

Special Issue on
Emerging Chemical Agents for the Prevention and Treatment of Skin Cancer and Dermatological Diseases

CALL FOR PAPERS

In recent years several chemical agents have been developed, not only for benign dermatological diseases but also for skin cancer, which represents one of the most common cutaneous tumors, in particular among those affecting keratinocytes (i.e., nonmelanoma skin cancer).

In such contexts, many new molecules have been generated for both topical and systemic administration. These molecules have thus been favored in the development of new dermatological approaches in terms of prevention and treatment. Of particular interest are approaches for high-risk subjects (i.e., organ transplant recipients, immunosuppressed patients, and fair skinned subjects) and those with important repercussions on morbidity, mortality, and implications in terms of health costs.

This special issue aims to focus on recent advances in such promising approaches (including chemical agents currently in phases of clinical research) and will deal with their applications to the prevention and treatment of dermatological diseases. Articles dealing with chemical characterization, design (including computer-aided design), and synthesis as well as with pharmacological activities of new molecules are welcome. It welcomes review articles as well as highly original research papers on these topics (either basic sciences or applied research studies), showing both technical advances and practical utilizations.

Potential topics include but are not limited to the following:

- ▶ Investigations on drugs mechanisms of action and novel therapy targets with effect in the pathways involved in skin cancer and dermatological diseases
- ▶ Design, synthesis, and characterization of newly developed chemical compounds for the prevention and/or treatment of skin cancer
- ▶ Chemical characterization of emerging active ingredients, among which there are plant derived natural extracts
- ▶ Synthesis and characterization of new preservatives to be used to avoid the potential chemical deterioration and microbial biodegradation of topical treatments, as well as cutaneous allergies
- ▶ Characterization of drugs efficacy improvement by probiotics

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/jchem/medicinal.chemistry/ecapt/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

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