



DRESDEN, OCTOBER 6 – 7, 2011

# FUNCTIONAL NANOMATERIALS FOR MULTI-MODALITY CANCER IMAGING (NanoTracking)

The utilization of nanomaterials in medicine holds a promising potential in emerging applications of diagnostic imaging as well as the prospect of new capabilities for delivering therapies tailored and targeted for specific diseases.

The overall scientific goal of the Helmholtz Virtual Institute “NanoTracking” is directed towards the development of novel functionalized nanomaterials for application in the imaging of cancer via appropriate techniques, such as positron emission tomography (PET), magnetic resonance imaging (MRI), and fluorescence imaging. The major aims are to design tailor-made nanomaterials and to provide a deeper understanding of their interactions *in vitro* and *in vivo*.

We invite interested colleagues to participate in our kick-off meeting, to discuss the scope and recent progress in this fascinating field and stimulate more collaborative efforts.

**Registration:** [www.hzdr.de/nanotracking](http://www.hzdr.de/nanotracking)

Helmholtz-Zentrum Dresden-Rossendorf | Bautzner Landstr. 400 | 01328 Dresden

#### Scientific Committee:

- P. Comba (Heidelberg)
- K. A. Dawson (Dublin)
- L. De Cola (Münster)
- I. Lynch (Dublin)
- L. Spiccia (Melbourne)
- H. Stephan (Dresden)

#### Local Organizing Committee:

- H. Stephan (Chair)
- T. Brenner
- M. Kubel
- M. Kersten

**KICK-OFF MEETING**  
**HELMHOLTZ VIRTUAL INSTITUTE**

**Hzdr**

 **HELMHOLTZ**  
ZENTRUM DRESDEN  
ROSSENDORF