


## Grant Project Data Sharing Guide

Pandemic PACT are focused on gathering and analyzing grant data related to a select list of diseases that have been identified as priorities due to their potential impact on public health. Below, you will find a comprehensive list of these diseases, the pathogens they are caused by, and associated keywords or search terms. These terms are carefully chosen to enhance our search capabilities, ensuring we can capture a broad range of grant projects related to these priority diseases.

This organized information will assist you in efficiently filtering and sharing your grant project data with us. By aligning your submissions with the specific diseases and the pathogens they are caused by, listed, you contribute to a focused and meaningful analysis of funding trends and gaps in crucial areas of public health research and intervention. That said, we do recognise that funders may have their own existing methods for collating the relevant data and we are happy to accommodate and discuss these if alignment to this search strategy is not possible. Please contact our data manager, Thomas Mendy at [thomas.mendy@ndm.ox.ac.uk](mailto:thomas.mendy@ndm.ox.ac.uk)

 A critical inclusion criterion for our research is that the grants must have been awarded from the year 2020 onwards. We strongly encourage you to share data on grants awarded from 1 January.

### Diseases, Pathogen, Pathogen Family and Search Terms

Using **SNOMED** nomenclature. \* (recently reclassified as *Nairoviridae* for Lassa and *Phenuiviridae* for RVF, however SNOMED has not yet updated)

Disease Names	Families	Priority pathogen/ Prototype pathogen	Other name(s)	Search Terms
<b>Lassa fever, Lassa Hemorrhagic fever, Lassa Haemorrhagic Fever</b>	Arenaviridae	Mammarenavirus lassaense	Lassa Virus	Arenavirus, Lassa, LASV, Mammarenavirus lassaense

<b>Argentine Hemorrhagic Fever (AHF), Argentine Haemorrhagic Fever, Argentinian Hemorrhagic fever, Argentinian Haemorrhagic Fever, Junin Hemorrhagic Fever, Junin Haemorrhagic Fever</b>	Arenaviridae	Mammarenavirus juninense	Argentine Haemorrhagic Fever Virus, Junin Hemorrhagic Fever Virus	Junin virus, Argentine Hemorrhagic Fever, Argentine Haemorrhagic Fever, Argentine Haemorrhagic Fever, Argentinian Hemorrhagic fever, Argentinian Haemorrhagic Fever, Junin Hemorrhagic Fever, Junin Haemorrhagic Fever, AHF, Mammarenavirus juninense
<b>Lujo hemorrhagic fever (LHF), Lujo Haemorrhagic Fever</b>	Arenaviridae	Mammarenavirus lujoense	Lujo Haemorrhagic Fever Virus, Lujo Hemorrhagic Fever Virus	Lujo hemorrhagic fever, LHF, Lujo Haemorrhagic Fever, Lujo virus, Mammarenavirus lujoense
<b>Cholera</b>	Vibrionaceae	Vibrio cholerae serogroup 0139	Cholera Virus serogroup 0140	Cholera, Vibrio cholerae serogroup 0140
<b>Plague</b>	Yersiniaceae	Yersinia pestis	Yersinia pestis	Bubonic Plague, Pneumonic Plague, Septicemic plague, septicemic plague, Yersinia Pestis,
<b>Shigellosis/ Shigella infection</b>	Enterobacteriaceae	Shigella dysenteriae serotype 1	Shigella Virus serotype 1	Shigella dysenteriae serotype 1, Shigella dysenteriae, Shiga toxin, Shigellosis
<b>Salmonella infection/ Salmonellosis</b>	Enterobacteriaceae	Salmonella enterica non typhoidal serovars	Salmonella enterica non typhoidal serovars	Salmonella enterica non-typhoidal serovars, non-typhoidal salmonella, Salmonellosis
<b>Klebsiella pneumonia/ Friedlander's bacillus infection</b>	Enterobacteriaceae	Klebsiella pneumoniae	Klebsiella pneumoniae	Klebsiella pneumoniae, Friedlander's bacillus infection, Healthcare-associated infections AND Klebsiella, Nosocomial infections AND Klebsiella pneumoniae

