

Special Issue on
Analysis of Food Bioactive Compounds

CALL FOR PAPERS

Food is a complex matrix, with the fruits and vegetables still in their fresh form continuously tending to change the bioactive compounds present in them till the time they respire, due to their continuous synthesis. The bioactive compounds are linked with various health benefits and the fact that they are natural and not chemically synthesized in the lab has led to their increased consumption by the consumers. For the past several decades, there has been rapid advent in analytical technologies which are gaining momentum in food science, especially in food bioactives that have potential nutraceutical applications and functional food development. The functional food market, due to increased consumers' awareness, is to grow by 25% in 2017 with total market value of 54bn US dollars. And the search for the best analytical methods in food bioactive components will continue. In the present special issue bioactive compounds from food which are also referred to as phytochemical, that is, plant secondary metabolites, which upon consumption of the food source could reduce risks of degenerative diseases would be covered.

This issue aims to address all aspects of analytical methods used from simple colorimetric method to advanced spectroscopic methods (mass spectrometry, NMR spectroscopy). We invite investigators to submit original research articles and reviews to this special issue.

Potential topics include but are not limited to the following:

- ▶ The analysis of bioactive compounds found in food:
 - ▶ Polyphenols
 - ▶ Alkaloids
 - ▶ Sugars, protein, amino acid, and peptides
 - ▶ Glucosinolates, polyacetylenes, carotenoids, terpenes, and so forth

Authors can submit their manuscripts through the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/ijac/afbc/>.

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

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Submission Deadline

Friday, 2 June 2017

Publication Date

October 2017