

Special Issue

New Trends in Wine Analysis and Production

Message from the Guest Editors

Changes in consumer preferences as well as climate and technological advances have led winemakers and researchers to constantly evolve winemaking practices and analysis techniques in order to differentiate their wines. New trends include, but are not limited to, the following: the use of grape-sorting machines, advanced oxygen-free presses; climate adaptation strategies; the use of online sensors, smart tanks, and AI, machine learning, and data analytics; new enzymes; immobilization.

Regarding wine analysis, Fourier-Transform Infrared (FTIR) and Near-Infrared (NIR) spectroscopy, Nuclear Magnetic Resonance (NMR), and elemental analysis with atomic spectrometry—as well as various new methods and protocols in HPLC, GC, and olfactometry (including eNose/eTongue), advances in molecular biology and Next-Generation Sequencing (NGS)-based methodologies, as well as new sensory analysis techniques like the Saliva Precipitation Index (SPI) are also among the new trends in this field.

We are pleased to invite you to contribute to this Special Issue, which will explore the new trends being studied and tested in wine analysis and production. We look forward to receiving your contributions.

Guest Editors

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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