

**Supplementary Table S1.** Examples of Outbreaks in Human Populations by RNA Viruses Harbored by Rodents

<b>Virus Common Name</b>	<b>Virus Species Name (ICTV)</b>	<b>Family</b>	<b>Notable outbreaks</b>	<b>Reservoir</b>	<b>Citations</b>
Chapare Virus	<i>Chapare mammarenavirus</i>	<i>Arenaviridae</i>	2003-2004; 2019 Bolivia	Unknown	[286,287]
Guanarito Virus	<i>Guanarito mammarenavirus</i>	<i>Arenaviridae</i>	1989 Venezuela	<i>Zygodontomys brevicauda</i>	[288,289]
Hantavirus	<i>Hantaan orthohantavirus</i> <i>Sin Nombre orthohantavirus</i>	<i>Hantaviridae</i>	1950-1953 Korea 1993 Four Corners, USA	Various rodent spp.	[290-292]
Junin Virus	<i>Argentinian mammarenavirus</i>	<i>Arenaviridae</i>	Recognized ca. 1950 Argentina	<i>Calomys musculinius</i>	[243,246]
Lassa Virus	<i>Lassa mammarenavirus</i>	<i>Arenaviridae</i>	Recognized ca. 1950 West Africa	<i>Mastomys natalensis</i>	[255,293]
Lujo Virus	<i>Lujo mammarenavirus</i>	<i>Arenaviridae</i>	2008 Zambia and South Africa	Unknown	[294]
Lymphocytic Choriomeningitis Virus	<i>Lymphocytic choriomeningitis mammarenavirus</i>	<i>Arenaviridae</i>	Recognized ca. 1933 U.S.A.	<i>Mus musculus</i>	[295,296]
Machupo Virus	<i>Machupo mammarenavirus</i>	<i>Arenaviridae</i>	1950s-60s Bolivia	<i>Calomys callosus</i>	[297]
Sabiá Virus	<i>Brazilian mammarenavirus</i>	<i>Arenaviridae</i>	1990 Brazil	Unknown	[298,299]

**Supplementary Table S2.** Examples of Outbreaks in Human Populations by RNA Viruses Harbored by Bats

<b>Virus Common Name</b>	<b>Virus Species Name (ICTV)</b>	<b>Family</b>	<b>Notable outbreaks</b>	<b>Reservoir</b>	<b>Citations</b>
Ebola Virus	<i>Sudan ebolavirus</i> <i>Zaire ebolavirus</i>	<i>Filoviridae</i>	1967, 2014-2016 West Africa	Fruit bats (proposed)	[34,37,215]
Hendra Virus	<i>Hendra henipavirus</i>	<i>Paramyxoviridae</i>	1994 - present Australia	<i>Pteropus</i> spp.	[200,201,222,223]
Marburg Virus	<i>Marburg marburgvirus</i>	<i>Filoviridae</i>	1967 Germany, Serbia	<i>Rousettus aegyptiacus</i>	[209,213]
MERS-CoV	<i>Middle East respiratory syndrome-related coronavirus</i>	<i>Coronaviridae</i>	2012 Middle East, 2015 Republic of Korea	Various bat species	[203,206,282-287]
Nipah Virus	<i>Nipah henipavirus</i>	<i>Paramyxoviridae</i>	1998-1999, Southeast Asia, Sporadic in SE Asia	<i>Pteropus</i> spp.	[231,232,234]
Rabies Virus	<i>Rabies lyssavirus</i>	<i>Rhabdoviridae</i>	Recognized since 1930's Africa, Asia and Americas	Various bat species	[32,192]
SARS-CoV	<i>Severe acute respiratory syndrome- related coronavirus</i>	<i>Coronaviridae</i>	2003-2004 ~24 countries	Various bat species	[24]
SARS-CoV-2	<i>Severe acute respiratory syndrome coronavirus 2</i>	<i>Coronaviridae</i>	2019 Global pandemic	Bats (proposed)	[14]