*Articles should be a single file readable by Microsoft Word, using a standard typeface such as Times New Roman or Arial. This file is provided for your convenience: it is not mandatory. If you use the template, remember to delete instructional text in [italics] prior to submission.*

*This template applies to:*

* *Commentary for all journals*
* *Letters for all journals*
* *Editorials for all journals*

*Visit* [*www.microbiologyresearch.org/authors/information-for-authors*](http://www.microbiologyresearch.org/authors/information-for-authors) *for further details.*

Opinion template title

*[A concise statement of the contents of your article. A title that emphasises the main conclusions, or poses a question, has more impact than one that just describes the nature of the study.]*

## Author names

*[Mandatory for all journals. First name(s) and family name in full, with the author for correspondence clearly indicated. Please include ORCiD information where available:* [*https://orcid.org/*](https://orcid.org/)*.]*

## Affiliation(s)

*[Mandatory for all journals. The name and address of the institution(s) where the work was done, and current addresses of authors who have since moved.]*

## Corresponding author and email address

*[Mandatory for all journals. The name and email address for the corresponding author(s).]*

## Keywords

*[This section is optional. Between three and six keywords that will make your article easily searchable.]*

# Impact statement

*[Mandatory for Microbial Genomics by revision stage, encouraged for all other journals.]*

*[This lay summary of your article should be no more than 200 words and should a) provide a perspective of how this article adds to the literature in the field; b) identify breadth of interest/utility; and c) state the significance of output (incremental or step), in terms of relevance.]*

# Section heading

*[Define your heading and add as many sub-sections as required.]*

# Figures and tables

*[This section is optional. Figures and tables should be broadly comprehensible without reference to the text, and should add information to the article. They should be included within and throughout the manuscript, located near to where they are cited and/or described in more detail.*

* *Figures and tables should not be used to present results that can be described by a brief statement in the text.*
* *It is not necessary to repeat detailed descriptions of methods in table or figure legends.*
* *If you have used abbreviations or icons, please define them in the legend.*
* *When results are expressed as percentages, the absolute value(s) corresponding to 100% must be stated.*
* *Indicate the reproducibility of results.*

# Author statements

## Author contributions

*[Mandatory for Access Microbiology, encouraged for all other journals.* *A section describing each author’s contribution to the research, using the CRediT taxonomy from CASRAI:* [*https://casrai.org/credit/*](https://casrai.org/credit/)*]*

## Conflicts of interest

*[Mandatory for all journals. You must declare any potential conflicts of interest in the article. A conflict of interest may exist when your interpretation of the results or presentation of information may be influenced by your personal or financial relationship with other people or organisations. If no conflict exists, include the line "The author(s) declare that there are no conflicts of interest." under this section heading.]*

## Funding information

*[Mandatory for all journals. Describe in detail the funding sources that supported this work, including the names of funding bodies and grant numbers. Any authors who are associated with specific funding sources should be named. You must also state whether anyone employed by the funders, other than the authors, played any role in the study or in the preparation of the article or decision to publish; these persons need to be named and their role described. If you did not receive funding for the work, include the line "This work received no specific grant from any funding agency." under this section heading].*

## Ethical approval

*[Mandatory for all journals where the research includes any experimental work with humans or animals. The article must include a statement that the Ethical Committee or Board of the institution in which the work was done has approved the work. For human work we also require a statement indicating that individuals gave informed consent to take part in the research.]*

## Consent for publication

*Mandatory for all journals where personal details of an individual that may lead to their identification has been included in the article. Details include direct identifiers such as names, images and videos; or indirect identifiers that when used together may reveal the individual’s identity (e.g., gender, age, location of treatment, rare disease, socioeconomic data).*

*You will need to upload evidence of written consent for the publication of these details to the peer review system and you must include a sentence stating that this consent was obtained in the manuscript. For articles describing individuals under the age of 18, consent for publication must be obtained from their parent or legal guardian. If the person has died, consent must be obtained from their next of kin. You can use our* [*consent form*](https://www.microbiologyresearch.org/marketing/editorial/Consentforpublicationform.pdf) *to obtain consent for publication, or a consent form from your own institution or region if appropriate.*

## Acknowledgements

*[This section is optional for all journals. However, if materials and results were obtained from outside the authors’ laboratories (e.g. production of antibodies, properties of strains), this must be acknowledged.] It should also be used to list the individuals who are part of a listed Group Author/Consortium].*

# References

*[Mandatory for all journals. List your references in Vancouver style, numbered in the order that they appear in the text. All listed references must be cited in the text, tables, or figure legends.*

*For each reference, please include the authors, title, journal/book/website/software name, year of publication, and DOI. For websites, the URL and date the site was accessed should also be included.*

*If your article is accepted for publication, your reference lists and citations will be reformatted as needed. Ideally, references should include a DOI to facilitate this, and to allow us to create reference links in published articles.]*