



# Changes to virus taxonomy and the ICTV Statutes ratified by the International Committee on Taxonomy of Viruses (2023)

Francisco Murilo Zerbini<sup>1</sup> · Stuart G. Siddell<sup>2</sup> · Elliot J. Lefkowitz<sup>3</sup> · Arcady R. Mushegian<sup>4</sup> · Evelien M. Adriaenssens<sup>5</sup> · Poliane Alfenas-Zerbini<sup>6</sup> · Donald M. Dempsey<sup>3</sup> · Bas E. Dutilh<sup>7,8</sup> · María Laura García<sup>9</sup> · R. Curtis Hendrickson<sup>3</sup> · Sandra Junglen<sup>10</sup> · Mart Krupovic<sup>11</sup> · Jens H. Kuhn<sup>12</sup> · Amy J. Lambert<sup>13</sup> · Małgorzata Łobocka<sup>14</sup> · Hanna M. Oksanen<sup>15</sup> · David L. Robertson<sup>16</sup> · Luisa Rubino<sup>17</sup> · Sead Sabanadzovic<sup>18</sup> · Peter Simmonds<sup>19</sup> · Donald B. Smith<sup>19</sup> · Nobuhiro Suzuki<sup>20</sup> · Koenraad Van Doorslaer<sup>21</sup> · Anne-Mieke Vandamme<sup>22,23</sup> · Arvind Varsani<sup>24</sup>

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## Abstract

This article reports changes to virus taxonomy and taxon nomenclature that were approved and ratified by the International Committee on Taxonomy of Viruses (ICTV) in April 2023. The entire ICTV membership was invited to vote on 174 taxonomic proposals that had been approved by the ICTV Executive Committee in July 2022, as well as a proposed revision of the ICTV Statutes. All proposals and the revised ICTV Statutes were approved by a majority of the voting membership. Of note, the ICTV continued the process of renaming existing species in accordance with the recently mandated binomial format and included gene transfer agents (GTAs) in the classification framework by classifying them as viriforms. In total, one class, seven orders, 31 families, 214 genera, and 858 species were created.

## Introduction

Changes to virus taxonomy (the universal scheme of virus classification of the International Committee on Taxonomy of Viruses [ICTV]) take place annually and are the result of a multi-stage process. In accordance with the ICTV Statutes (<https://ictv.global/about/statutes>), proposals are submitted to the ICTV Executive Committee (EC) and undergo a review process that involves input from the ICTV Study Groups (SGs) and Subcommittees (SCs), other interested virologists, and the EC. After final approval by the EC, proposals are placed on the ICTV website (<https://ictv.global>) for viewing by the full ICTV membership, which ratifies them by online voting [1].

The latest set of proposals approved by the EC was made available on the ICTV website in February 2023 (see <https://ictv.global/files/proposals/approved> for all proposals combined into a single zip file, and use the links provided in the References to access individual proposals). A list of proposals was emailed on March 8, 2023, to the 185 members of

the ICTV – the EC Members, SC Members (including the SG chairs and co-chairs), ICTV Life Members, and ICTV National Representatives. Members were then requested to vote on whether to ratify the taxonomic proposals. Voting closed on April 8, 2023.

## Changes to virus taxonomy and the ICTV Statutes

All proposals [1–174] were ratified by ICTV members (72% of eligible voters), in every case receiving a majority of "yes" votes (99–100%). A summary of the taxonomy changes enacted by the proposals is provided in Table 1. The new class, orders, and families ratified in 2023 are listed in Table 2. Each proposal is cited and listed in the References to acknowledge the authors' efforts and to provide links to the specific proposal on the ICTV website. These documents remain available for those who would like to see the details of the proposals.

Of note, a large number of proposals renamed existing species for compliance with the recently mandated binomial nomenclature format. As a result, 8,982 out of the current 11,273 species (80%) now have binomial names. The

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Extended author information available on the last page of the article

**Table 1** Summary of taxonomic changes approved by the ICTV in 2023

Rank	MSL #37 Total <sup>a</sup>	New	Abolished	Moved	Renamed	MSL #38 Total <sup>b</sup>
Realm	6	0	0	0	0	<b>6</b>
Subrealm	0	0	0	0	0	<b>0</b>
Kingdom	10	0	0	0	0	<b>10</b>
Subkingdom	0	0	0	0	0	<b>0</b>
Phylum	17	0	0	0	0	<b>17</b>
Subphylum	2	0	0	0	0	<b>2</b>
Class	39	1	0	0	0	<b>40</b>
Subclass	0	0	0	0	0	<b>0</b>
Order	65	7	0	0	0	<b>72</b>
Suborder	8	0	0	0	0	<b>8</b>
Family	233	31	0	1	1	<b>264</b>
Subfamily	168	14	0	1	0	<b>182</b>
Genus	2,606	214	2	15	12	<b>2,818</b>
Subgenus	84	0	0	0	0	<b>84</b>
Species	10,434	858	19	6	1,643	<b>11,273</b>

<sup>a</sup>Total number of taxa in the ICTV Master Species List prior to 2023 ratification

<sup>b</sup>Total number of taxa now recognized, as reported in the ICTV Master Species List #38

**Table 2** New classes, orders, and families ratified by the ICTV in 2023

Lineage	Taxon history page
New class	
<i>Varidnaviria</i> › <i>Bamfordvirae</i> › <i>Preplasmiviricota</i> › <i>Ainoaviricetes</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202214454">https://ictv.global/taxonomy/taxondetails?taxnode_id=202214454</a>
New orders	
<i>Adnaviria</i> › <i>Zilligvirae</i> › <i>Taleaviricota</i> › <i>Tokiviricetes</i> › <i>Maximonvirales</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202214278">https://ictv.global/taxonomy/taxondetails?taxnode_id=202214278</a>
<i>Duplodnaviria</i> › <i>Heunggongvirae</i> › <i>Uroviricota</i> › <i>Caudoviricetes</i> › <i>Juravirales</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202214312">https://ictv.global/taxonomy/taxondetails?taxnode_id=202214312</a>
<i>Duplodnaviria</i> › <i>Heunggongvirae</i> › <i>Uroviricota</i> › <i>Caudoviricetes</i> › <i>Magrovirales</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202214313">https://ictv.global/taxonomy/taxondetails?taxnode_id=202214313</a>
<i>Duplodnaviria</i> › <i>Heunggongvirae</i> › <i>Uroviricota</i> › <i>Caudoviricetes</i> › <i>Nakonvirales</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202214277">https://ictv.global/taxonomy/taxondetails?taxnode_id=202214277</a>
<i>Varidnaviria</i> › <i>Bamfordvirae</i> › <i>Preplasmiviricota</i> › <i>Ainoaviricetes</i> › <i>Lautamovirales</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202214455">https://ictv.global/taxonomy/taxondetails?taxnode_id=202214455</a>
<i>Varidnaviria</i> › <i>Bamfordvirae</i> › <i>Preplasmiviricota</i> › <i>Tectiliviricetes</i> › <i>Atroposvirales</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202214301">https://ictv.global/taxonomy/taxondetails?taxnode_id=202214301</a>
<i>Varidnaviria</i> › <i>Bamfordvirae</i> › <i>Preplasmiviricota</i> › <i>Tectiliviricetes</i> › <i>Coyopavirales</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202214279">https://ictv.global/taxonomy/taxondetails?taxnode_id=202214279</a>
New families	
<i>Adnaviria</i> › <i>Zilligvirae</i> › <i>Taleaviricota</i> › <i>Tokiviricetes</i> › <i>Maximonvirales</i> › <i>Ahmunviridae</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202214283">https://ictv.global/taxonomy/taxondetails?taxnode_id=202214283</a>
<i>Duplodnaviria</i> › <i>Heunggongvirae</i> › <i>Uroviricota</i> › <i>Caudoviricetes</i> › <i>Aliceevansviridae</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202214336">https://ictv.global/taxonomy/taxondetails?taxnode_id=202214336</a>
<i>Duplodnaviria</i> › <i>Heunggongvirae</i> › <i>Uroviricota</i> › <i>Caudoviricetes</i> › <i>Arenbergviridae</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202214487">https://ictv.global/taxonomy/taxondetails?taxnode_id=202214487</a>
<i>Duplodnaviria</i> › <i>Heunggongvirae</i> › <i>Uroviricota</i> › <i>Caudoviricetes</i> › <i>Fervensviridae</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202214327">https://ictv.global/taxonomy/taxondetails?taxnode_id=202214327</a>

Table 2 (continued)

