Abstract Guidelines

The 13th Poster Presentation of Science and Technology

BNU-HKBU United International College

The abstract must be prepared in **A4 format** (297 x 210 mm) with **25 mm margins** (including top & bottom and left & right). The manuscript file must be in an editable format, **preferably Microsoft Word. PDF files are not allowed.** **Times New Roman** should be used for the entire document.

The **title** of the contribution should be centred and written in bold script, font size **14 pt**. This should be followed by a **12 pt space** before the author’s/authors’ name(s). The name(s) should be centred, written in **12 pt, normal script** and given in the following order: Initials of given name, and surname. Author names and affiliations should be linked with corresponding superscript Arabic numerals. After the name(s) there should be a 12 pt space before the affiliation list. Affiliations should be centred, written in **10 pt italic script**, and include at least the name of the institution, city and country. Only one author (if more than one authors) will be corresponding author. The corresponding author should be marked by an asterisk (\*). E-mail and telephone number for the corresponding author must be given.

There should be a **24 pt vertical space** before the main body of the abstract. The **body text** should be single spaced and fully justified, in 12 pt, normal script, with paragraphs separated by a 12 pt space. **No headings** or subheadings should be used in the abstract. All texts should be written in **good English.** Thegrammar and spelling should be checked with the **approval from the corresponding supervisors before submission**. **No figures, tables, equations or references** should be included. **Abbreviations** and acronyms must be **clearly defined**.

The abstract should be between **200** and **300** words, **excluding the title, keywords, authorships and affiliations**, and must not exceed one page. The abstract should clearly state the objectives, methodology, and significant results, with concise conclusions or recommendations included.

**Keywords:**The main body of the text is to be followed by the **keywords.** There should be a 24 pt space between the main body of the abstract and the keywords. At least one keyword and a maximum of five keywords must be given. Keywords should be in **12 pt script, italicized, and separated by commas**. The first letter of each keyword or keyword phrase should be capitalized.

**References:** **References** should not be included in the abstract. References should be included in the poster. If references are included in the poster, they should follow the American Psychological Association (APA) format.

**Important information to students and supervisors: Please pay attention to the format as outlined in bold in the above guidelines. A template and a sample abstract are provided below to help you prepare the abstract. Proper English language MUST be used in the submitted abstract. The committee reserves the right to return the submitted abstracts to the students and/or their supervisors to be amended if the format or English are not acceptable. Alternatively, the abstract may be rejected if the format and the language are considered unacceptable.**

The deadline for submission of the final abstract to each programme representative is 5:00 pm on **2nd March 2025**.

The **following** **template** is recommended for preparation of the abstract.

**A Comparative Study on Health Beneficial Components and Antioxidant Activities of Commercial Fermented Soy Products Marketed in China**

L. Xu\*, X.L. Chen, W.W. Chen

Supervisor: Prof. B.J. Xu

Food Science and Technology Programme, Faculty of Science and Technology, BNU-HKBU United International College

\* Corresponding student author. E-mail: f031300047@mail.uic.edu.cn

Fermented soy products have been proved to have more bioactive components with significant increase of antioxidant profiles as compared to the unfermented raw soybeans. The objectives of this study were to systematically assess bioactive substances, and to get the overall antioxidant conception on commercial fermented soy products. Results showed that both total phenolic content and total flavonoids content increased significantly after fermentation as compared to raw soybean. Among all the samples, douchi and fermented black bean sauce were detected with the highest antioxidant profiles. Results in isoflavone analyses suggested that there was an obvious trend of conversion of 7-O-*β*-glucoside and 6"-*O*- malonylglucoside form isoflavones in raw soybean into aglycone form isoflavones in fermented soy products. The highest daidzein and genistein values were found in “Yangfan” black bean douchi as 860.3 μg/g and 1025.9 μg/g, respectively. Most abundant subtotal aglycone content was also detected in “Yangfan” black bean douchi (1986.9 μg/g). Proportion of essential amino acids in fermented soy products were also improved in most fermented soybean products. Most abundant free amino acids were found in “Liubiju” dry yellow soybean paste (10.0 mg/g) and “Yangfan” black bean douchi (15.2 mg/g). Douchi and black bean fermented products are recommended for consumption due to their high antioxidant profiles and abundant bioactive substances.

**Keywords**: *Fermented soy products*, *Antioxidants*, *Phenolics*, *Isoflavones*, *Aglycones.*

A Template for Abstracts to be Submitted to the 11th Poster Presentation of Science and Technology

A.B. Surname of 1st author 1,\*, C.D. Surname of 2nd author 2, E.F. Surname of 3rd author 1

Supervisor: Dr./Prof. A.B. Surname

1 Programme 1, Faculty of Science and Technology, BNU-HKBU United International College

2 Programme 2, Faculty of Science and Technology, BNU-HKBU United International College

\* Corresponding student author. E-mail: [corresponding author@uic.edu.hk](mailto:corresponding%20author@uic.edu.hk)

The abstract must be prepared in A4 format (297 x 210 mm) with 25 mm margins. The manuscript file must be in an editable format, preferably Microsoft Word. The submission of PDF file is not allowed. Times New Roman should be used for the entire document. The title of the contribution should be centred and written in bold script, font size 14 pt. This should be followed by a 12 pt space before the author’s/authors’ name(s). The name(s) should be centred, written in 12 pt, normal script and given in the following order: Initials of given name, and surname. Author names and affiliations should be linked with corresponding superscript Arabic numerals. After the name(s) there should be a 12 pt space before the affiliation list. Affiliations should be centred, written in 10 pt italic script, and include at least the name of the institution, city and country. The corresponding author, the author who will present the poster, should be marked by an asterisk (\*). E-mail and telephone number for the corresponding author must be given.

There should be a 24 pt vertical space before the main body of the abstract. The body text should be single spaced and fully justified, in 12 pt, normal script, with paragraphs separated by a 12 pt space. No headings or subheadings should be used in the abstract. We expect all texts to be written in good English and that grammar and spelling have been checked before submission. No figures, tables, equations or references should be included. Abbreviations and acronyms must be clearly defined. The abstract should be minimum 200 words and maximum of no more than 300 words, and must not exceed one page. The abstract should clearly state the purpose of the work, methodology, significant results, with concise conclusions or recommendations included. The main body of the text is to be followed by the keywords, with a 24 pt space between. At least one keyword and a maximum of five keywords must be given. Keywords should be in 12 pt script, italicized, and separated by commas. The first letter of each keyword or keyword phrase should be capitalized.

**Keywords**: *Abstract template, Post exhibition, Submission (max.5 words).*