

INTREPID Alliance Antiviral Landscape: Overview of 13 Priority Viral Families*

As of July 12, 2024, for the 13 viral families with greatest risk of pandemic potential, clinical phase & approved antiviral compounds fall into 9 of 13 and preclinical into 10 of 13.

Primarily Respiratory Transmission:

| Viral Family | Disease Indication (n)** | |
|------------------|-------------------------------------------------------------------------|-----------------------------|
| | Preclinical | Clinical |
| Adenoviridae | HuAdeno A-G (3) | HuAdeno A-G (0) |
| Coronaviridae | COVID-19 (73) MERS-CoV (5) SARS-CoV-1 (5) | COVID-19 (29) |
| Orthomyxoviridae | Influenza (12) | Influenza (9) |
| Paramyxoviridae | Hendra virus (3) Measles (1) Nipah virus (3) Parainfluenza (0) | X |
| Picornaviridae | X | Polio (2) Rhinovirus (1) |

X = absence of preclinical or clinical phase antivirals

Primarily Contact/Vector-Mediated Transmission:

| Viral Family | Disease Indication (n)** | |
|------------------|---------------------------------------------------------------------|-------------------------------------------|
| | Preclinical | Clinical |
| Arenaviridae | Lassa fever (1) Argentine hem. fever (0) Luján hem. fever (0) | Lassa fever (1) Chapare hem. fever (1) |
| Filoviridae | Ebola (1) Marburg (3) | Ebola (2) |
| Flaviviridae | Dengue (4) West Nile (1) Yellow fever (3) Zika (2) | Dengue (3) Japanese encephalitis (0) |
| Hantaviridae | Hantavirus (1) | X |
| Nairoviridae | X | Crimean Congo hem. fever (2) |
| Peribunyaviridae | X | X |
| Poxviridae | Mpox (2) Smallpox/Other poxviruses (1) | Mpox (1) |
| Togaviridae | Chikungunya (3) | X |

*As of July 12, 2024; **Number of compounds in ongoing development; those with (0) only have "Archived" compounds.



INTREPID ALLIANCE

INTERNATIONAL READINESS FOR PREVENTING INFECTIOUS VIRAL DISEASE

**Interested
in engaging
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We welcome all feedback through [our online portal](#). As with previous listings, developers are invited to submit non-confidential information on their compound candidates. All reports are updated quarterly.

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