FOOD BIOSCIENCE

AUTHOR INFORMATION PACK

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DESCRIPTION

Food Bioscience is a peer-reviewed journal that aims to provide a forum for recent developments in the field of **bio-related food** research. The journal focuses on both fundamental and applied research worldwide, with special attention to **ethnic** and **cultural** aspects of food bioresearch. Topics covered in the journal include but are not limited to:
Biochemical, biophysical and biological **properties of foods**, ingredients, and components Mechanism of **functional foods** and ingredients including both novel and traditional fermented foods Genetic, and cellular and molecular biology germane to **food production** and **processing** **Foodomics**: comprehensive studies involving genomics, proteomics, metabolomics, nutrigenomics and chemogenomics of foods and their interactions with humans **Biomaterials** for food-related systems such as food packaging, food analysis, and delivery of nutraceuticals and functional food additives Application of novel **technology** to foods.

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GUIDE FOR AUTHORS

INTRODUCTION

Description

Food Bioscience is a peer-reviewed academic journal publishing original research articles, reviews, and commentaries concerning the latest development in multidisciplinary areas in food science, with an emphasis on the mechanistic studies of food quality and stability at the molecular and cellular levels. Manuscripts with innovative ideas and/or approaches that bring together different fields will receive special priority. In addition, we also address up-to-date research highlights, news and views, and commentaries covering research policies and funding trends. All research and review articles are subject to strict peer review organized by the journal, and final acceptance or rejection decision resides with the Editor-in-Chief of *Food Bioscience*.

Aims and scope

Food Bioscience is a peer-reviewed journal that aims to provide a forum for recent developments in the field of bio-related food research. The journal focuses on both fundamental and applied research worldwide, with special attention to ethnic and cultural aspects of food bioresearch. Topics covered in the journal include but are not limited to:

(1) Biochemical, biophysical and biological properties of foods, ingredients, and components

(2) Mechanism of functional foods and ingredients including both novel and traditional fermented foods

(3) Genetic, and cellular and molecular biology germane to food production and processing

(4) Foodomics: comprehensive studies involving genomics, proteomics, metabolomics, nutrigenomics and chemogenomics of foods and their interactions with humans

(5) Biomaterials for food-related systems such as food packaging, food analysis, and delivery of nutraceuticals an d functional food additives

(6) Application of novel technology to foods. Articles relating only to structural identification and characterization of bioactive compounds without biofunctional data will not be published in *Food Bioscience*.

Articles reporting the following will not be published in Food Bioscience:

o Structural identification and characterization of bioactive compounds without biofunctional data

o Direct medical claims and/or clinical studies: therapeutic application of food compounds/isolates for treatment, cure or prevention of human diseases

o Processing/engineering without any chemistry

o Pharmaceutical, herbal, and traditional or folk medicines that are not consumed as foods

o Survey/surveillance data.

Article types

Submissions of the following types of articles are invited: short communications, mini-reviews, reviews (after discussion with the editors), and research articles. In addition, the journal will also present up-to-date research highlights, news and views, and commentaries covering food research and policy.

(1) Research Articles are a contribution describing original research, including theoretical expositions, extensive data and in-depth critical evaluation, and are peer reviewed. The total length of a manuscript excluding the abstract, acknowledgements, figures, tables and references must not exceed 6000 words.

(2) Review Articles and Mini-reviews are encouraged for giving an in-depth overview of a specific topic. The format and length of review papers are more flexible than for a full paper. There is a 6,000 word limit for Mini-reviews and a 10,000 word limit for Review Articles under normal circumstances. Authors may make a case to the editor if they believe there is justification for a longer length for these submissions. All review papers will be fully peer reviewed.

(3) Short Communications are for concise, but independent reports representing a significant contribution to food science and engineering, not as mechanism to publish preliminary results. Only if these results are of exceptional interest and are particularly topical and relevant will they be considered for publication. A Short Communication should be no more than 3000 words, and could include up to four figures or tables. It should have at least 8 references. Short communications will be fully peer reviewed.

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Review process

A peer review system involving two or three reviewers is used to ensure high quality of manuscripts accepted for publication. The Editor-in-Chief and Editors have the right to decline formal review of the manuscript when it is deemed that the manuscript is 1) on a topic outside the scope of the Journal, 2) lacking technical merit, 3) focused on foods or processes that are of narrow regional scope and significance, 4) fragmentary and provides marginally incremental results, or 5) is poorly written.

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The abstract shall be under 250 words (as counted by Word). The abstract should state briefly the purpose of the research, the principal results and major conclusion. An abstract is often presented separately from the article, so it must be able to stand alone. Also, abbreviations should be avoided, but if essential they must be defined at their first mention in the abstract itself.

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In this section, provide an adequate background, explain the importance of the research, and state the objectives of the work, avoiding a detailed literature survey or a summary of the results. The literature reviewed should be DIRECTLY RELEVANT to the work presented.

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**Note: The format of "x g" is the correct format for this journal.

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**Note that both company (Co.) and limited (Ltd.) can be abbreviated. Also for *Food Bioscience*, the temperature in Celcius appears with a degree sign (a superscripted small "O") and no space between the number and the degree sign.

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UnitSymbolQuantitymeter (metre)mLengthkilogramkgMasssecondsTimeampereAElectric currentkelvinKThermodynamic temperaturemolemolAmount of substancecandelacdLuminous intensity**SI Supplementary Units**radianradPlane angle (2D angle)steradiansrSolid angle (3D angle)

SI derived units

1**UnitSymbolIn SI unitsQuantityMechanics**pascalPakg m^{-1} s^{-2}Pressure, StressjouleJkg m^{2} s^{-2}Energy, Work, HeatwattWkg m^{2} s^{-3}PowernewtonNkg m s^{-2}Force, Weight**Electromagnetism**teslaTkg s^{-2} A^{-1}Magnetic FieldhenryHkg m^{2} s^{-2} A^{-2}InductancecoulombCA sElectric ChargevoltVkg m^{2} s^{-3} A^{-1} VoltagefaradFkg^{-1} m^{-2} s^{4} A^{2}Electric CapacitancesiemensSkg^{-1} m^{-2} s^{3} A^{2} Electrical ConductanceweberWbkg m^{2} s^{-2} A^{-1}Magnetic FluxohmΩkg m^{2} s^{-3} A^{-3}Electric Resistance**Optics** luxlxcd sr m^{-2}Illuminancelumenlmcd sr Luminous Flux**Radioactivity**becquerelBqs^{-1}RadioactivitygrayGym^{2} s^{-1}Absorbed Dose sievertSvm^{2} s^{-1}Equivalent Dose **Other**hertzHzs^{-1}Frequencykatalkatmol s^{-1}Catalytic Activity

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http://www.eblex.org.uk/news/Halal-report.aspx (accessed May 2011).

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