DESCRIPTION

FBP aims to be the principal international journal for publication of high quality, original papers in the branches of engineering and science dedicated to the safe processing of biological products. It is the only journal to exploit the synergy between biotechnology, bioprocessing and food engineering.

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- Primarily concerned with food formulation
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- Concern the extraction, encapsulation and/or antioxidant activity of a specific biological material without providing insight that could be applied to a similar but different material,
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- Bioprocess modelling and optimisation
- Bioseparation
- Fermentation and cell culture
• Bioreactor design, instrumentation and control
• Microbial physiology and engineering metabolic
• Production formulation
• Sterile processing
• Systems biology and biological engineering
• Nanobiotechnology

Food and drink process engineering

• Engineering for food safety
• Environmental issues in food manufacture
• Minimal processing techniques
• Packaging
• Plant, process and product design
• Processing and microstructure interactions
• Unit operations, process modelling and optimisation in food engineering

Hygienic manufacture and product safety

• Fouling and cleaning
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• Hazard analysis
• Heating and cooling methods, including freezing, pasteurisation and thermal sterilisation
• Hygienic design
• Non-thermal processes
• Process analytical technology (PAT)
• Regulation and validation.

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