

## Special Issue

# Application of Nuclear Magnetic Resonance Method in Protein Research

### Message from the Guest Editors

Nuclear magnetic resonance (NMR) is one of the three major methods used to study protein structure at an atomic resolution. Recently, there has been a revolution in structural biology involving cryogenic-electron microscopy. However, the molecular mechanisms and biological roles for most proteins could not be perfectly illustrated with these frozen static structures. In addition to its high-resolution structure, NMR enables the studies of protein dynamics under the more physiological conditions intimately related to the biological mechanism of proteins. This Special Issue aims to highlight recent advances in all aspects of NMR-based protein study methodology and applications. It shall broadly contain reviews and original scientific contributions, including solution and solid-state NMR pulse sequence development, data analysis, as well as domain-specific applications such as protein structure determinations, drug discovery, chemical biology, and protein biological function investigations.

---

### Guest Editors

Prof. Dr. Chaowei Shi

Prof. Dr. Lichun He

Prof. Dr. Yan Li

Prof. Dr. Bing Liu

---

### Deadline for manuscript submissions

closed (31 August 2022)



## Life

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 4.3  
Indexed in PubMed



[mdpi.com/si/87972](https://mdpi.com/si/87972)

*Life*

MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
life@mdpi.com

[mdpi.com/journal/  
life](https://mdpi.com/journal/life)





# Life

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 4.3  
Indexed in PubMed



[mdpi.com/journal/  
life](https://mdpi.com/journal/life)



## About the Journal

### Message from the Editor-in-Chief

*Life* (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

---

### Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona  
Institute of Science and Technology, 08028 Barcelona, Spain

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, CAPIus / SciFinder, AGRIS, and other databases.

#### Journal Rank:

JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)