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**BIOLOGICAL AGENTS AND TOXINS ACT  
(CHAPTER 24A)**

**BIOLOGICAL AGENTS AND TOXINS ACT  
(AMENDMENT OF FIRST SCHEDULE)  
ORDER 2021**

In exercise of the powers conferred by section 62 of the Biological Agents and Toxins Act, the Minister for Health makes the following Order:

**Citation and commencement**

1. This Order is the Biological Agents and Toxins Act (Amendment of First Schedule) Order 2021 and comes into operation on 16 February 2021.

**Amendment of Part I of First Schedule**

2. Part I of the First Schedule to the Biological Agents and Toxins Act is amended —

(a) by inserting, immediately after paragraph (f) of item 2 under the heading “*VIRUSES*”, the following paragraphs:

“(g) Heartland virus

(h) Severe Fever Thrombocytopenia Syndrome Virus”;

(b) by deleting paragraph (a) of item 8 under the heading “*VIRUSES*” and substituting the following paragraph:

“(a) Human immunodeficiency virus (HIV) Types 1 and 2, except for any HIV lentiviral vector system which has at least 2 of the following features:

(i) the U3 region of the 3’LTR in the transfer vector is absent or altered, which results in a stable self-inactivating (SIN) configuration;

- (ii) the HIV genes for packaging function are split to a minimum of 2 packaging plasmids (excluding the *env* plasmid);
  - (iii) the *vpr*, *vpu*, *vif* and *nef* genes are either absent or altered to be non-functional; or
  - (iv) the vector system requires minimally 4-recombination to achieve Replication Competent Lentivirus (RCL)”; and
- (c) by deleting paragraph (d) of item 10 under the heading “*VIRUSES*”.

Made on 4 February 2021.

CHAN YENG KIT  
*Permanent Secretary,*  
*Ministry of Health,*  
*Singapore.*

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