

Special Issue

Natural Anticancer Molecules and Their Therapeutic Potential

Message from the Guest Editors

Cancer is a major public health problem worldwide. Therefore, the therapeutic library of targeted anticancer drugs should be continuously replenished and enriched. However, the types of existing molecularly targeted drug structures are still limited. Thus, natural products with certain biological activities are used as hit compounds for structural transformation, modification, and optimization. As a result, new chemical entities with anti-drug resistance and less toxic side effects can be obtained, which can provide new ideas for breaking through the development bottleneck of molecularly targeted drugs. The purpose of this Special Issue may include, but is not limited to, reporting on natural products and their derivatives with anticancer potentials, such as the isolation, synthesis, simulation design, antitumor mechanisms, and clinical trials of these molecules. It is expected to provide a centralized display platform for molecularly targeted antitumor drugs derived from natural products or their derivatives and a new insight into the use of natural products in cancer treatment. **Keywords:** natural product; anticancer; potential cancer targets; immunomodulatory

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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