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Special Issue

DEVELOPMENT OF BIO-ACTIVES AND THEIR ADVANCED CHARACTERIZATION FOR THERAPEUTIC APPLICATIONS

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AIM AND SCOPE

The aim of this special issue is to present articles on Bioactive compounds and advanced techniques for their characterization. Advances in nanotechnology, surface science and physical and analytical chemistry have been instrumental in providing new, sophisticated tools for probing bio-active materials and their biointerfacial properties. These analytical techniques are helping the scientific community to gain deep understanding of the behavior of novel biological materials, biointerfaces and their surface characteristics. The results are enabling new insights into biosynthesis processes, biomolecular interactions and helping develop important therapeutic applications.

Keywords: biomaterial; nanotechnology; biosynthesis; characterization; biointerface; therapy

SUBTOPICS

1	Bioactive compound synthesis/extraction	4	Therapeutics
2	Functionalization of biomolecules	5	Analytical techniques
3	Tissue engineering application	6	Bio-active molecule characterization

SCHEDULE_

Manuscript submission deadline	July 15, 2014
Peer Review Due	October 30, 2014
Revision Due	November 30, 2014
Notification of acceptance by the Guest Editor	December 15, 2014
Final manuscripts due	January 30, 2015

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