Lineage	Taxon history page
<i>Duplodnaviria</i> › <i>Heunggongvirae</i> › <i>Uroviricota</i> › <i>Caudoviricetes</i> › <i>Fredfastierviridae</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202214595">https://ictv.global/taxonomy/taxondetails?taxnode_id=202214595</a>
<i>Duplodnaviria</i> › <i>Heunggongvirae</i> › <i>Uroviricota</i> › <i>Caudoviricetes</i> › <i>Gri-montviridae</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202214614">https://ictv.global/taxonomy/taxondetails?taxnode_id=202214614</a>
<i>Duplodnaviria</i> › <i>Heunggongvirae</i> › <i>Uroviricota</i> › <i>Caudoviricetes</i> › <i>Kleczkowskaviridae</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202214640">https://ictv.global/taxonomy/taxondetails?taxnode_id=202214640</a>
<i>Duplodnaviria</i> › <i>Heunggongvirae</i> › <i>Uroviricota</i> › <i>Caudoviricetes</i> › <i>Pootjesviridae</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202214761">https://ictv.global/taxonomy/taxondetails?taxnode_id=202214761</a>
<i>Duplodnaviria</i> › <i>Heunggongvirae</i> › <i>Uroviricota</i> › <i>Caudoviricetes</i> › <i>Pungoviridae</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202214328">https://ictv.global/taxonomy/taxondetails?taxnode_id=202214328</a>
<i>Duplodnaviria</i> › <i>Heunggongvirae</i> › <i>Uroviricota</i> › <i>Caudoviricetes</i> › <i>Speroviridae</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202214329">https://ictv.global/taxonomy/taxondetails?taxnode_id=202214329</a>
<i>Duplodnaviria</i> › <i>Heunggongvirae</i> › <i>Uroviricota</i> › <i>Caudoviricetes</i> › <i>Stanwilliamsviridae</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202214925">https://ictv.global/taxonomy/taxondetails?taxnode_id=202214925</a>
<i>Duplodnaviria</i> › <i>Heunggongvirae</i> › <i>Uroviricota</i> › <i>Caudoviricetes</i> › <i>Verdandiviridae</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202214302">https://ictv.global/taxonomy/taxondetails?taxnode_id=202214302</a>
<i>Duplodnaviria</i> › <i>Heunggongvirae</i> › <i>Uroviricota</i> › <i>Caudoviricetes</i> › <i>Juravirales</i> › <i>Yangangviridae</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202214315">https://ictv.global/taxonomy/taxondetails?taxnode_id=202214315</a>
<i>Duplodnaviria</i> › <i>Heunggongvirae</i> › <i>Uroviricota</i> › <i>Caudoviricetes</i> › <i>Juravirales</i> › <i>Yanlukaviridae</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202214314">https://ictv.global/taxonomy/taxondetails?taxnode_id=202214314</a>
<i>Duplodnaviria</i> › <i>Heunggongvirae</i> › <i>Uroviricota</i> › <i>Caudoviricetes</i> › <i>Magrovirales</i> › <i>Aoguangviridae</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202214316">https://ictv.global/taxonomy/taxondetails?taxnode_id=202214316</a>
<i>Duplodnaviria</i> › <i>Heunggongvirae</i> › <i>Uroviricota</i> › <i>Caudoviricetes</i> › <i>Nakonvirales</i> › <i>Ahpuchviridae</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202214280">https://ictv.global/taxonomy/taxondetails?taxnode_id=202214280</a>
<i>Duplodnaviria</i> › <i>Heunggongvirae</i> › <i>Uroviricota</i> › <i>Caudoviricetes</i> › <i>Nakonvirales</i> › <i>Ekchuahviridae</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202214281">https://ictv.global/taxonomy/taxondetails?taxnode_id=202214281</a>
<i>Monodnaviria</i> › <i>Shotokuvirae</i> › <i>Cressdnaviricota</i> › <i>Arfiviricetes</i> › <i>Mulpavirales</i> › <i>Amesuviridae</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202215103">https://ictv.global/taxonomy/taxondetails?taxnode_id=202215103</a>
<i>Riboviria</i> › <i>Orthornavirae</i> › <i>Duplornaviricota</i> › <i>Chrymotiviricetes</i> › <i>Ghabrivirales</i> › <i>Alternaviridae</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202214981">https://ictv.global/taxonomy/taxondetails?taxnode_id=202214981</a>
<i>Riboviria</i> › <i>Orthornavirae</i> › <i>Negarnaviricota</i> › <i>Tosoviridae</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202214178">https://ictv.global/taxonomy/taxondetails?taxnode_id=202214178</a>
<i>Riboviria</i> › <i>Orthornavirae</i> › <i>Pisuviricota</i> › <i>Pisoniviricetes</i> › <i>Picornavirales</i> › <i>Noraviridae</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202214001">https://ictv.global/taxonomy/taxondetails?taxnode_id=202214001</a>
<i>Varidnaviria</i> › <i>Bamfordvirae</i> › <i>Nucleocytoviricota</i> › <i>Megaviricetes</i> › <i>Mamonoviridae</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202215059">https://ictv.global/taxonomy/taxondetails?taxnode_id=202215059</a>
<i>Varidnaviria</i> › <i>Bamfordvirae</i> › <i>Nucleocytoviricota</i> › <i>Megaviricetes</i> › <i>Imitervirales</i> › <i>Allomimiviridae</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202215020">https://ictv.global/taxonomy/taxondetails?taxnode_id=202215020</a>
<i>Varidnaviria</i> › <i>Bamfordvirae</i> › <i>Nucleocytoviricota</i> › <i>Megaviricetes</i> › <i>Imitervirales</i> › <i>Mesomimiviridae</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202215021">https://ictv.global/taxonomy/taxondetails?taxnode_id=202215021</a>
<i>Varidnaviria</i> › <i>Bamfordvirae</i> › <i>Nucleocytoviricota</i> › <i>Megaviricetes</i> › <i>Imitervirales</i> › <i>Schizomimiviridae</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202215022">https://ictv.global/taxonomy/taxondetails?taxnode_id=202215022</a>
<i>Varidnaviria</i> › <i>Bamfordvirae</i> › <i>Preplasmiviricota</i> › <i>Tectiliviricetes</i> › <i>Atropovirales</i> › <i>Skuldviridae</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202214303">https://ictv.global/taxonomy/taxondetails?taxnode_id=202214303</a>
<i>Varidnaviria</i> › <i>Bamfordvirae</i> › <i>Preplasmiviricota</i> › <i>Tectiliviricetes</i> › <i>Coyopavirales</i> › <i>Chaacviridae</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202214284">https://ictv.global/taxonomy/taxondetails?taxnode_id=202214284</a>
<i>Itzamnnaviridae</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202214282">https://ictv.global/taxonomy/taxondetails?taxnode_id=202214282</a>
<i>Bartogtaviriformidae</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202215064">https://ictv.global/taxonomy/taxondetails?taxnode_id=202215064</a>
<i>Brachygtaviriformidae</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202215065">https://ictv.global/taxonomy/taxondetails?taxnode_id=202215065</a>
<i>Rhodogtaviriformidae</i>	<a href="https://ictv.global/taxonomy/taxondetails?taxnode_id=202215063">https://ictv.global/taxonomy/taxondetails?taxnode_id=202215063</a>

process will be concluded in 2023, with the remaining 2,291 species being renamed.

Another notable taxonomic change approved in this ratification was the inclusion of gene transfer agents (GTAs) in the classification scheme as viriforms [154].

A change to the ICTV Statutes was also ratified in the vote and approved in May 2023 by the Virology Division of the International Union of Microbiological Societies (IUMS), which is the parent organization of the ICTV. The new ICTV Statutes can be found at <https://ictv.global/about/statutes>. The purpose of the approved change was to specify a three-year cycle for the ICTV Plenary Meeting. As stated in the new text of Article 5.1: "Plenary Meetings of the full ICTV membership shall be held every three years. In the years when it coincides with the International Congresses of Virology (ICV) organized by the IUMS, the Plenary Meeting shall be held in conjunction with the ICV. Otherwise, the Plenary Meeting shall be held online no later than one month after the Executive Committee annual meeting".

## Conclusion

All proposals submitted for ratification were ratified by a majority vote of the ICTV, and the additions and changes to virus classification are now part of the official ICTV taxonomy. New ICTV Statutes are now in force as well. An up-to-date list of all approved taxa, which now includes 11,273 virus species, can be found on the ICTV website: See <https://ictv.global/msl> for the Master Species List (MSL) and <https://ictv.global/vmr> for the Virus Metadata Resource (VMR), the latter of which provides an exemplar virus isolate for each species along with the GenBank accession number of the isolate.

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**Data availability** All Taxonomy Proposals and all other ICTV resources mentioned in this article are freely available at the ICTV website (<http://www.ictv.global>).

## Declarations

**Conflict of interest** The authors declare no conflicts of interest.

**Ethical approval** None of the work reported involved research on human participants or animals. All authors have contributed to this work and agreed to its publication.

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- Chen YP, Valles SM, Firth A, de Miranda J, Ryabov E, Schroeder D, Echeverría MG, Zheng HQ, Jan E, Parry R. (2022) Rename all species in the family to comply the ICTV-mandated binomial format (*Picornavirales: Dicistroviridae*) [https://ictv.global/ictv/proposals/2022.003S.Dicistroviridae\\_rename.zip](https://ictv.global/ictv/proposals/2022.003S.Dicistroviridae_rename.zip)
- Chen YP, Valles SM, Firth A, de Miranda J, Ryabov E, Schroeder D, Echeverría MG, Zheng HQ, Jan E, Parry R. (2022) Rename

