**[Nature Methods](http://www.nature.com/nmeth/authors/index.html" \l "aims)**

To enhance the practical relevance of each paper, description of the method must be accompanied by its validation,*its application to an important biological question* and results illustrating its performance in comparison to available approaches. Articles are selected for publication that present broad interest, thorough assessments of methodological performance and comprehensive technical descriptions that facilitate immediate application.

**Nature microbiology**

New journal (1/2016).

"Nature Microbiology is interested in all aspects of microorganisms, be it their evolution, physiology and cell biology; their interactions with each other, with a host or with an environment; or their societal significance."

**PNAS**

**eLife**

[**ISME Journal**](http://www.nature.com/ismej/about/index.html)

The ISME Journal seeks to promote diverse and integrated areas of microbial ecology spanning the breadth of microbial life, including bacteria, archaea, microbial eukaryotes, and viruses. Contributions of broad biological interest and impact are especially encouraged. Topics of particular interest within the journal's scope include those listed below:

* Microbial population and community ecology
  + Theoretical advances in microbial population and community ecology, including novel theoretical development relevant to the diversity and structure of microbial populations and communities, advances in modeling and comparisons of microbial ecological principles with those in macroecology

Editors: Oded Beja, Angus Buckling

**mBio**

The scope of mBio reflects the enormity of the microbial world, a highly interconnected biosphere where microbes interact with living and nonliving matter to produce outcomes that range from symbiosis to pathogenesis, energy acquisition and conversion...

Streamlined decisions.

Editors: Judy Berman, Richard Lenski

[**Ecology Letters**](http://onlinelibrary.wiley.com/journal/10.1111/%28ISSN%291461-0248/homepage/ProductInformation.html)

average time from submission to first decision is currently 22 days.

Editors: Frida Ben-Ami, Corey Bradshaw, Australia; Jean Clobert, France; John Drake, USA; Dieter Ebert, Switzerland