FOOD BIOSCIENCE

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 and 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:

- Structural identification and characterization of bioactive compounds without biofunctional data
- Direct medical claims and/or clinical studies: therapeutic application of food compounds/isolates for treatment, cure or prevention of human diseases
- Processing/engineering without any chemistry
- Pharmaceutical, herbal, and traditional or folk medicines that are not consumed as foods
- 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.

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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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Table requirements

(1) Supply units of measure at the heads of the columns. Abbreviations that are used only in a table should be defined in the footnotes to that table.

(2) Should always use rows and columns to correlate two variables. Tables should be submitted single-spaced with appropriate open space in Word. Do not embed tables as graphic files, document objects, or pictures.

(3) Tables should have three “major” horizontal lines: one under the legend, one under the column heads, and one below the body. Vertical lines are generally not used.

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Graphs should be practically self-explanatory. Readers should be able to understand them at a glance. Dimensional drawings and diagrams should include only the essential details and as little lettering as possible. They should present more of a picture than a working drawing. If there is a need to present a construction drawing, please consult with the editor ahead of time.

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Biological system, given the challenges of sampling, should not have data presented to more than 3 significant figures. Although probably not justified, computer generated statistical data may be presented to 4 significant figures, although 3 are just fine. The “zero” can be ambiguous on the integer side but the use of a decimal point suggests all figures are significant (i.e., 3,550 can be three or four significant figures, but 3.550 suggest four significant figures. Certainly any zero after the decimal point has to be significant).

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E.g., 1 revolutions per minute is equal to 0.0167 hertz

Concentration: mol/l

**SI base units**

<table>
<thead>
<tr>
<th>Unit</th>
<th>Symbol</th>
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<tr>
<td>meter (metre)</td>
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**SI Supplementary Units**

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<th>Unit</th>
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<td>radian</td>
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<td>Plane angle (2D angle)</td>
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<tr>
<td>steradian</td>
<td>sr</td>
<td>Solid angle (3D angle)</td>
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**SI derived units**

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<thead>
<tr>
<th>Unit</th>
<th>Symbol</th>
<th>Quantity</th>
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</thead>
<tbody>
<tr>
<td>pascal</td>
<td>Pa</td>
<td>Pressure, Stress</td>
</tr>
<tr>
<td>joule</td>
<td>J</td>
<td>Energy, Work, Heat</td>
</tr>
<tr>
<td>watt</td>
<td>W</td>
<td>Electric power</td>
</tr>
<tr>
<td>newton</td>
<td>N</td>
<td>Force, Weight</td>
</tr>
<tr>
<td>tesla</td>
<td>T</td>
<td>Magnetic Field</td>
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<tr>
<td>henry</td>
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<td>Inductance</td>
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<tr>
<td>coulomb</td>
<td>C</td>
<td>Electric capacitance</td>
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<td>ampere</td>
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<td>Ω</td>
<td>Electric Resistance</td>
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<td>Hz</td>
<td>Frequency</td>
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<tr>
<td>kat</td>
<td>kat</td>
<td>Catalytic Activity</td>
</tr>
</tbody>
</table>
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