

Special Issue

Thin Film Biosensing

Message from the Guest Editors

In healthcare industry, biosensors are becoming efficient tools that are able to improve the everyday life of patients thanks to point-of-care monitoring. Other fields of application involve food safety and security, agriculture, and environmental monitoring. The biosensor market is estimated at \$13 billion annual turnover, but glucose biosensors represent the 85% of the sale volume. For these reasons, new research efforts should be devoted to extending the applications of these devices to the reliable detection of other compounds. The most common biosensors exploit a biological element entrapped in a thin film as a transduction element.

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