Special Issue

The Applications of Novel Nanobiosensors and Nanocarriers

Message from the Guest Editor

The development of nanobiosensors with the latest technology is one of the most recent successful advancements in the field of science and technology. Research on optical nanobiosensors has advanced the accurate measurement of the binding, separation, and migration of small molecules in cells. Using the unique properties of nanomaterials, it is possible to develop sensitive nanobiosensors. Research related to nano biosensors has been committed to the development of nanomaterial-based sensors that are not only sensitive and fast, but also inexpensive, powerful and reproducible. Novel nanobiosensors will continuously advance the future of disease diagnosis. This Special Issue will highlight the current state-of-the-art technologies for the development of novel nanobiosensors as well as the most up-to-date technologies for employing nanobiosensors to the disease diagnosis. Novel methods would also suggest prospects for optimizing techniques to achieve precise control and engineering of nanobiosensors. This Special Issue will collect a series of research articles and review papers on these topics.

Keywords: Nanobiosensors; Sensors; Sensitivity; Detection; Diagnosis

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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.

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