

Special Issue

Specialized Pro-resolving Mediators (SPM) in Health and Disease

Message from the Guest Editor

Specialized pro-resolving mediators (SPM) are a group of lipid mediators (lipoxins, resolvins, protectins, and maresins). The discovery of the SPM family has led to an advancement in our understanding of inflammatory diseases, such as periodontal diseases or arthritis and many other inflammation-related diseases. SPM have been found to initiate the resolution of inflammation and thus restore the inflammatory homeostasis. The latter is crucial to maintaining health and protective immunity. Hence, SPM are considered novel promising immune-resolvent agents, they can potentially be biomarkers of health and risk indicators in many diseases, and play roles in controlling biofilm formation and enhance antibiotic activity.

This Special Issue will welcome all research related to SPM detection and dosage in health or disease states. It will also welcome all research on the use of SPM molecules as therapeutic agents in any inflammatory disease. Original scientific reports, review articles, commentary, and perspective papers are accepted.

Guest Editor

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A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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