<b>COVID-19</b>	Coronaviridae	SARS-CoV-2	Severe-Acute-Respiratory-Coronavirus 2	Coronavirus, Covid-19, SARS, SARS-Cov, nCoV, sars-cov-2, Severe Acute Respiratory Syndrome, coronavir, SARS coronaviruses, Sarbecovirus
<b>Middle East respiratory syndrome coronavirus (MERS)</b>	Coronaviridae	MERS-CoV	Middle East Respiratory Coronavirus	MERS-Cov, Middle East respiratory syndrome, MERS coronaviruses, Merbecovirus
<b>Severe Acute Respiratory Syndrome (SARS)</b>	Coronaviridae	SARS-CoV-1	Severe-Acute-Respiratory Coronavirus-1	Coronavirus, Covid-19, SARS, SARS-Cov, nCoV, sars-cov-2, Severe Acute Respiratory Syndrome, coronavir, SARS coronaviruses, Sarbecovirus
<b>Zaire Ebolavirus disease</b>	Filoviridae	Orthoebolavirus zairense	Ebola Zaire Virus	Filovirus, Ebola, EBOV, EVD, ebolavirus, Orthoebolavirus zairense, Zaire Ebolavirus disease
<b>Ebola Sudan virus disease</b>	Filoviridae	Orthoebolavirus sudanense	Ebola Sudan Virus	Filovirus, Ebola, EBOV, EVD, ebolavirus, Orthoebolavirus sudanense, Ebola Sudan virus disease, SVD
<b>Marburg virus disease, Marburg Hemorrhagic Fever, Marburg Haemorrhagic Fever</b>	Filoviridae	Orthomarburgvirus marburgense	Marburg Virus	Filovirus, Marburg, MARV, MVD, Orthomarburgvirus marburgense
<b>Zika virus disease</b>	Flaviviridae	Orthoflavivirus zikaense	Zika Virus	Zika, ZIKV, Orthoflavivirus zikaense
<b>Congenital infection caused by Zika virus</b>	Flaviviridae	Orthoflavivirus zikaense	Zika Virus	Zika, ZIKV, Orthoflavivirus zikaense
<b>Tick-Borne Encephalitis</b>	Flaviviridae	Orthoflavivirus encephalitidis	Tick-Borne Encephalitis Virus	Flavivirus, Tick-Borne Encephalitis, Tick borne encephalitis, TBE,

				Orthoflavivirus encephalitis
<b>West Nile Virus Infection</b>	Flaviviridae	Orthoflavivirus nilense	West Nile Virus	Flavivirus, West Nile Virus, WNV, West Nile Fever, Orthoflavivirus nilense
<b>Dengue, Dengue Hemorrhagic fever, Dengue Haemorrhagic fever</b>	Flaviviridae	Orthoflavivirus denguei	Dengue virus	Flavivirus, Dengue, Dengue Hemorrhagic fever, Dengue Haemorrhagic fever, Orthoflavivirus denguei, Dengue virus (DENV)
<b>Yellow Fever</b>	Flaviviridae	Orthoflavivirus flavi	Yellow Fever Virus	Flavivirus, Yellow Fever Virus, YFV, Orthoflavivirus flavi
<b>Hanta Hemorrhagic Fever</b>	Hantaviridae	Orthohantavirus sinnombreense	Hantavirus	Flavivirus, Hantaan virus, Hantavirus, HTNV, HFRS, Hemorrhagic fever with renal syndrome, Hantavirus pulmonary syndrome, HPS, Orthohantavirus sinnombreense
<b>Hanta Hemorrhagic Fever</b>	Hantaviridae	Orthohantavirus hantanense	Hantavirus	Flavivirus, Hantaan virus, Hantavirus, HTNV, HFRS, Hemorrhagic fever with renal syndrome, Hantavirus pulmonary syndrome, HPS, Korean hemorrhagic fever, Orthohantavirus hantanense
<b>Crimean-Congo haemorrhagic fever, Crimean-Congo hemorrhagic fever</b>	Nairoviridae	Orthonairovirus haemorrhagiae	Crimean-Congo haemorrhagic fever Virus	Bunyavirus, Nairovirus, Crimean-Congo, CCHF, Orthonairovirus haemorrhagiae, Crimean Congo

