



## Progress in Enzyme Sensing Technology

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### Message from the Guest Editor

Enzymes are catalytic proteins that play a major role in metabolic activity, the regulation of cell processes, and the performance of crucial cell activities. Abnormal levels of enzymatic activity or expression can cause different diseases. Additionally, pathogens such as bacteria and viruses use enzymes to cause infection. Therefore, it is crucial to detect enzyme activity for disease and infection diagnostics using sensing tools.

This Special Issue aims to discuss various advances in the sensing technologies, approaches, and techniques used to monitor enzyme activity. Focus is not limited to the type of enzyme used; we also invite the contribution of perspectives or reviews regarding progress in approaches to monitoring enzymatic activity.

### Keywords

- enzyme biosensing
- metabolic labelling
- label-free detection
- electrochemistry
- sensor design





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