

## **Special Issue for Recent patents on Nanomedicine**

*Guest Editor(s): Dr. Ning Gao & Jianye Li*

### **TITLE: The applications of nanomaterials in cancer diagnosis and therapy**

#### **Aims & Scope:**

The journal is aimed to enrich the understanding of researchers who are working in the related fields and help them quickly obtain an overview of the most recently issued patents. In the section of cancer diagnosis, in addition to summarizing various nanodiagnostic sensors, surface functionalization and device fabrication presented in recent patents are introduced. Involved diagnosis sensors in this issue should include fluorescence, nanoelectronic, imaging, etc. In the section of cancer therapy, a wide range of cancer treatment approaches, such as nanomaterial-related photodynamic therapy, photothermal therapy, hyperthermia therapy and drug delivery, are discussed. In addition, different delivery compounds of cancer treatment including small molecules, DNA/RNA and proteins, are also brought to this issue.

#### **Key words:**

Cancer; diagnosis; therapy; patents; novel approaches

#### **Subtopics:**

Inorganic nanoparticles for in vitro cancer diagnosis

Application of nanomaterial for cancer treatment: recent patents review

Novel nanotechnology approaches for targeted cancer therapy

Advances in nanomaterials for diagnosis and therapy of leukemia

#### **Schedule:**

Manuscript submission deadline: October 31, 2013

Peer Review Due: November 30, 2013

Revision Due: December 31, 2013

Final manuscripts due: January 10, 2014