

## ***International Journal of Systematic and Evolutionary Microbiology: pre-submission checklist***

For the full pre-submission checklist required for all journals, please view our [Information for Authors](#).

Please also consult the journals' [About](#) page prior to submission.

### **New submissions**

#### **1.1 Research Articles describing new taxa**

- Please upload 'Proof of Deposit' confirming that any proposed prokaryote type strains have been deposited in two or more public culture collections, in line with the requirements of the Bacteriological Code: 'In the case of description of new species and subspecies the culture collection number of at least two publicly accessible service collections in different countries where a subculture of the type strain has been deposited must be given' - Rule 27(3). Following the meeting of the ICSP in 2002, proof of deposit and availability from such culture collections is also required.
- For new combinations (comb. nov.) the type strain must be available in two publicly accessible culture collections.
- Exercise care in using scientific names of bacteria. Scientific names used by themselves or unless otherwise qualified refer to all the constituent elements of the taxa to which the names refer. When only selected elements of a taxon were studied, the title should reflect this. The use of strain designations, when applicable and feasible, not only results in an accurate title but also permits more useful indexing. It is generally not necessary to refer to geographical locations in titles unless they are directly relevant to the biology of the micro-organism(s) being described. Never use the name of a bacterial taxon in a general sense in a title if the nomenclatural type of the taxon was not included in the study (see [Valid publication of names of bacterial taxa](#)). For example, a statement about the genus *Pseudomonas* which does not include a consideration of *Pseudomonas aeruginosa*, the type species, would not be valid.

##### **1.1.1 Title page**

- The title page should include any new names or combinations that are proposed in the text. If there are too many to mention, the title should mention their number and type of new taxa, for example 'Phylogenetic analysis of the order *Chlamydiales*, including the description of five new genera and eight new species in the family *Chlamydiaceae*'.

##### **1.1.2 Abstract**

- Culture collection accession numbers should be provided in the abstract which exactly match those in the certificates of deposition.
- All taxa proposed in the paper must be mentioned in the abstract, together with the type strains of any novel species; any other taxonomic proposals such as emended descriptions should also be mentioned.

### 1.1.3 Main text

- An etymology for any new name proposed should be given in the text of the manuscript.
- Type strain and GenBank accession numbers should be given in phylogenetic trees.

### 1.1.4 Methods

- Authors must state the collection number(s) and source(s) of any reference strains used in the reported study. Reference strains should be referred to using the strain name or collection number of the actual strain used; i.e. in experiments that form part of the reported study, do not refer to the strain using its original lab strain name if it was obtained from a public culture collection.
- Names of individuals that have provided paid analytical services should not be acknowledged in the paper.

### 1.1.5 Results

- The DNA base composition should be reported as G+C content in mol% (not %) only to the nearest significant digit. Raw data used to generate results presented in the paper should be available to the handling Editor on request.
- Authors should present the characteristics of each strain in the text if practical or in a strain table if the list is complex. Only **differential** data should appear in tables. Obviously, with very large numbers of strains, it may not be practical to provide individual strain data (see [supplementary material](#)); instead, cite the percentage of strains that gave a positive or negative result for each character determined.

### 1.1.6 Figures

- Logos of culture collections must not appear on images that are published in *International Journal of Systematic and Evolutionary Microbiology* or in any associated supplementary data.