- all species in the family to comply the ICTV-mandated binomial format (*Picornavirales: Iflaviridae*) [https://ictv.global/ictv/proposals/2022.004S.Iflaviridae\\_rename.zip](https://ictv.global/ictv/proposals/2022.004S.Iflaviridae_rename.zip)
6. Walker PJ, Huang J, Ziebuhr J, Moody N, X Dong (2022) Rename three species in the genus *Okavirus* (*Nidovirales: Roniviridae*) [https://ictv.global/ictv/proposals/2022.005S.Roniviridae\\_rename.zip](https://ictv.global/ictv/proposals/2022.005S.Roniviridae_rename.zip)
  7. Valles, SM (2022) Create a new species in the genus *Cripavirus* (*Dicistroviridae*) [https://ictv.global/ictv/proposals/2022.006S.Cripavirus\\_Insp.zip](https://ictv.global/ictv/proposals/2022.006S.Cripavirus_Insp.zip)
  8. Postler TS, Kuhn JH (2022) Rename one genus and all species in the family to comply with the ICTV-mandated binomial format (*Amarillovirales: Flaviviridae*) [https://ictv.global/ictv/proposals/2022.007S.Flaviviridae\\_1genren\\_sprenamed.zip](https://ictv.global/ictv/proposals/2022.007S.Flaviviridae_1genren_sprenamed.zip)
  9. Benkő M, Brandt CR, Bryant NA, Dastjerdi A, Davison AJ, Depledge DP, Dospoly A, Gatherer D, Gompels UA, Hartley CA, Inoue N, Jarosinski KW, Kaul R, Lacoste V, Norberg P, Origgi FC, Orton RJ, Pellett PE, Schmid DS, Spatz SJ, Stewart JP, Szpara ML, Trimpert J, Vaz P, Waltzek TB (2022) Abolish 6 species and rename 1 family, 4 genera and 124 species in the order *Herpesvirales* [https://ictv.global/ictv/proposals/2022.001D.Herpesvirales\\_1renfam\\_4rengen\\_124rensp\\_6absp.zip](https://ictv.global/ictv/proposals/2022.001D.Herpesvirales_1renfam_4rengen_124rensp_6absp.zip)
  10. Benkő M, Brandt CR, Bryant NA, Dastjerdi A, Davison AJ, Depledge DP, Dospoly A, Gatherer D, Gompels UA, Hartley CA, Inoue N, Jarosinski KW, Kaul R, Lacoste V, Norberg P, Origgi FC, Orton RJ, Pellett PE, Schmid DS, Spatz SJ, Stewart JP, Szpara ML, Trimpert J, Vaz P, Waltzek TB (2022) Create 9 new species in the family *Orthoherpesviridae* (*Herpesvirales*) [https://ictv.global/ictv/proposals/2022.002D.Herpesvirales\\_9nsp.zip](https://ictv.global/ictv/proposals/2022.002D.Herpesvirales_9nsp.zip)
  11. van Oers MM, Harrison RL, Abd Allah AMM (2022) Binominal naming system for virus species in the order *Lefavirales* (Families *Baculoviridae*, *Nudiviridae* and *Hytrosaviridae*) [https://ictv.global/ictv/proposals/2022.003D.Lefavirales\\_106rensp.zip](https://ictv.global/ictv/proposals/2022.003D.Lefavirales_106rensp.zip)
  12. van Oers MM, Abd-Alla AMM, Bateman KS, Harrison RL, Herniou EA, Hu Z, Jehle JA, Krell PJ, Ribeiro BM (2022) Create five new species in genus *Alphabaculovirus* and one new species in genus *Gammabaculovirus* (*Lefavirales: Baculoviridae*) [https://ictv.global/ictv/proposals/2022.004D.Baculoviridae\\_6nsp.zip](https://ictv.global/ictv/proposals/2022.004D.Baculoviridae_6nsp.zip)
  13. Penzes JJ, Canuti M, Söderlund-Venermo M, François S, Eis-Hübinger AM (2022) *Parvoviridae*: introduction of the binomial nomenclature, establishment of two new genera and the classification eligibility of parvoviruses derived from ambiguous host origin [https://ictv.global/ictv/proposals/2022.005D.Parvoviridae\\_2ngen\\_49nsp\\_125rensp.zip](https://ictv.global/ictv/proposals/2022.005D.Parvoviridae_2ngen_49nsp_125rensp.zip)
  14. Duarte MA, Silva JMF, Brito CR, Teixeira DS, Melo FL, Ribeiro BM, Nagata T, Campos FS (2022) Create one new species in the genus *Chaphamaparvovirus*, and one new species in the genus *Dependoparvovirus*, in the family *Parvoviridae* [https://ictv.global/ictv/proposals/2022.006D.Parvoviridae\\_2nsp.zip](https://ictv.global/ictv/proposals/2022.006D.Parvoviridae_2nsp.zip)
  15. Nakai M, Asgari S, Bideshi D, Bigot Y, Cheng X-W, Federici BA, Huang G-H (2022) Rename three species in the genus *Ascovirus* and one species in the genus *Tourvirus* (*Pimascovirales: Ascoviridae*) [https://ictv.global/ictv/proposals/2022.007D.Ascoviridae\\_4rensp.zip](https://ictv.global/ictv/proposals/2022.007D.Ascoviridae_4rensp.zip)
  16. Varsani A, Kraberger S, Opriessnig T, Maggi F, Celer V, Okamoto H, Biagini P (2022) Rename 146 species in the family *Anelloviridae* [https://ictv.global/ictv/proposals/2022.008D.Anelloviridae\\_146rensp.zip](https://ictv.global/ictv/proposals/2022.008D.Anelloviridae_146rensp.zip)
  17. Varsani A, Harrach B, Roumagnac P, Benkő M, Breitbart M, Delwart E, Franzo G, Kazlauskas D, Rosario K, Segalés J, Krupovic M (2022) Establishing 48 new species and renaming 101 species in the family *Circoviridae* [https://ictv.global/ictv/proposals/2022.009D.Circoviridae\\_rensp101\\_nsp48.zip](https://ictv.global/ictv/proposals/2022.009D.Circoviridae_rensp101_nsp48.zip)
  18. Postler TS, Di Serio F, Briese T, Groschup MH, Jonson G, Neriya Y, Palacios G, Sasaya T, Song J-W, Tomitaka Y, Kuhn JH (2021) Rename all species in the family to conform with ICTV-mandated binomial format (*Bunyavirales: Phenuiviridae*) [https://ictv.global/ictv/proposals/2021.002M.Phenuiviridae\\_sprenamed.zip](https://ictv.global/ictv/proposals/2021.002M.Phenuiviridae_sprenamed.zip)
  19. Postler TS, Buchmeier MJ, Charrel RN, Clegg JCS, de la Torre JC, de Lamballerie X, Gonzalez J-PJ, Günther S, Hepojoki J, Lukashevich IS, Radoshitzky SR, Romanowski V, Salvato MS, Sironi M, Stenglein MD, Kuhn JH (2021) Rename all species in the family to comply with the ICTV-mandated binomial format (*Bunyavirales: Arenaviridae*) [https://ictv.global/ictv/proposals/2021.008M.Arenaviridae\\_rename.zip](https://ictv.global/ictv/proposals/2021.008M.Arenaviridae_rename.zip)
  20. Postler TS, Biedenkopf N, Bukreyev A, Chandran K, Di Paola N, Formenty PBH, Griffiths A, Hume A, Mühlberger E, Netesov SV, Palacios G, Pawęska JT, Smither S, Takada A, Wahl V, Kuhn JH (2021) Rename all species in the family to comply with the ICTV-mandated binomial format (*Mononegavirales: Filoviridae*) [https://ictv.global/ictv/proposals/2021.012M.Filoviridae\\_sprenamed.zip](https://ictv.global/ictv/proposals/2021.012M.Filoviridae_sprenamed.zip)
  21. Postler TS, Bradfute SB, Calisher CH, Klingström J, Laenen L, Maes P, Kuhn JH (2021) Rename all species in the family to comply with the ICTV-mandated binomial format (*Bunyavirales: Hantaviridae*) [https://ictv.global/ictv/proposals/2021.013M.Hantaviridae\\_sprename.zip](https://ictv.global/ictv/proposals/2021.013M.Hantaviridae_sprename.zip)
  22. Di Paola N, Dheilly NM, Kuhn JH, Junglen S, Paraskevopoulou S, Postler TS, Shi M (2021) Create ten new species and two new genera in the families *Aliusviridae* and *Chuviridae* (*Jingchuvirales*) [https://ictv.global/ictv/proposals/2021.015M.Jingchuvirales\\_2ngen\\_10nsp.zip](https://ictv.global/ictv/proposals/2021.015M.Jingchuvirales_2ngen_10nsp.zip)
  23. Postler TS, Alkhovsky SV, Avšič-Županc T, Bergeron É, Burt F, Ergünay K, Garrison AR, Marklewitz M, Mirazimi A, Palacios G, Papa A, Pawęska JT, Spengler JR, Kuhn JH (2021) Rename all species in the family to comply with the ICTV-mandated binomial format (*Bunyavirales: Nairoviridae*) [https://ictv.global/ictv/proposals/2021.017M.Nairoviridae\\_sprenamed.zip](https://ictv.global/ictv/proposals/2021.017M.Nairoviridae_sprenamed.zip)
  24. Postler TS, Balkema-Buschmann A, Drexler JF, Duprex PW, Plemper RK, Vanmechelen B, Kuhn JH, Maes P (2021) Rename all species in the family to comply with the ICTV-mandated binomial format (*Mononegavirales: Paramyxoviridae*) [https://ictv.global/ictv/proposals/2021.026M.Paramyxoviridae\\_sprename.zip](https://ictv.global/ictv/proposals/2021.026M.Paramyxoviridae_sprename.zip)
  25. Postler TS, Hughes HR, Alkhovsky SV, Beer M, Blair CD, Calisher CH, Lambert AJ, de Souza WM, Marklewitz M, Kuhn JH (2021) Renaming all species of *Peribunyaviridae* to fit the newly ICTV-mandated binomial species name format [https://ictv.global/ictv/proposals/2021.028M.Peribunyaviridae\\_sprename.zip](https://ictv.global/ictv/proposals/2021.028M.Peribunyaviridae_sprename.zip)
  26. Postler TS, Ballinger MJ, Junglen SJ, Kuhn JH, Pauvolid-Corrêa A (2021) Rename all species in the family to comply with the ICTV-mandated binomial format (*Bunyavirales: Phasmaviridae*) [https://ictv.global/ictv/proposals/2021.031M.Phasmaviridae\\_sprename.zip](https://ictv.global/ictv/proposals/2021.031M.Phasmaviridae_sprename.zip)
  27. Postler TS, Brown PA, Buchholz UJ, de Swart, RL, Drexler JF, Duprex PW, Easton AJ, Li J, Spann KM, Thornburg NJ, van den Hoogen B, Williams JV, Kuhn JH (2021) Rename all species in the family to comply with the ICTV-mandated binomial format (*Mononegavirales: Pneumoviridae*) [https://ictv.global/ictv/proposals/2021.033M.Pneumoviridae\\_sprename.zip](https://ictv.global/ictv/proposals/2021.033M.Pneumoviridae_sprename.zip)
  28. Bejerman N, Debat H, Dietzgen RG, Kondo H, Ramos-González P, Whitfield AE, Walker PJ, Freitas-Astúa J (2022) Create two new species in the genus *Alphanucleorhabdovirus*, and four new species in the genus *Betanucleorhabdovirus*, subfamily *Betarhabdovirinae* (*Mononegavirales: Rhabdoviridae*) <https://ictv.global/>

