Control and Prevention  
National Center for Emerging and Zoonotic Infectious Diseases

## Prion and Public Health Office

|   |   |
|---|---|
| Bovine Spongiform Encephalopathy (BSE) (Mad Cow)                  | Gerstmann-Straussler-Schneiker Syndrome |
| Sporadic, Genetic, and Iatrogenic Creutzfeldt-Jakob Disease (CJD) | Reye Syndrome                           |
| Chronic Wasting Disease   | Fatal Familial Insomnia                 |
| Guillain-Barre Syndrome   | Kawasaki Syndrome/Disease               |

## Bacterial Special Pathogens Branch

|   |  |
|---|--|
| Actinomycoses and Nocardiosis           | Hansen's Disease (Leprosy)                       |
| Anthrax                                 | Leptospirosis                                    |
| Brucellosis                             | Melioidosis ( <i>Burkholderia pseudomallei</i> ) |
| Buruli Ulcer                            | <i>Pasteurella</i> sp. Infections                |
| Capnocytophaga                          | Rat-Bite Fever                                   |
| Glanders ( <i>Burkholderia mallei</i> ) |  |

## Chronic Viral Diseases Branch

|  |                                      |
|--|--------------------------------------|
| Myalgic Encephalomyelitis/ Chronic Fatigue Syndrome (ME/CFS) | Human Papillomavirus (HPV) Testing   |
| Post-Infectious Fatigue                                      | HPV Associated Cancer and Pre-cancer |

## Viral Special Pathogens Branch

| Family <i>Filoviridae</i>                                       | Family <i>Arenaviridae</i>                     |
|---|--|
| Ebola Virus   | Lassa Virus                                    |
| Sudan Virus   | Lujo virus                                     |
| Bundibugyo Virus  | Lymphocytic Choriomeningitis Virus             |
| Tai Forest Virus  | Machupo Virus (Bolivian Hemorrhagic Fever)     |
| Reston Virus  | Junin Virus (Argentinian Hemorrhagic Fever)    |
| Marburg Virus   | Guanarito virus (Venezuelan Hemorrhagic Fever) |
| Ravn Virus  | Sabia Virus (Brazilian Hemorrhagic Fever)      |
| Family <i>Bunyaviridae</i>                                      | Chapare Virus                                  |
| Rift Valley Fever   | Family <i>Flaviviridae</i>                     |
| Crimean-Congo hemorrhagic fever                                 | Tick-borne encephalitis (TBE) complex viruses  |
| Hantavirus Pulmonary Syndrome (HPS) associated viruses          | TBE virus                                      |
| Hemorrhagic Fever with Renal Syndrome (HFRS) associated viruses | Far-eastern TBE virus                          |
| Family <i>Paramyxoviridae</i>                                   | Omsk Hemorrhagic Virus                         |
| Nipah virus   | Kyasanur Forest Disease virus                  |
| Hendra virus  | TBE virus                                      |

## Poxvirus and Rabies Branch

| Family <i>Poxviridae</i>        |                                   |
|---------------------------------|-----------------------------------|
| Bovine Papular Stomatitis Virus | Raccoonpox Virus                  |
| Cowpox Virus                    | Skunkpox Virus                    |
| Molluscum Contagiosum Virus     | Tanapox                           |
| Monkeypox Virus                 | Vaccinia Virus (Smallpox Vaccine) |
| Orf Virus                       | Variola Virus (Smallpox)          |
| Pseudocowpox Virus              | Volepox                           |
| Family <i>Rhabdoviridae</i>     |                                   |
| Non-rabies Lyssavirus           | Rabies Virus                      |

## Infectious Diseases Pathology Branch

|                                  |                             |
|----------------------------------|-----------------------------|
| Autopsy-Medical Examiner         | Pathology and Telepathology |
| Histopathology Laboratory-Tissue | Sudden Unexplained Death    |
| Immunohistopathology Laboratory  | Unexplained Fatal Illness   |