

Special Issue

Quantum Aspects of Physiology

Message from the Guest Editor

Living systems have multiple scales of interaction, including quantum scales, as can be determined experimentally and theoretically. This Special Issue of *Quantum Reports* focuses on progress made in understanding explicit quantum aspects of these phenomena beyond metaphorical references to physics.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

We get more and more evidence that quantum theory is the correct description of nature. It was born a century ago by explaining a few paradoxical results that could not be understood in the framework of classical physics. Today, quantum physics leads technological revolution in metrology, communication, computation, and the design of novel materials. Still it needs more solid foundations, and we need to develop a deeper understanding of how it can be used for new applications.

Quantum Reports is an online, open-access journal providing an advanced forum for clarifying foundations of quantum theory and developing its applications in all fields of physics and technology. *Quantum Reports* is inviting innovative and insightful contributions from the growing community of researchers of quantum science.

Editor-in-Chief

Prof. Dr. Lev Vaidman

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.5 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).