- [ictp/proposals/2022.001M.Alpha\\_and\\_betanucleorhabdovirus\\_6nsp.zip](https://ictp.global/ictv/proposals/2022.001M.Alpha_and_betanucleorhabdovirus_6nsp.zip)
29. Walker PJ, Freitas-Astúa J, Bejerman N, Dietzgen RG, Fooks A, Kondo H, Kurath G, Ramos-González PL, Tesh RB, Tordo N, Vasilakis N, Whitfield AE (2022) Create one new genus (*Thriphavirus*) and 14 new species in the subfamily *Alpharhabdovirinae* (*Mononegavirales: Rhabdoviridae*) [https://ictp.global/ictv/proposals/2022.002M.Alpharhabdovirinae\\_IngenI4nsp.zip](https://ictp.global/ictv/proposals/2022.002M.Alpharhabdovirinae_IngenI4nsp.zip)
  30. Chen Y-M, Sadiq S, Holmes EC, Zhang Y-Z (2022) Create one new genus including one new species in the family *Arenaviridae* [https://ictp.global/ictv/proposals/2022.003M.Arenaviridae\\_Ingen\\_Insp.zip](https://ictp.global/ictv/proposals/2022.003M.Arenaviridae_Ingen_Insp.zip)
  31. Postler TS, Kuhn JH (2022) Rename all species in the family to comply with the ICTV-mandated binomial format (*Birnaviridae*) [https://ictp.global/ictv/proposals/2022.004M.Birnaviridae\\_sprenamed.zip](https://ictp.global/ictv/proposals/2022.004M.Birnaviridae_sprenamed.zip)
  32. Cao M, Zhang S, Tian X, Navarro B, Di Serio F (2022) Create two new species in genus *Coguvirus* (*Bunyavirales: Phenuiviridae*) [https://ictp.global/ictv/proposals/2022.005M.Coguvirus\\_2nsp.zip](https://ictp.global/ictv/proposals/2022.005M.Coguvirus_2nsp.zip)
  33. Di Serio F, Xylogianni E, Navarro B (2022) Create two new species in the genus *Coguvirus*, family *Phenuiviridae*, order *Bunyavirales* [https://ictp.global/ictv/proposals/2022.006M.Coguvirus\\_2nsp2.zip](https://ictp.global/ictv/proposals/2022.006M.Coguvirus_2nsp2.zip)
  34. Bejerman N, Debat H, Dietzgen RG, Kondo H, Ramos-González P, Whitfield AE, Walker PJ, Freitas-Astúa J (2022) Create ten new species in the genus *Cytorhabdovirus*, subfamily *Betarhabdovirinae* (*Mononegavirales: Rhabdoviridae*) [https://ictp.global/ictv/proposals/2022.007M.Cytorhabdovirus\\_10nsp.zip](https://ictp.global/ictv/proposals/2022.007M.Cytorhabdovirus_10nsp.zip)
  35. Walker PJ, Tu C, Gong W (2022) Create two new species in the genus *Ephemerovirus* (*Mononegavirales: Rhabdoviridae*) [https://ictp.global/ictv/proposals/2022.008M.Ephemerovirus\\_2nsp.zip](https://ictp.global/ictv/proposals/2022.008M.Ephemerovirus_2nsp.zip)
  36. Biedenkopf N, Bukreyev A, Chandran K, Di Paola N, Formenty PBH, Griffiths A, Hume A, Kuhn JH, Mühlberger E, Netesov SV, Palacios G, Pawęska JT, Smither S, Takada A, Wahl V (2022) Rename two genera (*Mononegavirales: Filoviridae*) [https://ictp.global/ictv/proposals/2022.009M.Filoviridae\\_2genrenamed.zip](https://ictp.global/ictv/proposals/2022.009M.Filoviridae_2genrenamed.zip)
  37. Kuhn JH, Koonin E, Wolf Y, Rodrigues TCS, Waltzek TB (2022) New free-floating negarnaviricot family, genus, and species [https://ictp.global/ictv/proposals/2022.010M.Fraservirus\\_Infam\\_Ingen\\_Insp.zip](https://ictp.global/ictv/proposals/2022.010M.Fraservirus_Infam_Ingen_Insp.zip)
  38. Hepojoki J (2022) Create two new species in the genus *Hartmanivirus* (*Arenaviridae*) [https://ictp.global/ictv/proposals/2022.011M.Hartmanivirus\\_2nsp.zip](https://ictp.global/ictv/proposals/2022.011M.Hartmanivirus_2nsp.zip)
  39. Paraskevopoulou S, Ye G, Li J-M (2022) Create 7 new genera, create 11 new species (*Mononegavirales: Lispiviridae*) [https://ictp.global/ictv/proposals/2022.012M.Lispiviridae\\_7ngen\\_11nsp.zip](https://ictp.global/ictv/proposals/2022.012M.Lispiviridae_7ngen_11nsp.zip)
  40. Goüy de Bellocq J (2022) One new species in the genus *Mammarenavirus* (*Arenaviridae*) [https://ictp.global/ictv/proposals/2022.013M.Mammarenavirus\\_Insp.zip](https://ictp.global/ictv/proposals/2022.013M.Mammarenavirus_Insp.zip)
  41. Jiang D, Ayllón MA, Marzano S-Y, Kondo H, Turina M (2022) Establishment of thirteen new species in genera *Auricularimonavirus*, *Hubranonavirus*, *Lentimonavirus*, *Penicilliumonavirus*, *Plasmopamonavirus* and *Sclerotimonavirus* in family *Mymonaviridae* (*Mononegavirales*) [https://ictp.global/ictv/proposals/2022.014M.Mymonaviridae\\_13nsp.zip](https://ictp.global/ictv/proposals/2022.014M.Mymonaviridae_13nsp.zip)
  42. Alkhovsky SV, Avšič-Županc T, Bergeron É, Burt F, Ergünay K, Garrison AR, Kuhn JH, Marklewitz M, Mirazimi A, Papa A, Pawęska JT, Spengler JR, Palacios G (2022) Four new species in family *Nairoviridae* (*Bunyavirales*) [https://ictp.global/ictv/proposals/2022.015M.Nairoviridae\\_4nsp.zip](https://ictp.global/ictv/proposals/2022.015M.Nairoviridae_4nsp.zip)
  43. Dietzgen RG, Kuhn JH, Vasilakis N, Firth AE, Paraskevopoulou S (2022) Create one new species in genus *Formivirus* and one new species in genus *Orinivirus* (*Mononegavirales: Nyamiviridae*) [https://ictp.global/ictv/proposals/2022.016M.Nyamiviridae\\_2nsp.zip](https://ictp.global/ictv/proposals/2022.016M.Nyamiviridae_2nsp.zip)
  44. Zhao L, Liu R, Zhang G, Yuan Z, Xia H (2022) Create a new species in genus *Orthobunyavirus* (*Bunyavirales: Peribunyaviridae*) [https://ictp.global/ictv/proposals/2022.017M.Orthobunyavirus\\_Insp.zip](https://ictp.global/ictv/proposals/2022.017M.Orthobunyavirus_Insp.zip)
  45. Hughes HR, Alkhovsky S, Beer M, Blair CD, Calisher CH, Debot M, de Souza WM, Marklewitz M, Postler TS, Kuhn JH, Lambert AJ (2022) Create 29 new species and abolish 4 species in the genus *Orthobunyavirus* (*Peribunyaviridae*) [https://ictp.global/ictv/proposals/2022.018M.Orthobunyavirus\\_29nsp\\_abolish4sp.zip](https://ictp.global/ictv/proposals/2022.018M.Orthobunyavirus_29nsp_abolish4sp.zip)
  46. Ballinger MJ, Pauvolid-Corrêa A, Junglen S (2022) Create two new species in the genus *Orthophasmavirus* and one new species in the genus *Feravirus* (*Phasmaviridae*) [https://ictp.global/ictv/proposals/2022.019M.Phasmaviridae\\_3nsp.zip](https://ictp.global/ictv/proposals/2022.019M.Phasmaviridae_3nsp.zip)
  47. Briese T, Di Serio F, Groschup MH, Jonson GB, Neriya Y, Sasaya T, Song J-W, Tomitaka Y, Kuhn JH, Palacios G (2022) Two new genera, 10 new species, and 1 moved and renamed species in family *Phenuiviridae* (*Bunyavirales*) [https://ictp.global/ictv/proposals/2022.020M.Phenuiviridae\\_2ngen\\_10nsp\\_1rensp.zip](https://ictp.global/ictv/proposals/2022.020M.Phenuiviridae_2ngen_10nsp_1rensp.zip)
  48. Bejerman N, Debat H, Dietzgen RG, Kondo H, Ramos-González P, Whitfield AE, Walker PJ, Freitas-Astúa J (2022) Create nine new species in the genus *Varicosavirus*, subfamily *Betarhabdovirinae* (*Mononegavirales: Rhabdoviridae*) [https://ictp.global/ictv/proposals/2022.021M.Varicosavirus\\_9nsp.zip](https://ictp.global/ictv/proposals/2022.021M.Varicosavirus_9nsp.zip)
  49. Walker PJ, Freitas-Astúa J, Bejerman N, Dietzgen RG, Kondo H, Kurath G, Ramos-González PL, Tesh RB, Tordo N, Vasilakis N, Whitfield AE (2022) Create two new species in the genus *Vesiculovirus* (*Mononegavirales: Rhabdoviridae*) [https://ictp.global/ictv/proposals/2022.022M.Vesiculovirus\\_2nsp.zip](https://ictp.global/ictv/proposals/2022.022M.Vesiculovirus_2nsp.zip)
  50. Rafael Laso-Pérez, Fabai Wu, Antoine Crémère, Daan R. Speth, John S. Magyar, Mart Krupovic, Victoria J. Orphan (2022) Create three new orders and 5 new families of viruses associated with methanotrophic archaea [https://ictp.global/ictv/proposals/2022.001A.Nakonvirales\\_Maximonvirales\\_Coyopavirales\\_3no.zip](https://ictp.global/ictv/proposals/2022.001A.Nakonvirales_Maximonvirales_Coyopavirales_3no.zip)
  51. Medvedeva S, Sun J, Yutin N, Koonin EV (2022) Create one new order, *Atroposvirales*, and two new families, *Verdandiviridae*, and *Skuldviridae*, for classification of viruses of *Asgardarchaeota* [https://ictp.global/ictv/proposals/2022.002A.Verdandiviridae\\_nf\\_Atropovirales\\_no.zip](https://ictp.global/ictv/proposals/2022.002A.Verdandiviridae_nf_Atropovirales_no.zip)
  52. Zhou Y, Krupovic M, Wang Y (2022) Create two new orders, *Juravirales* and *Magrovirales*, including two and one new families of marine archaeal viruses, respectively [https://ictp.global/ictv/proposals/2022.003A.Caudoviricetes\\_2no\\_3nf.zip](https://ictp.global/ictv/proposals/2022.003A.Caudoviricetes_2no_3nf.zip)
  53. Krupovic M, Geslin C, Schmitz RA, Bize A (2022) Create 3 new families for classification of viruses infecting methanogenic archaea [https://ictp.global/ictv/proposals/2022.004A.Caudoviricetes\\_3nf.zip](https://ictp.global/ictv/proposals/2022.004A.Caudoviricetes_3nf.zip)
  54. Kropinski AM, Turner D, Tolstoy I, Moraru C, Adriaenssens EM, Mahony J (2022) Create one new family (*Aliceevansviridae*) with one new genus (*Vansinderenvirus*) and two existing genera (*Moineavirus* and *Brussowvirus*) (*Caudoviricetes*). <https://ictp.global/ictv/proposals/2022.001B.Aliceevansviridae.zip>
  55. Laanto E, Mäntynen S, Sundberg L-R, Poranen MM, Oksanen HM (2022) Create a new class *Ainoaviricetes* and a new order *Lautamovirales* in the phylum *Preplasmiviricota* (Realm *Varidnaviria*, kingdom *Bamfordvirae*), for single-stranded DNA viruses encoding vertical double jelly roll major capsid proteins [https://ictp.global/ictv/proposals/2022.002B.Ainoaviricetes\\_Finnlakeviridae\\_nc.zip](https://ictp.global/ictv/proposals/2022.002B.Ainoaviricetes_Finnlakeviridae_nc.zip)
  56. Turner D, Tolstoy I, Kropinski AM (2022) To abolish the genus *Haartmanvirus*, and transfer its single species to the genus

