

Special Issue

Pulse Electric Field in Liquid Food Processing and Extraction

Message from the Guest Editors

The German Institute of Food Technologies (DIL e.V.) and the University of Applied Sciences Osnabrück are hosting the 5th PEF school. The course is an opportunity to learn about the latest developments in PEF applications for food and biotechnology from the people that practice it every day. Over the course the participants will partake in lectures about fundamentals of PEF technology and its applications. Practical courses and excursions to our industry partners will complete the PEF school program. This Special Issue would like to draw attention and focus on applications of pulsed electric fields (PEF) in beverages processing, in sustainable beverages processing, extraction of bioactives from fruit and vegetables and also to application of PEF in extraction in terms of increasing bioavailability and bioaccessibility in for human health. Topics will focus on, but are not limited to:

- PEF in juice preservation
- PEF in sustainable juice production
- PEF in extraction of bioactives from fruit and vegetables
- Industrial requirements for implementation

Guest Editors

Prof. Dr. Anet Režek Jambrak

Faculty of Food Technology and Biotechnology, University of Zagreb,
Pierottijeva 6, 10000 Zagreb, Croatia

Dr. Claudia Siemer

Elea GmbH, German Institute of Food Technologies (DIL e.V.), Germany

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
beverages@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Edgar Chambers IV
Center for Sensory Analysis and Consumer Behavior, Kansas State
University, Manhattan, KS 66506, USA

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indexed within Scopus, ESCI (Web of Science), FSTA,
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Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 24.1 days after
submission; acceptance to publication is undertaken in 6.6
days (median values for papers published in this journal in
the first half of 2025).