



Special Issue on
**Therapeutic Strategies against
Inflammation-Related Diseases: Molecular
Mechanisms and Clinical Applications**

CALL FOR PAPERS

Inflammation is a complicated cellular and molecular process of vascular tissues response to harmful stimuli. It is a protective mechanism by the host to remove the harmful stimuli, initiating the healing process to promote tissue recovery. However, inadequate or chronic inflammation can lead to a lot of diseases, such as atherosclerosis, cardiac valvular disease, cancer, respiratory diseases, and rheumatoid arthritis. Among these, cardiovascular diseases (CVDs) and cancer are the major leading causes of death worldwide. Recent advances in biology and biochemistry of these two diseases have introduced new technologies to study the molecular mechanisms and pathogenesis underlying their pathology. Knowledge and understanding of these conditions have led to the development of some successful therapies, which may provide better care to these patients.

We invite investigators to contribute original research articles as well as review articles that will stimulate the continuing efforts to understand the molecular mechanisms underlying CVD- and cancer-associated inflammations and the development of novel strategies to treat these diseases. We are particularly interested in articles discussing new insights, technologies, and concepts that advance our understanding in pathogenesis, as well as novel strategies to prevent or treat these diseases using small molecules, siRNA, proteins, or other molecular approaches.

Potential topics include, but are not limited to:

- ▶ Mechanisms in inflammation-related diseases, especially in CVD- and tumor-associated inflammation
- ▶ Latest technologies or animal models for the diseases
- ▶ Novel natural or synthetic compounds implicated to prevent or treat inflammation-related diseases
- ▶ Structure-activity relationship of the novel agents
- ▶ Recent advances in drug delivery for these diseases

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/bmri/pharmacology/eaai/>.

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