- Epspeptimavirus* (*Caudoviricetes*: *Demerecviridae*). [https://ictv.global/ictv/proposals/2022.003B.Abolish\\_Haartmanvirus.zip](https://ictv.global/ictv/proposals/2022.003B.Abolish_Haartmanvirus.zip)
57. Tolstoy I, Turner D, Moraru C, Kropinski AM (2022) Create ten new species in the genus *Alexandravirus* (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.004B.Alexandravirus\\_10nsp.zip](https://ictv.global/ictv/proposals/2022.004B.Alexandravirus_10nsp.zip)
  58. Barylski J, Turner D, Moraru C, Kropinski AM (2022) Create two subfamilies (*Andregratiavirinae* and *Joanriponvirinae*) and seven new genera (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.005B.Andregratiavirinae\\_Joanriponvirinae\\_nsf.zip](https://ictv.global/ictv/proposals/2022.005B.Andregratiavirinae_Joanriponvirinae_nsf.zip)
  59. Lood C, Lavigne R, Turner D, Moraru C, Adriaenssens EM, Kropinski AM, Drulis-Kawa Z (2022) Create a new family (*Arenbergviridae*) and a new genus (*Wroclawvirus*) with a single species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.006B.Arenbergviridae\\_nf.zip](https://ictv.global/ictv/proposals/2022.006B.Arenbergviridae_nf.zip)
  60. Kurtböke I, Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Arvduovirus*) with a single species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.007B.Arvduovirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.007B.Arvduovirus_ng.zip)
  61. Imklin N, Nasanit R (2022) Create one new species in the genus *Berlinvirus* (*Autographiviridae*) and one new species in the genus *Epspeptimavirus* (*Demerecviridae*) (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.008B.Autographiviridae\\_2nsp.zip](https://ictv.global/ictv/proposals/2022.008B.Autographiviridae_2nsp.zip)
  62. McCutcheon JG, Lin A, Dennis JJ (2022) Create a new genus (*Axeltrivirus*) containing one species in the class *Caudoviricetes* [https://ictv.global/ictv/proposals/2022.009B.Axeltrivirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.009B.Axeltrivirus_ng.zip)
  63. Kurtböke I, Turner D, Moraru C, Adriaenssens EM, Kropinski AM (2022) Create a new subfamily (*Azeevirinae*) with four genera (*Liebevirus*, *Yangvirus*, *Manhattanvirus* and *Galvestonvirus*) (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.010B.Azeevirinae\\_nsf.zip](https://ictv.global/ictv/proposals/2022.010B.Azeevirinae_nsf.zip)
  64. Kurtböke I, Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Baileybluvirus*) with a single species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.011B.Baileybluevirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.011B.Baileybluevirus_ng.zip)
  65. Tong Y, Turner D, Moraru C, Adriaenssens EM, Kropinski AM (2022) Create a new subfamily (*Beaumontvirinae*) containing three genera (*Bixivirus*, *Salvavirus* and *Siaravirus*) (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.012B.Beaumontvirinae\\_nsf.zip](https://ictv.global/ictv/proposals/2022.012B.Beaumontvirinae_nsf.zip)
  66. Dong Y, Liang Y, Wang M (2022) Create one new genus (*Bocovirus*) including one new species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.013B.Bocovirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.013B.Bocovirus_ng.zip)
  67. Millard A, Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Branisovskavirus*) with a single species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.014B.Branisovskavirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.014B.Branisovskavirus_ng.zip)
  68. Kurtböke I, Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Cantarevirus*) with a single species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.015B.Cantarevirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.015B.Cantarevirus_ng.zip)
  69. Hynes A, Turner D, Kropinski AM, Lang A (2022) Create a new genus (*Capnelvirus*) with a single species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.016B.Capnelvirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.016B.Capnelvirus_ng.zip)
  70. Britton AP, Visser KA, Zhang P, Wassink H, Doerksen TA, Ongenae V, Manocha C, Lynch KH, van Belkum MJ, Dennis JJ, Yang X, Claessen D, Briegel A, Martin-Visscher LA (2022) Create a new genus (*Carnodivirus*) containing two new species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.017B.Carnodivirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.017B.Carnodivirus_ng.zip)
  71. Sousa JC, Sillankorva S, Faustino A, Carvalho CM (2022) Create a new genus in the *Caudoviricetes* class containing *Klebsiella* phage vB\_KpnS-Carvaje [https://ictv.global/ictv/proposals/2022.018B.Carvajevirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.018B.Carvajevirus_ng.zip)
  72. Tolstoy I, Turner D, Moraru C, Kropinski AM (2022) Add sixteen (16) species to the genus *Casadabanvirus* (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.019B.Casadabanvirus\\_16nsp.zip](https://ictv.global/ictv/proposals/2022.019B.Casadabanvirus_16nsp.zip)
  73. Imklin N, Sriprasong P, Nasanit R (2022) Create one new species in the genus *Teeterevirus* (*Autographiviridae*) and one new species in the genus *Felixounavirus* (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.020B.Caudoviricetes\\_2nsp.zip](https://ictv.global/ictv/proposals/2022.020B.Caudoviricetes_2nsp.zip)
  74. Grami E, Saidi N (2022) Create one new genus (*Certevirus*) including one new species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.021B.Certevirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.021B.Certevirus_ng.zip)
  75. Li J-Q (2022) Create a new genus (*Chaoshanvirus*) including a new species (*Chaoshanvirus* ZPAH34) (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.022B.Chaoshanvirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.022B.Chaoshanvirus_ng.zip)
  76. Kurtböke I, Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Chidieberevirus*) with two new species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.023B.Chidieberevirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.023B.Chidieberevirus_ng.zip)
  77. Kurtböke I, Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Clawzvirus*) with a single species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.024B.Clawzvirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.024B.Clawzvirus_ng.zip)
  78. Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Cobrasixvirus*) with a single species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.025B.Cobrasixvirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.025B.Cobrasixvirus_ng.zip)
  79. Łobocka M, Stefańczyk E, Adriaenssens EM, Kropinski AM, Turner D (2022) Create one new species in the genus *Copernicivirus*, subfamily *Sarlesvirinae* (*Caudoviricetes*: *Rountreeviridae*) [https://ictv.global/ictv/proposals/2022.026B.Copernicivirus\\_1nsp.zip](https://ictv.global/ictv/proposals/2022.026B.Copernicivirus_1nsp.zip)
  80. Turner D, Kropinski AM (2022) Create a new genus (*Craquatrovirus*) with two species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.027B.Craquatrovirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.027B.Craquatrovirus_ng.zip)
  81. Turner D, Moraru C, Tolstoy I, Adriaenssens EM, Kropinski AM (2022) Create a new subfamily of *Gordonia* phages (*Deeyouvirinae*) with two genera (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.028B.Deeyouvirinae\\_nsf.zip](https://ictv.global/ictv/proposals/2022.028B.Deeyouvirinae_nsf.zip)
  82. Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Eowynvirus*) with species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.029B.Eowynvirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.029B.Eowynvirus_ng.zip)
  83. Adriaenssens EM, Turner D (2022) Error correction (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.030B.Error\\_correction.zip](https://ictv.global/ictv/proposals/2022.030B.Error_correction.zip)
  84. Millard A, Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Ferozepurvirus*) with two species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.031B.Ferozepurvirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.031B.Ferozepurvirus_ng.zip)
  85. Kurtböke I, Turner D, Moraru C, Kropinski AM (2022) Create five new genera of *Gordonia* siphophages (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.032B.Caudoviricetes\\_5ng.zip](https://ictv.global/ictv/proposals/2022.032B.Caudoviricetes_5ng.zip)
  86. Turner D, Guarneros G, Moraru C, Adriaenssens EM, Kropinski AM (2022) Create a new family (*Fredfastierviridae*) with a single genus (*Jamesmcgillvirus*) (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.033B.Fredfastierviridae\\_nf.zip](https://ictv.global/ictv/proposals/2022.033B.Fredfastierviridae_nf.zip)
  87. Moraru C, Tong Y, Mahadevan P, Adriaenssens EM, Kropinski AM, Turner D (2022) Create a new subfamily (*Gordonclarkvirinae*) with three genera (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.034B.Gordonclarkvirinae\\_nsf.zip](https://ictv.global/ictv/proposals/2022.034B.Gordonclarkvirinae_nsf.zip)
  88. Moraru C, Tong Y, Tian F, Mahadevan P, Adriaenssens EM, Kropinski AM, Turner D (2022) Create a new family (*Grimontviridae*) with five genera (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.035B.Grimontviridae\\_nf.zip](https://ictv.global/ictv/proposals/2022.035B.Grimontviridae_nf.zip)
  89. Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Hiroshimavirus*) with a single species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.036B.Hiroshimavirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.036B.Hiroshimavirus_ng.zip)
  90. Li J-Q (2022) Create a new genus (*Hzauvirus*) in the family *Guelinviridae* including a new species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.037B.Hzauvirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.037B.Hzauvirus_ng.zip)

