Special Issue

Wine Electrochemistry: Science, Technology and Industry

Message from the Guest Editors

This Special Issue of the Electrochemistry Section of the journal *Molecules* welcomes original research and timely review articles on wine electrochemistry science, technology, and industry, and we invite authors to submit manuscripts focused on, but not limited to, the following topics:

- Fabrication of sensors with microelectronic technology;
- Obtention of biosensors with enzymatic membranes;
- Electrochemical assessment of biosensor response characteristics;
- Fabrication of flow systems with low-cost and fast prototyping polymers;
- Microanalytical flow systems for monitoring concentration and acetic acid concentration in wines;
- Microanalytical flow systems for monitoring the malolactic fermentation process in red wines;
- Multiparametric system based on an electronic tongue for the analysis of wine;
- Linear discriminant analysis and partial least-squares regression.

Guest Editors

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Deadline for manuscript submissions

closed (31 October 2025)



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About the Journal

Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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