

## Special Issue

# Recent Advances in Biodegradable and Edible Biopolymer-Based Films

### Message from the Guest Editors

Plastic films produced from nonrenewable resources have an increasing and concerning environmental impact worldwide, giving rise to the study of green alternatives, such as edible or biodegradable films and coatings synthesized from biopolymeric materials derived from renewable and biodegradable sources. These studies, which began in the first half of the last century, have aimed to fulfill different objectives, from the evaluation of film properties to the development of smart active films. With this view in mind, this Special Issue aims to present the latest advances in biodegradable and edible biopolymeric-based film and coatings, such as new biopolymeric materials from nontraditional commercial sources; new synthesis approaches; the inclusion of active and bioactive compounds or additives in food products; the human body's response to functional compounds; measuring the biodisponibility or bioaccessibility of added components; the shelf-life of food products coated with edible films; and new technologies involved in the production of smart active films.

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### Guest Editors

Prof. Dr. Georgina Calderon Dominguez

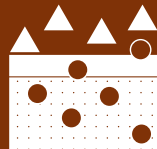
Dr. Monserrat Escamilla-García

Dr. Mayra C. Chalapud

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### Deadline for manuscript submissions

closed (25 November 2023)



## Membranes

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## About the Journal

### Message from the Editor-in-Chief

You are cordially invited to contribute a research article or a comprehensive review for consideration and publication in *Membranes* (ISSN 2077-0375). *Membranes* is an international, peer-reviewed open access journal of membrane technology published monthly online by MDPI. The journal covers the broad aspects of the science and technology of both biological and non-biological membranes, including membrane dynamics and the preparation and characterization of membranes and their applications in water, environment, energy, and food industries. Articles contributing to better understanding of transport processes in all types of membranes are also welcome. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

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