91. Turner D, Kropinski AM (2022) Create a new genus (*Iggyvirus*) with a two species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.038B.Iggyvirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.038B.Iggyvirus_ng.zip)
92. Turner D, Moraru C, Adriaenssens EM, Kropinski AM (2022) Create a new subfamily (*Iiscvirinae*), with one existing genus (*Jilinvirus*) and one new genus (*Aryavirus*) (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.039B.Iiscvirinae\\_nsf.zip](https://ictv.global/ictv/proposals/2022.039B.Iiscvirinae_nsf.zip)
93. Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Ittyvirus*) with a single species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.040B.Ittyvirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.040B.Ittyvirus_ng.zip)
94. Ongena V, Rozen DE, Briegel A, Claessen D, Kropinski AM. (2022) Create one new species in the genus *Janusvirus* (*Caudoviricetes: Arquatrovirinae*) [https://ictv.global/ictv/proposals/2022.041B.Janusvirus\\_1nsp.zip](https://ictv.global/ictv/proposals/2022.041B.Janusvirus_1nsp.zip)
95. Millard A, Turner D, Moraru C, Adriaenssens EM, Kropinski AM (2022) Create a new family (*Kleczkowskaviridae*) with a single genus (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.042B.Kleczkowskaviridae\\_nf.zip](https://ictv.global/ictv/proposals/2022.042B.Kleczkowskaviridae_nf.zip)
96. Millard A, Puxty R, Nicholas M. (2022) Creation of seven new genera within the family *Kyanoviridae* (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.043B.Kyanoviridae\\_7ng.zip](https://ictv.global/ictv/proposals/2022.043B.Kyanoviridae_7ng.zip)
97. Millard A, Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Ludhianavirus*) with three species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.044B.Ludhianavirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.044B.Ludhianavirus_ng.zip)
98. Tolstoy I, Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Maaswegvirus*) with a single species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.045B.Maaswegvirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.045B.Maaswegvirus_ng.zip)
99. Turner D, Moraru C, Kropinski AM (2022) Create two new genera of *Burkholderia* phages (*Magiavirus* and *Bigmanorsvirus*) (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.046B.Caudoviricetes\\_2ng.zip](https://ictv.global/ictv/proposals/2022.046B.Caudoviricetes_2ng.zip)
100. Wang Z, Liang Y, Wang M (2022) Create one new genus (*Mareflavirus*) including one new species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.047B.Mareflavirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.047B.Mareflavirus_ng.zip)
101. Millard A, Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Meadowvirus*) with a single species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.048B.Meadowvirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.048B.Meadowvirus_ng.zip)
102. Vázquez-Campos X, Damjanović D (2022) Create one new species in the genus *Menderavirus* (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.049B.Menderavirus\\_1nsp.zip](https://ictv.global/ictv/proposals/2022.049B.Menderavirus_1nsp.zip)
103. Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Miamivirus*) with a single species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.050B.Miamivirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.050B.Miamivirus_ng.zip)
104. Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Midgardsormrvirus*) with a single species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.051B.Midgardsormrvirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.051B.Midgardsormrvirus_ng.zip)
105. Seed K, Tolstoy I, Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Mohonavirus*) with a single species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.052B.Mohonavirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.052B.Mohonavirus_ng.zip)
106. Kurtböke I, Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Mollymurvirus*) with a single species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.053B.Mollymurvirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.053B.Mollymurvirus_ng.zip)
107. Kurtböke I, Turner D, Moraru C, Kropinski AM (2022) Create ten new species in the genus *Mudcatvirus* and rename two species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.054B.Mudcatvirus\\_10nsp.zip](https://ictv.global/ictv/proposals/2022.054B.Mudcatvirus_10nsp.zip)
108. Li J-Q (2022) Create a new genus (*Nanhuvirus*) in the family *Straboviridae* including a new species *Nanhuvirus LPCS28* (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.055B.Nanhuvirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.055B.Nanhuvirus_ng.zip)
109. Millard A, Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Nimduovirus*) with a single species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.056B.Nimduovirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.056B.Nimduovirus_ng.zip)
110. Kurtböke I, Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Northamptonvirus*) with two new species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.057B.Northamptonvirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.057B.Northamptonvirus_ng.zip)
111. Hammerl J-A, Turner D, Moraru C, Kropinski AM (2022) Create three new genera of *Ochrobactrum* phages each with a single species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.058B.Caudoviricetes\\_3ng.zip](https://ictv.global/ictv/proposals/2022.058B.Caudoviricetes_3ng.zip)
112. Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Paclarkvirus*) with twelve species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.060B.Paclarkvirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.060B.Paclarkvirus_ng.zip)
113. Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Pavtokvirus*) with two species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.061B.Pavtokvirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.061B.Pavtokvirus_ng.zip)
114. Lueder MR, Van Zyl LJ, Adriaenssens EM (2022) Create 6 new genera and 19 new species to the family *Peduviridae* (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.062B.Peduviridae\\_6ng\\_19nsp.zip](https://ictv.global/ictv/proposals/2022.062B.Peduviridae_6ng_19nsp.zip)
115. Mahony J, Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Piorkowskivirus*) with seven species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.063B.Piorkowskivirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.063B.Piorkowskivirus_ng.zip)
116. Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Ponsvirus*) with seven species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.064B.Ponsvirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.064B.Ponsvirus_ng.zip)
117. Mazur A, Millard A, Turner D, Moraru C, Adriaenssens EM, Kropinski AM, Gonzalez V (2022) Create a new family (*Pootjesviridae*) with one subfamily and five genera (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.065B.Pootjesviridae\\_nf.zip](https://ictv.global/ictv/proposals/2022.065B.Pootjesviridae_nf.zip)
118. Millard A, Łobocka M, Tolstoy I, Turner D, Moraru C, Kropinski AM (2022) Create five new genera of *Pseudomonas* jumbo phages (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.066B.Caudoviricetes\\_6ng.zip](https://ictv.global/ictv/proposals/2022.066B.Caudoviricetes_6ng.zip)
119. Vidigal PMP, Hungaro HM, Gontijo MTP, Lopez MES (2022) Create a new genus (*Purivirus*) with a single species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.067B.Purivirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.067B.Purivirus_ng.zip)
120. Łobocka M, Stefańczyk E, Adriaenssens EM, Kropinski AM, Turner D (2022) Create one new species in the genus *Rosenblumvirus* and two new species in the genus *Andhravirinae* of *Rakietenvirinae* subfamily (*Caudoviricetes: Rountreeviridae*) [https://ictv.global/ictv/proposals/2022.068B.Rakietenvirinae\\_3nsp.zip](https://ictv.global/ictv/proposals/2022.068B.Rakietenvirinae_3nsp.zip)
121. Kurtböke I, Turner D, Moraru C, Adriaenssens EM, Kropinski AM (2022) Create a new, single species, genus (*Quivirus*) (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.069B.Quivirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.069B.Quivirus_ng.zip)
122. Tolstoy I, Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Rivsvirus*) with a single species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.070B.Rivsvirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.070B.Rivsvirus_ng.zip)
123. Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Roslyckyvirus*) with a single species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.071B.Roslyckyvirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.071B.Roslyckyvirus_ng.zip)
124. Turner D, Kropinski AM (2022) Create a new genus (*Scappivirus*) with a single species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.072B.Scappivirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.072B.Scappivirus_ng.zip)
125. Wittmann J, Adriaenssens EM, Turner D. (2022) Create one new subfamily, nine new genera and 30 new species in the family *Schitoviridae* (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.073B.Schitoviridae\\_1nsp\\_9ng\\_30nsp.zip](https://ictv.global/ictv/proposals/2022.073B.Schitoviridae_1nsp_9ng_30nsp.zip)
126. Li J-Q (2022) Create a new species (*Segzyvirus LPSTLL*), and assign it to the genus *Segzyvirus* (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.074B.Segzyvirus\\_1nsp.zip](https://ictv.global/ictv/proposals/2022.074B.Segzyvirus_1nsp.zip)



