

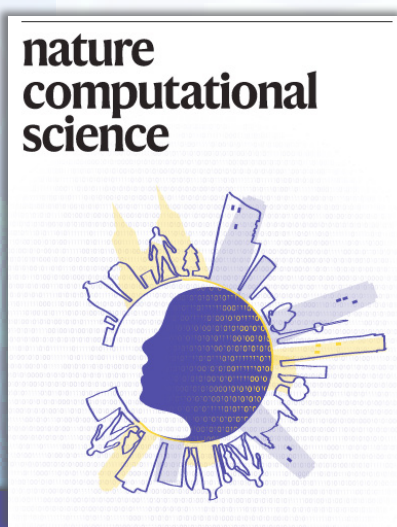
NATURE NEW LAUNCHES 2021



NATURE AGING

Owing to the progress of modern medicine, life expectancies around the globe have greatly increased over the past century. Unfortunately, it is estimated that 23% of the global disease burden - almost half in high-income countries - is due to non-communicable diseases, such as cardiovascular diseases, cancer and brain disorders, in people 60 and above who only represent 10-15% of the world population.

The journal aims to foster interactions between the different areas of this diverse field of research and promote new and exciting ideas within and beyond the research community, to enable synergy and maximize scientific and societal impact, such as basic and clinical research (e.g. genetics, systems biology, rejuvenation and repair, metabolism, nutrition, senescence), age-related diseases (e.g. neurological, cardiovascular and metabolic disorders, cancer, frailty, arthritis); and health and social science (e.g. public and global health, gerontology, sociology, demography, health economics)



NATURE COMPUTATIONAL SCIENCE

Advances in computer technology, be it in hardware or in software, have revolutionized the way researchers work: problems that are too complex for human or analytical solutions are now easier to address; problems that would take years to solve can now be unraveled in a reasonable amount of time. Nature Computational Science will focus on all of the elements that make this possible, from algorithms, tools, and frameworks that notably help to advance scientific research, to methodologies that use computing capabilities in novel ways to find new insights.

Disciplines covered by Nature Computational Science include, but are not limited to:

Bioinformatics, Cheminformatics, Geoinformatics, Climate Modeling and Simulation, Computational Physics and Cosmology, Materials Science, Urban Science and Technology, Methods, Tools, and Platforms for Computational Science, Visualization and Virtual Reality for Computational Science.



NATURE REVIEWS METHODS PRIMERS

Nature Reviews Methods Primers will provide overviews of scientific methods and outline utilities in addressing different research questions. Nature Reviews Methods Primers is aimed at a broad, interdisciplinary audience of researchers at all career stages. It provides them with the information to evaluate and apply methods to conduct their research, with a strong focus on enhancing interdisciplinary collaboration and providing guidance, from experts, on data deposition and open science.

It will cover analytical, applied, statistical, theoretical, and computational methods used in the life and physical sciences. Nature Reviews Methods Primers will have a modular structure, covering the underlying theory of the method; best practices for experimental design and setup, data collection and analysis; how the method can be used in different areas of research; reproducibility and open data; limitations of the method; and the challenges and opportunities in the field.