

**For immediate release**

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## **NANOSAFETY RESEARCH CONFERENCE TO TAKE PLACE IN STOCKHOLM**

**On the 9-10th November 2015, the “Systems Biology in Nanosafety Research” conference will be taking place at the Nobel Forum in Stockholm, Sweden.**

With engineered nanomaterials being used more and more often for everyday applications, exposure to them has naturally increased. As such, it is important that research is being done to explore the hazards presented by these materials. The conference in Stockholm will examine this topic through the presentation of key work from the European NANOSOLUTIONS consortium as well as from guest speakers from around the globe.

Systems biology, defined as the computational and mathematical modelling of complex biological systems, is increasingly being applied in the field of nanosafety research for observing and predicting the biological perturbations inflicted by exposure to engineered nanomaterials. The aim of the two-day meeting in Stockholm is to provide an overview of the state-of-the-art of systems biology approaches in nanosafety research.

Dr Olli Ikkala (Finland) will present the opening keynote lecture oriented towards material sciences and emerging nanomaterial applications. In the closing keynote lecture Dr Martin Philbert (USA) will focus on the increasing number and diversity of engineered nanomaterials, which necessitates more sophisticated approaches in toxicological testing.

The invited lectures with speakers from Europe, the US, Canada and China are organised into sessions covering transcriptomics, proteomics, epigenomics and metabolomics, and bioinformatics. The meeting is targeted at academic scientists with an interest in systems biology and nanosafety research, as well as representatives from nanotechnology related industries and regulatory agencies.

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