

Tentative Outline

Special Thematic Issue for Current Protein & Peptide Science

Enzymatic Targets in the Anticancer Drug Discovery

Guest Editors: Luciana Scotti and Marcus T Scotti

Aims & Scope:

Anticancer activity of products is extensively researched, as cancer is a leading cause of death in the global population. The World Health Organization inform that before the pandemic it was responsible for one out of six deaths. In males, the most common types of cancer are prostate, lung, colorectal, stomach and liver; while in female we observed lung, breast, colorectal, cervical and thyroid. The uncontrollable growth of the cells in organs and tissues has a dubious origin, goes through resistance and recurrence, reaching metastasis and death. The complete cure of cancer remains a major scientific challenge. Several medicinal chemistry studies report different approaches using these compounds in drug discovery, that comprises synthesis, semi-synthesis, searches for new targets, evaluation of biological activities, and/or theoretical approaches as structure-based approaches, SAR, QSAR, docking and cheminformatics methods. The objective for this thematic issue is to report recent studies against neglected diseases and the enzymatic targets used for the treatment or cure of this disease.

Keywords cancer, enzymatic target and Drug development

Subtopics:

The subtopics to be covered within this issue are listed below:

- Therapeutic and diagnostic applications of drugs
- Computational approaches for the drug development
- Targeting and delivery

Schedule:

- ✧ Manuscript submission deadline: 1st February 2023
- ✧ Peer Review Due: 1st May 2023
- ✧ Announcement of acceptance by the Guest Editors/ Submission of the issue: 30 May 2023

Contacts:

Luciana Scotti (Guest Editor)

Federal University of Paraíba, Campus I; 58051-970, João Pessoa, PB, Brazil.

E-mail: luciana.scotti@gmail.com

<https://www.researchgate.net/profile/Luciana-Scotti>

orcid.org/0000-0003-1866-4107

Marcus Tullius Scotti (Co-Guest Editor)

Federal University of Paraíba, Campus I; 58051-970, João Pessoa, PB, Brazil.

E-mail: mtscotti@gmail.com; mtscotti@ccae.ufpb.br

<https://www.researchgate.net/profile/Marcus-Scotti>