

Who we are

ISME - The International Society for Microbial Ecology is a non-profit association in the field of ecology. We connect, sponsor, provide platforms & information, organize events.

Journals - ISME is the proud owner of *The ISME Journal* and *ISME Communications* - scientific journals published by Springer Nature.

Symposium - The International Symposium on Microbial Ecology is the world's largest non-profit symposium in its field. The symposium typically attracts over 2000 delegates (senior and junior) who represent over 50 countries.

Membership - Without members we couldn't exist! Anyone with an interest in Microbial Ecology can become a member! Currently ISME has over 600 members.

The Society

interactive & involved

The Journal

interdisciplinary & impact

factor 9.2

The Symposia

international & innovative

ISME Goals

- Promote research & education in ME
- Initiate and support conferences and workshops
- Facilitate scientific exchange
- Facilitate interaction between workers in ME and other disciplines
- Promote international awareness of ME issues
- To publish in journals with a multidisciplinary approach

Fundings:

ISME is happy to sponsor your *Microbial Ecology* events.

- Ambassadors fund
- General sponsorship
- Development fund
- Promotional fund

18th International Symposium on Microbial Ecology

Cape Town, South Africa

21 – 26 August 2022

<https://ismel8.isme-microbes.org>



Plan A

ICSP establishes an *Ad Hoc* subcommittee for naming the uncultivated

Plan B

An international, yet to be named, society establishes an *Ad Hoc* subcommittee for naming the uncultivated



Proposed *Ad Hoc* Committee Tasks (Plan A or B)

- ▶ Evaluates extant *Candidatus* names “Approved Lists 2.0”
- ▶ Determines persistence of *Candidatus* vs. alternatives for designating uncultivated microorganisms
- ▶ Minimizes redundancies with other taxonomies
- ▶ Publishes Validation Lists for uncultivated taxa
- ▶ Establishes MAG & SAG minimum quality standards

Logical choice:
ISME represents the community most involved in naming uncultured taxa

Modification of ICNP / *The Code*

- ▶ DNA is approved as type material and *The Code is modified* accordingly
- ▶ DNA-based nomenclature has standing and priority

Establish ICNUP / *The Uncultivated Code*

- ▶ Creates DNA-based classification for uncultivated microorganisms following an International Code of Nomenclature of

Murray et al. 2020.
Nature Microbiology.