

Special Issue

Research Progress of Fluorescent Proteins in Molecular Biology

Message from the Guest Editor

From neuronal action potential to studies across all kingdoms of life, fluorescent proteins have illuminated the fundamental processes that govern biology, ranging from whole organisms to single organelles. Extensive efforts have been undertaken to enhance the brightness, photostability, and spectral range of GFP and other discovered fluorescent proteins, leading to a broad palette of color variants tailored for multiplexed imaging.

This Special Issue will gather contributions that illuminate novel biological processes through state-of-the-art fluorescence microscopy techniques, with a particular focus on quantitative approaches. Submissions highlighting recent advances in the design, application, or optimization of fluorescent proteins are encouraged. Original research articles and reviews are also welcome.

Guest Editor

Dr. Matteo Grenzi

Department of Biosciences, Università degli Studi di Milano, Milan, Italy

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

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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