



## Nanoparticles for Diagnosis and Therapies

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Deadline for manuscript  
submissions:

**closed (31 December 2020)**

### Message from the Guest Editor

Dear Colleagues,

In recent years, significant progress has been made in the design of nanoparticles for the detection and treatment of disease. These include nanoparticles for the detection and treatment of cancer and cardiovascular disease, which are two of the biggest killers of people in the world. Nanoparticle structures have also been developed for the specific targeting of poverty-related diseases (PRDs) that are often found in the developing world. These will be explored in this Special Issue, which will include contributions by researchers with diverse backgrounds in chemistry, physics, biology, materials science and engineering.

This research will explore new frontiers in the design of nanoparticle structures that can target specific receptors on the surfaces of diseased cells, tissues and organs. The papers will also consider the interactions between nanoparticles and receptors on the surfaces of diseased cells, as well as the effects of localized release by drug/nanoparticle systems. The implications of the studies will also be discussed for applications in disease detection and treatment.

Prof. Dr. Winston Wole Soboyejo

*Guest Editor*





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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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