127. Barylski J, Turner D, Moraru C, Kropinski AM (2022) Create a new subfamily (*Sejongvirinae*) and two new genera (*Basiliskvirus* and *Yihwangvirus*) (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.075B.Sejongvirinae\\_nsf.zip](https://ictv.global/ictv/proposals/2022.075B.Sejongvirinae_nsf.zip)
128. Li J-Q (2022) Create a new genus *Shantouvirus* in the family *Chaseviridae* including a new species *Shantouvirus ZPAH14* (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.076B.Shantouvirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.076B.Shantouvirus_ng.zip)
129. Rong C-H, Yang Y-L, Zhang Y (2022) Create one new genus (*Shenzhenvirus*) including one new species (*Caudoviricetes: Kyanoviridae*) [https://ictv.global/ictv/proposals/2022.077B.Kyanoviridae\\_1ng.zip](https://ictv.global/ictv/proposals/2022.077B.Kyanoviridae_1ng.zip)
130. Tolstoy I, Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Siatvirus*) with a single species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.078B.Siatvirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.078B.Siatvirus_ng.zip)
131. Kurtböke I, Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Silentrexvirus*) with a single species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.079B.Silentrexvirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.079B.Silentrexvirus_ng.zip)
132. Kurtböke I, Turner D, Moraru C, Kropinski AM (2022) Create six new genera for *Arthrobacter* phages (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.080B.Caudoviricetes\\_6ng.zip](https://ictv.global/ictv/proposals/2022.080B.Caudoviricetes_6ng.zip)
133. Kurtböke I, Turner D, Moraru C, Kropinski AM (2022) Create six new genera of *Streptomyces* phages (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.081B.Caudoviricetes\\_6ng\\_streptomycetes.zip](https://ictv.global/ictv/proposals/2022.081B.Caudoviricetes_6ng_streptomycetes.zip)
134. Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Skulduggeryvirus*) with a single species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.082B.Skulduggeryvirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.082B.Skulduggeryvirus_ng.zip)
135. Tolstoy I, Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Snuvirus*) with a single species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.083B.Snuvirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.083B.Snuvirus_ng.zip)
136. Kurtböke I, Turner D, Moraru C, Adriaenssens EM, Kropinski AM (2022) Create six new genera and 33 new species of *Gordonia* siphoviruses (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.084B.Caudoviricetes\\_6ng\\_33nsp.zip](https://ictv.global/ictv/proposals/2022.084B.Caudoviricetes_6ng_33nsp.zip)
137. Kurtböke I, Moraru C, Adriaenssens EM, Kropinski AM, Turner D (2022) Create a new family (*Stanwilliamsviridae*) with two subfamilies (*Boydwoodruffvirinae* & *Loccivirinae*) and nine (9) genera (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.085B.Stanwilliamsviridae\\_nf\\_2nsf\\_4ng\\_6nsp.zip](https://ictv.global/ictv/proposals/2022.085B.Stanwilliamsviridae_nf_2nsf_4ng_6nsp.zip)
138. Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Stonewallvirus*) with a single species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.086B.Stonewallvirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.086B.Stonewallvirus_ng.zip)
139. Millard A, Puxty R (2022) Creation of new genera and species in the family *Straboviridae* (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.087B.Straboviridae\\_update.zip](https://ictv.global/ictv/proposals/2022.087B.Straboviridae_update.zip)
140. Zheng H, Liu B, Xu Y, Zhang Z, Man H, Liu J, Chen F. (2022) Create one new genus (*Syrbvirus*) including one new species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.088B.Syrbvirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.088B.Syrbvirus_ng.zip)
141. Turner D, Moraru C, Kropinski AM (2022) Create three new single species genera (*Seahorsevirus*, *Enfavivirus*, *Tieomvirus*) of *Vibrio* phages (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.089B.Caudoviricetes\\_3ng\\_vibrio.zip](https://ictv.global/ictv/proposals/2022.089B.Caudoviricetes_3ng_vibrio.zip)
142. Kurtböke I, Turner D, Moraru C, Kropinski AM (2022) Create three new genera (*Kumottavirus*, *Sargevirus*, *Shoyavirus*) for *Arthrobacter* siphoviruses (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.090B.Caudoviricetes\\_3ng\\_arthrobacter.zip](https://ictv.global/ictv/proposals/2022.090B.Caudoviricetes_3ng_arthrobacter.zip)
143. Kurtböke I, Turner D, Moraru C, Kropinski AM (2022) Create three new genera of actinophages (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.091B.Caudoviricetes\\_3ng\\_actinophages.zip](https://ictv.global/ictv/proposals/2022.091B.Caudoviricetes_3ng_actinophages.zip)
144. Kurtböke I, Turner D, Moraru C, Kropinski AM (2022) Create three new genera of lytic *Gordonia* phages (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.092B.Caudoviricetes\\_3ng\\_gordonia.zip](https://ictv.global/ictv/proposals/2022.092B.Caudoviricetes_3ng_gordonia.zip)
145. Kurtböke I, Turner D, Moraru C, Kropinski AM (2022) Create a new genus (*Wollypogirus*) with a single species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.093B.Wollypogirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.093B.Wollypogirus_ng.zip)
146. Turner D, Kropinski AM (2022) Create a new genus (*Yanchengvirus*) with a single species (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.094B.Yanchengvirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.094B.Yanchengvirus_ng.zip)
147. Jing Wang, Zekun Liu, Shixuan Huang (2022) Create one new genus (*Youngvirus*) including one new species in the *Autographiviridae* (*Caudoviricetes*) [https://ictv.global/ictv/proposals/2022.095B.Youngvirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.095B.Youngvirus_ng.zip)
148. Tian F, Li J, Tong Y (2022) Create a new genus (*Zhangqianvirus*) in the class *Caudoviricetes* [https://ictv.global/ictv/proposals/2022.096B.Zhangqianvirus\\_ng.zip](https://ictv.global/ictv/proposals/2022.096B.Zhangqianvirus_ng.zip)
149. Kotta-Loizou I, Wu CF, Moriyama H, Coutts RHA (2022) Create a new family (*Alternaviridae*) accommodating one new genus (*Alternavirus*) and five new species [https://ictv.global/ictv/proposals/2022.001F.Alternaviridae\\_newfam.zip](https://ictv.global/ictv/proposals/2022.001F.Alternaviridae_newfam.zip)
150. Varsani A, Krupovic M (2022) Establishment of 4 new genera, 13 new species and renaming 9 species in the family *Bacilladnaviridae* [https://ictv.global/ictv/proposals/2022.002F.Bacilladnaviridae\\_reorg.zip](https://ictv.global/ictv/proposals/2022.002F.Bacilladnaviridae_reorg.zip)
151. Ayllón MA, Turina M, Jiang D, Xie J, Marzano SY, Donaire L, Nerva L, Sabanadzovic S (2022) Create 15 new species in the family *Botourmiaviridae* [https://ictv.global/ictv/proposals/2022.003F.Botourmiaviridae\\_15nsp.zip](https://ictv.global/ictv/proposals/2022.003F.Botourmiaviridae_15nsp.zip)
152. Aylward FO, Abrahão J, Brussaard C, Fischer MG, Moniruzzaman M, Ogata H, Suttle CA (2022) Create 3 new families, 3 subfamilies, 13 genera, and 20 new species within the order *Imitervirales* (phylum *Nucleocytoviricota*) and rename two existing species. [https://ictv.global/ictv/proposals/2022.004F.Imitervirales\\_reorg.zip](https://ictv.global/ictv/proposals/2022.004F.Imitervirales_reorg.zip)
153. Zhang R, Takemura M, Murata K, Ogata H (2022) Create a new family (*Mamonoviridae*), a genus (*Medusavirus*), and two species (*Medusavirus medusae* and *Medusavirus sthenus*) in the phylum *Nucleocytoviricota* [https://ictv.global/ictv/proposals/2022.005F.Mamonoviridae\\_newfam.zip](https://ictv.global/ictv/proposals/2022.005F.Mamonoviridae_newfam.zip)
154. Kogay R, Koppenhöfer S, Beatty JT, Kuhn JH, Lang AS, Zhaxybayeva O (2022) Classification of gene transfer agents (GTAs) as viriforms [https://ictv.global/ictv/proposals/2022.001G.GTA\\_viriforms.zip](https://ictv.global/ictv/proposals/2022.001G.GTA_viriforms.zip)
155. Candresse T, Blouin A, Cao M, Cho WK, Constable F, Mollov D, Nagata T, Sabanadzovic S, Saldarelli P, Tzanetakis I, Villamor DE (2022) Create 12 new species (*Tymovirales: Betaflexiviridae*) [https://ictv.global/ictv/proposals/2022.001P.Betaflexiviridae\\_12ns.zip](https://ictv.global/ictv/proposals/2022.001P.Betaflexiviridae_12ns.zip)
156. Tang J, Delmiglio, C, Ward, L, Thompson J (2022) Create one new species (*Waikavirus rosae*) in the genus *Waikavirus* (*Picornavirales: Secoviridae*) [https://ictv.global/ictv/proposals/2022.003P.Secoviridae\\_1ns.zip](https://ictv.global/ictv/proposals/2022.003P.Secoviridae_1ns.zip)
157. Fuchs M, Hily J-M, Petrzik K, Sanfaçon H, Thompson J, van der Vlugt R, Wetzel T (2022) Create eight new species (*Picornavirales: Secoviridae*) [https://ictv.global/ictv/proposals/2022.004P.Secoviridae\\_8ns.zip](https://ictv.global/ictv/proposals/2022.004P.Secoviridae_8ns.zip)
158. Fuchs M, Hily J-M, Petrzik K, Sanfaçon H, Postler T, Thompson J, van der Vlugt R, Wetzel T (2022) Rename all existing species to comply with the newly ICTV-mandated binomial species format (*Picornavirales: Secoviridae*) [https://ictv.global/ictv/proposals/2022.005P.Secoviridae\\_rename.zip](https://ictv.global/ictv/proposals/2022.005P.Secoviridae_rename.zip)
159. Sabanadzovic S, Nibert ML, Tzanetakis IE, Valverde R (2022) Rename species in the family *Amalgaviridae* to comply with ICTV-mandated binomial format (*Durnavirales: Amalgaviridae*) [https://ictv.global/ictv/proposals/2022.006P.Amalgaviridae\\_rename.zip](https://ictv.global/ictv/proposals/2022.006P.Amalgaviridae_rename.zip)

