

Medical Physics

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Actively promoting the application of physics to medicine and biology

Medical Physics is the scientific journal of the American Association of Physicists in Medicine and is an official science journal of the Canadian Organization of Medical Physics, the Canadian College of Physicists in Medicine, and the International Organization for Medical Physics (IOMP). It publishes research concerned with the application of physics and mathematics to the solution of problems in medicine and human biology. Manuscripts covering theoretical or experimental approaches are published.

The journal is characterized by a rigorous refereeing process with selected associate editors and referees committed only after they have been consulted on the specific manuscript. The journal features review articles, research articles, technical reports, technical notes, Point/Counterpoint debates on controversial issues, Vision 20/20 future-focused articles, and letters. The journal also carries AAPM Task Group Scientific Reports.

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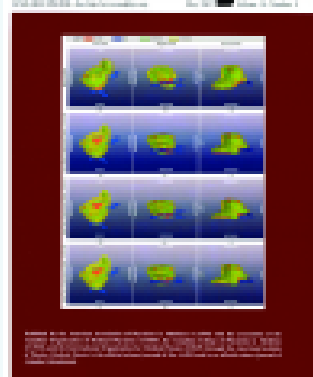
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HFSP Journal

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The *HFSP Journal* aims to publish high quality, innovative interdisciplinary basic research at the frontier of biology over a wide range of organizational levels (from the molecular level to population biology) using principles strategies or technologies from the more quantitative disciplines (e.g., physics, chemistry, mathematics, engineering, or informatics).

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- Mathematical, chemical, and physical approaches to biological processes
- Novel chemical and physical approaches to studying biological phenomena
- Single molecule approaches to biological systems
- New ways of studying intracellular
- Novel physical and computational approaches to understanding brain and cognitive functions
- Mathematical and computational approaches to evolutionary studies

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