<b>Swine Influenza</b>	Orthomyxoviridae	Alphainfluenzavirus Influenzae H3 Alphainfluenzavirus Influenzae H5 Alphainfluenza virus influenzae H7 Alphainfluenzavirus Influenzae H1 Alphainfluenza virus influenzae H2 Alphainfluenza virus influenzae H6, Alphainfluenza virus influenzae H10	Influenza A virus	Orthomyxovirus, Influenza A subtype, pandemic influenza, H1N1, H5N1, H7N9, avian AND flu, zoonotic AND flu, swine AND flu, H3N2, H3N8, H5N8, H7N7, H7N3, H7N2, H1N2, H2N2, H6N6, H10N3, H10N7, H10N8, H10N5
<b>Infection caused by Nipah virus</b>	Paramyxoviridae	Henipavirus nipahense	Influenza A virus	Henipavirus, Nipah, henipavir, NiVe, Henipavirus nipahense
<b>Infection caused by Hendra virus</b>	Paramyxoviridae	Henipavirus hendraense	Hendra Virus	Henipavirus, henipavir, hendra, HeV
<b>Rift Valley fever</b>	Phenuiviridae	Phlebovirus riftense	Rift Valley fever Virus	Rift valley, RVF, Phlebovirus riftense
<b>Severe Fever with Thrombocytopenia Syndrome</b>	Phenuiviridae	Bandavirus dabieense	Severe Fever with Thrombocytopenia Syndrome Virus	Phenuivirus, Severe Fever with Thrombocytopenia Syndrome, SFTS, Bandavirus dabieense
<b>Vaccinia virus infection</b>	Poxviridae	Orthopoxvirus vaccinia	Vaccinia Virus	Poxvirus, Vaccinia virus, Orthopoxvirus vaccinia
<b>Smallpox</b>	Poxviridae	Orthopoxvirus variola	Variola Virus	Poxvirus, Smallpox virus, Variola virus, Orthopoxvirus variola
<b>mpox, monkeypox</b>	Poxviridae	Orthopoxvirus monkeypox	Monkeypox Virus	Poxvirus, Mpox, monkeypox, MPV, MPXV, hMPXV, Orthopoxvirus monkeypox
<b>Chikungunya fever, Chikungunya hemorrhagic fever,</b>	Togaviridae	Alphavirus chikungunya	Chikungunya Virus	Togavirus, Chikungunya fever, Chikungunya hemorrhagic fever, Chikungunya

<b>Chikungunya haemorrhagic fever</b>				haemorrhagic fever, Alphavirus chikungunya
<b>Venezuelan equine encephalitis virus infection</b>	Togaviridae	Alphavirus venezuelan	Venezuelan equine encephalitis virus	Togavirus, Venezuelan equine encephalitis virus, VEEV, Alphavirus venezuelan
<b>Disease X</b>	N/A	Pathogen X	N/A	Novel pathogen, Pathogen X, Disease X

## Search Terms for Capacity and Surveillance (relating to Pandemic Preparedness)

The below is the "Search Terms for Capacity and Surveillance," which outlines the specific areas of interest within our expanded research focus on pandemic preparedness. Each area is linked with its corresponding search terms, facilitating a deeper exploration into capacity building and surveillance efforts in public health.

Area	Search Terms
<b>Capacity</b>	Preparedness and novel pathogens, preparedness and pandemic, preparedness and novel infectious disease, clinical trials and pathogens of pandemic potential, clinical trials and pandemic, capacity and pandemic, capabilities and emerging infections, ethics and pandemic, ethics and novel infectious disease, ethics and novel pathogens, infrastructure and novel pathogens, infrastructure and pandemic
<b>Surveillance</b>	Surveillance and novel pathogens, Data and novel pathogens, Data and pandemic, Disease surveillance and novel pathogens, Modelling and novel infectious disease, Modelling and pandemic, Platforms and pandemic, Consortium and emerging infections

## Grant Eligibility illustration Criteria flowchart:

The flowchart below provides a clear illustration of our Grant Eligibility Criteria process. It outlines the step-by-step flow, starting from the identification of “Diseases caused by WHO high-risk PHEIC pathogens” and “Pandemic Preparedness categories” using our developed search terms, as detailed in the disease table above.

A critical inclusion criterion for this research is that grants must have been awarded from the year 2020 onwards. This flowchart serves as a visual representation of our eligibility process, ensuring a comprehensive understanding of the methodology.

