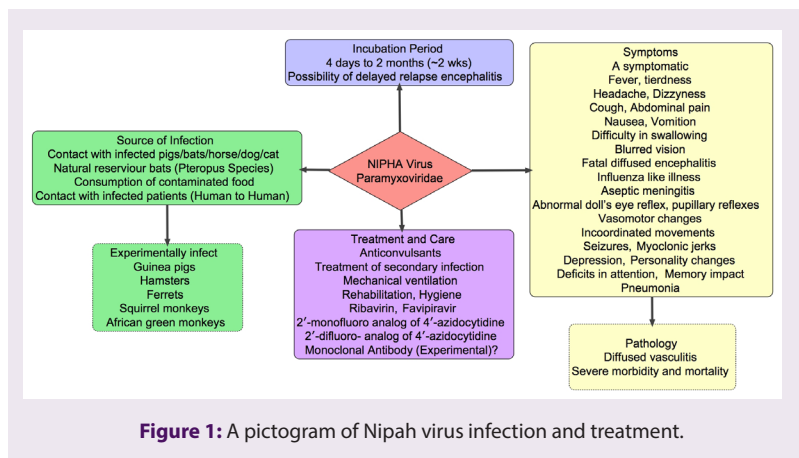


# A Pictogram of Nipah Virus Infection and Treatment

Arun HS Kumar

School of Veterinary Medicine, UCD-Conway Institute of Biomolecular and Biomedical Research, University College Dublin, Belfield, Dublin 4, IRELAND.

Nipah virus (NIV) belongs to Henipavirus genus in the family of paramyxoviridae, which are negative sense single stranded RNA virus.<sup>1</sup> Nipah virus is naturally harboured in fruit eating pteropid bats and is reported to cause neurological and respiratory disease in pigs, horses and humans. NIV infection is prevalent in the south Asian region. NIV infection is associated with high fatality rate, which is reported to be 40-75%. Below is a pictogram (Figure 1) of NIV infection, symptoms, pathology and currently known treatment options,<sup>2-4</sup> which will be useful to patients as well as healthcare professionals.



## REFERENCES

1. Ang BSP, Lim TCC, Wang L. Nipah Virus Infection. J Clin Microbiol. 2018.
2. Lo MK, *et al.* Susceptibility of paramyxoviruses and filoviruses to inhibition by 2'-monofluoro- and 2'-difluoro-4'-azidocytidine analogs. Antiviral Res. 2018;153:101-13.
3. Dawes BE, *et al.* Favipiravir (T-705) protects against Nipah virus infection in the hamster model. Sci Rep. 2018;8:7604.
4. Geisbert TV, *et al.* Therapeutic treatment of Nipah virus infection in nonhuman primates with a neutralizing human monoclonal antibody. Sci Transl Med. 2014;6:242ra82.

## Correspondence

**Dr. Arun HS Kumar, DVM, PhD.**

Director-Stemcology, Rm 216, School of Veterinary Medicine, University College Dublin, Belfield, Dublin-04, IRELAND.

Phone no: 0035317166230,

Fax: 00353017166104,

Email: arun.kumar@ucd.ie

DOI : 10.5530/bems.4.1.ed.1

## Article Available online

<http://www.bemsreports.org>

## Copyright

© 2018 Phcog.Net. This is an open-access article distributed under the terms of the Creative Commons Attribution 4.0 International license