160. Teycheney P-Y, Umber M (2022) Create four new species in the family *Caulimoviridae* [https://ictv.global/ictv/proposals/2022.007P.Caulimoviridae\\_4ns.zip](https://ictv.global/ictv/proposals/2022.007P.Caulimoviridae_4ns.zip)
161. Teycheney P-Y, Geering ADW, Dasgupta I, Hull R, Kreuze JF, Lockhart B, Muller E, Pappu H, Pooggin MM, Richert-Pöggeler KR, Schoelz JE, Seal S, Stabolone L, Umber M (2022) Rename all species in family *Caulimoviridae* to comply with binomial species format [https://ictv.global/ictv/proposals/2022.008P.Caulimoviridae\\_rename.zip](https://ictv.global/ictv/proposals/2022.008P.Caulimoviridae_rename.zip)
162. Silva JPH, Silva JCF, Bejerman N, Zerbini, FM (2022) Create a new family, *Amesuviridae*, in the order *Mulpavirales*, including two genera, *Temfrudevirus* and *Yermavirus*, each with one species [https://ictv.global/ictv/proposals/2022.009P.Amesuviridae\\_nf.zip](https://ictv.global/ictv/proposals/2022.009P.Amesuviridae_nf.zip)
163. Inoue-Nagata AK, Wylie SJ, Jordan R, Kreuze JF, Li F, Lopez-Moya JJ, Makinen K, Ohshima K (2022) Create six new species in the genus *Potyvirus* and one in the genus *Macluravirus* (*Patatavirales: Potyviridae*) [https://ictv.global/ictv/proposals/2022.010P.Potyviridae\\_7ns.zip](https://ictv.global/ictv/proposals/2022.010P.Potyviridae_7ns.zip)
164. Adkins S, Turina M, Whitfield A, Resende R, Naidu R, Hughes H, Kuhn J, Postler T, Rubino L (2022) Rename all existing species to comply with the binomial species format (*Bunyavirales: Tosopoviridae*) [https://ictv.global/ictv/proposals/2022.011P.Tosopoviridae\\_rename.zip](https://ictv.global/ictv/proposals/2022.011P.Tosopoviridae_rename.zip)
165. Hammond, RW, Abrahamian P, Haenni A-L, Mollov D, Nagata T, Sabanadzovic S (2022) Create two new species in the genus *Tymovirus* and one new species in the genus *Marafivirus* (*Tymovirales: Tymoviridae*) [https://ictv.global/ictv/proposals/2022.012P.Tymoviridae\\_3nsp.zip](https://ictv.global/ictv/proposals/2022.012P.Tymoviridae_3nsp.zip)
166. Sabanadzovic S, Hammond RW, Mollov D, Nagata T, Haenni A-L, Abrahamian P, Aboughanem-Sabanadzovic N, Rubino L (2022) Rename 40 species in the family *Tymoviridae* to comply with binomial format (*Tymovirales: Tymoviridae*) [https://ictv.global/ictv/proposals/2022.013P.Tymoviridae\\_rename.zip](https://ictv.global/ictv/proposals/2022.013P.Tymoviridae_rename.zip)
167. Scheets K, Miller WA (2022) Assign the genus *Luteovirus* to the subfamily *Regressovirinae* in the family *Tombusviridae* (*Tolivirales*) [https://ictv.global/ictv/proposals/2022.014P.Luteovirus\\_move.zip](https://ictv.global/ictv/proposals/2022.014P.Luteovirus_move.zip)
168. Scheets K, Hernandez C, Jordan R, Miller WA, Rubino L, White KA (2022) Rename all existing species assigned to genera in the family *Tombusviridae* (*Tolivirales*) to comply with the binomial species format [https://ictv.global/ictv/proposals/2022.015P.Tombusviridae\\_rename.zip](https://ictv.global/ictv/proposals/2022.015P.Tombusviridae_rename.zip)
169. Ramos-González PL, Freitas-Astúa J, Li J-M, Peters J, Rodrigues JC, Roy A, Melzer M (2022) Create three new species in the genus *Cilevirus*, family *Kitaviridae* (*Martellivirales*) [https://ictv.global/ictv/proposals/2022.016P.Cilevirus\\_3ns.zip](https://ictv.global/ictv/proposals/2022.016P.Cilevirus_3ns.zip)
170. Ramos-González PL, Freitas-Astúa J, Li J-M, Peters J, Rodrigues JC, Roy A, Melzer M (2022) Rename existing species in the family *Kitaviridae* (*Martellivirales*) to comply with binomial format [https://ictv.global/ictv/proposals/2022.017P.Kitaviridae\\_rename.zip](https://ictv.global/ictv/proposals/2022.017P.Kitaviridae_rename.zip)
171. Sidharthan VK, Chaturvedi KK, Baranwal VK (2022) Create one new species (*Emaravirus visci*) in the genus *Emaravirus*, family *Fimoviridae* [https://ictv.global/ictv/proposals/2022.018P.Emaravirus\\_1ns.zip](https://ictv.global/ictv/proposals/2022.018P.Emaravirus_1ns.zip)
172. Gaskin TR, Tischendorf M, Günther I, Rehanek M, Büttner C, von Barga S (2022) Create *Emaravirus fraxini* as a new species in the genus *Emaravirus*, family *Fimoviridae* [https://ictv.global/ictv/proposals/2022.019P.Emaravirus\\_1ns.zip](https://ictv.global/ictv/proposals/2022.019P.Emaravirus_1ns.zip)
173. Nabeshima T, Abe J (2022) Create *Emaravirus vitis* as a new species in the genus *Emaravirus*, family *Fimoviridae* [https://ictv.global/ictv/proposals/2022.020P.Emaravirus\\_1ns.zip](https://ictv.global/ictv/proposals/2022.020P.Emaravirus_1ns.zip)
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175. Rabbidge LO, Blouin AG, Chooi KM, Higgins CM, MacDiarmid RM (2022) Create *Emaravirus corynocarpi* as a new species in the genus *Emaravirus*, family *Fimoviridae* [https://ictv.global/ictv/proposals/2022.022P.Emaravirus\\_1ns.zip](https://ictv.global/ictv/proposals/2022.022P.Emaravirus_1ns.zip)

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## Authors and Affiliations

Francisco Murilo Zerbini<sup>1</sup>  · Stuart G. Siddell<sup>2</sup>  · Elliot J. Lefkowitz<sup>3</sup>  · Arcady R. Mushegian<sup>4</sup>  · Evelien M. Adriaenssens<sup>5</sup>  · Poliane Alfenas-Zerbini<sup>6</sup>  · Donald M. Dempsey<sup>3</sup>  · Bas E. Dutilh<sup>7,8</sup>  · María Laura García<sup>9</sup>  · R. Curtis Hendrickson<sup>3</sup>  · Sandra Junglen<sup>10</sup>  · Mart Krupovic<sup>11</sup>  · Jens H. Kuhn<sup>12</sup>  · Amy J. Lambert<sup>13</sup>  · Małgorzata Łobocka<sup>14</sup>  · Hanna M. Oksanen<sup>15</sup>  · David L. Robertson<sup>16</sup>  · Luisa Rubino<sup>17</sup>  · Sead Sabanadzovic<sup>18</sup>  · Peter Simmonds<sup>19</sup>  · Donald B. Smith<sup>19</sup>  · Nobuhiro Suzuki<sup>20</sup>  · Koenraad Van Doorslaer<sup>21</sup>  · Anne-Mieke Vandamme<sup>22,23</sup>  · Arvind Varsani<sup>24</sup> 

✉ Francisco Murilo Zerbini  
zerbini@ufv.br

Stuart G. Siddell  
stuart.siddell@bristol.ac.uk

Elliot J. Lefkowitz  
elliottl@uab.edu

Arcady R. Mushegian  
mushegian2@gmail.com

Evelien M. Adriaenssens  
evelien.adriaenssens@quadram.ac.uk

Poliane Alfenas-Zerbini  
palfenas@ufv.br

Donald M. Dempsey  
ddempsey@uab.edu

Bas E. Dutilh  
bedutilh@gmail.com

- María Laura García  
garcia\_m@biol.unlp.edu.ar
- R. Curtis Hendrickson  
curtish@uab.edu
- Sandra Junglen  
sandra.junglen@charite.de
- Mart Krupovic  
mart.krupovic@pasteur.fr
- Jens H. Kuhn  
kuhnjens@mail.nih.gov
- Amy J. Lambert  
ahk7@cdc.gov
- Małgorzata Łobocka  
lobocka@ibb.waw.pl
- Hanna M. Oksanen  
hanna.oksanen@helsinki.fi
- David L. Robertson  
david.l.robertson@glasgow.ac.uk
- Luisa Rubino  
luisa.rubino@cnr.it
- Sead Sabanadzovic  
ssabanadzovic@entomology.msstate.edu
- Peter Simmonds  
peter.simmonds@ndm.ox.ac.uk
- Donald B. Smith  
donald.smith.ictv@gmail.com
- Nobuhiro Suzuki  
nsuzuki@okayama-u.ac.jp
- Koenraad Van Doorslaer  
vandoorslaer@arizona.edu
- Anne-Mieke Vandamme  
annemie.vandamme@kuleuven.be
- Arvind Varsani  
arvind.varsani@asu.edu
- 1 Departamento de Fitopatologia/BIOAGRO, Universidade Federal de Viçosa, Viçosa, MG 36570-900, Brazil
  - 2 School of Cellular and Molecular Medicine, Faculty of Life Sciences, University of Bristol, University Walk, Bristol BS8 1TD, UK
  - 3 Department of Microbiology, University of Alabama at Birmingham, BBRB 276, 845 19th St South, Birmingham, AL 35294-2170, USA
  - 4 Division of Molecular and Cellular Biosciences, National Science Foundation, 2415 Eisenhower Avenue, Alexandria, VA 22314, USA
  - 5 Quadram Institute Bioscience, Norwich Research Park, Norwich NR4 7UQ, UK
  - 6 Departamento de Microbiologia, Universidade Federal de Viçosa, Viçosa, MG 36570-900, Brazil
  - 7 Institute of Biodiversity, Faculty of Biological Sciences, Cluster of Excellence Balance of the Microverse, Friedrich Schiller University, Fürstengraben 1, 07743 Jena, Germany
  - 8 Theoretical Biology and Bioinformatics, Department of Biology, Utrecht University, Padualaan 8, 3584 CH Utrecht, The Netherlands
  - 9 Instituto de Biotecnología y Biología Molecular, CCT-La Plata, CONICET-UNLP, calles 47 y 115 (1900), La Plata, Buenos Aires, Argentina
  - 10 Institute of Virology, Charité-Universitätsmedizin, corporate member of Free University Berlin, Humboldt-University Berlin, and Berlin Institute of Health, Berlin, Germany
  - 11 Institut Pasteur, Université Paris Cité, CNRS UMR6047, Archaeal Virology Unit, 25 rue du Dr Roux, 75015 Paris, France
  - 12 Integrated Research Facility at Fort Detrick, National Institute of Allergy and Infectious Diseases, National Institutes of Health, B-8200 Research Plaza, Fort Detrick, Frederick, MD 21702, USA
  - 13 Division of Vector-Borne Diseases, Centers for Disease Control and Prevention, National Center for Emerging and Zoonotic Infectious Diseases, Fort Collins, CO 80521, USA
  - 14 Institute of Biochemistry and Biophysics of the Polish Academy of Sciences, 02-106 Warsaw, Poland
  - 15 Molecular and Integrative Biosciences Research Programme, Faculty of Biological and Environmental Sciences, University of Helsinki, Viikinkaari 9, 00014 Helsinki, Finland
  - 16 MRC-University of Glasgow Centre for Virus Research, Sir Michael Stoker Building, 464 Bearsden Road, Glasgow G61 1QH, UK
  - 17 Consiglio Nazionale delle Ricerche, Istituto per la Protezione Sostenibile delle Piante, Sede Secondaria di Bari, Via Amendola 165/A, 70126 Bari, Italy
  - 18 Department of Biochemistry, Molecular Biology, Entomology and Plant Pathology, Mississippi State University, 100 Old Hwy 12 Mail Stop 9775, Mississippi State, MS 39762, USA
  - 19 Nuffield Department of Medicine, University of Oxford, Peter Medawar Building, South Parks Road, Oxford OX1 3SY, UK
  - 20 Institute of Plant Science and Resources, Okayama University, Kurashiki, Okayama 710-0046, Japan
  - 21 Department of Immunobiology, School of Animal and Comparative Biomedical Sciences, BIO5 Institute, University of Arizona Cancer Center, Tucson, AZ 85721, USA
  - 22 Department of Microbiology, Immunology and Transplantation, Clinical and Epidemiological Virology, Rega Institute for Medical Research, KU Leuven, 3000 Leuven, Belgium
  - 23 Center for Global Health and Tropical Medicine, Instituto de Higiene e Medicina Tropical, Universidade Nova de Lisboa, Rua da Junqueira, 100, 1349-008 Lisbon, Portugal
  - 24 The Biodesign Center for Fundamental and Applied Microbiomics, School of Life Sciences, Center for Evolution and Medicine, Arizona State University, Tempe, AZ 85287-4701, USA