the innovation society

October 2016

Newsflash

Issues

Dear Sir or Madam,

welcome to our October newsletter!

Among other things, in this newsletter you learn more about the following topics:

- How nanotechnology can be used against cancer.
- How iron oxide nanoparticles can inhibit tumour growth.

Furthermore, the Institute of Work and Health (IAG) carries out an online survey about the DGUV nano portal. Participate!

Enjoy the reading and kind regards,

Christoph Meili & Nathalie Vonrüti

Online survey about the DGUV nano portal

The **DGUV nano portal** imparts basics on nanotechnology and nanomaterials and contains five nanoramas which illustrate the safe handling with nanomaterials. Currently, the Institute of Work and Health (IAG) carries out an online **survey** about the usage of the portal by the users and their opinion on the portal.

The survey is only available in German.

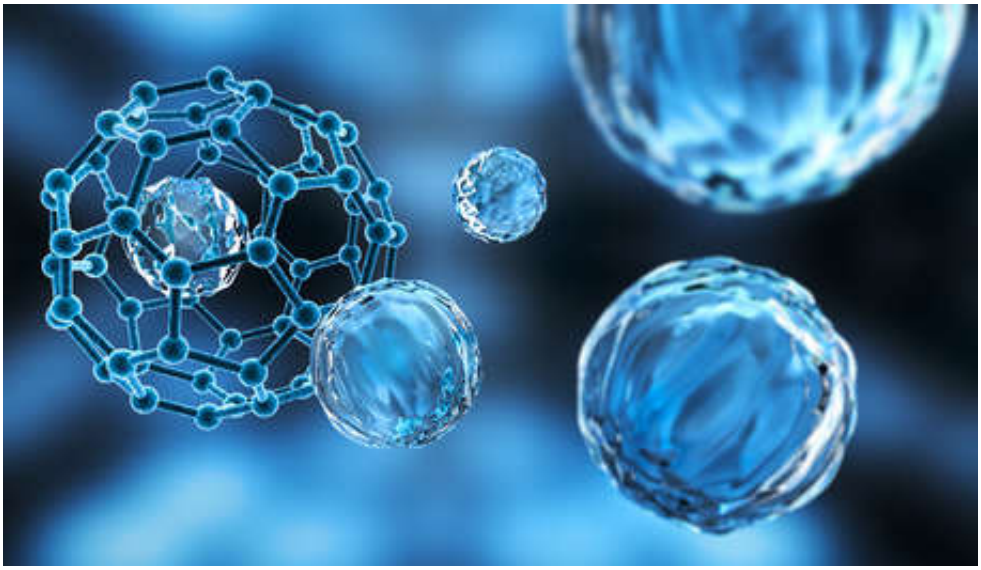
Read more

Nanotechnology Supports Treatment of Maligant Melanoma

Changes in the genetic make-up of tissue samples can be detected quickly and easily using a new method based on nanotechnology. This report researchers from the Swiss Nanoscience Institute, the University of Basel and the University Hospital Basel in first clinical tests with genetic mutations in patients with malignant melanoma. The journal Nano Letters has published the study.

Read more

The German federal cabinet adopts the action plan nanotechnology 2020



Since 2006, eight ministries have been charged with the task of publishing an action plan on nanotechnology at five year intervals. Within the interministerial steering group, led by the Federal Ministry of Education and Research, the ministries develop a common approach that pools strategies for action and fields of application for nanotechnology. The goal of the action plan is the safe and environmentally friendly production and usage of nanomaterials. At the same time, the international contestability of German research and manufacturers are intended to be strengthened.
The third Nanotechnology Action Plan 2020 was adopted by the Cabinet in autumn 2016.
Read more

Iron oxide nanoparticles inhibit tumour growth

The intravenous iron-replacement product ferumoxytol and other iron oxide nanoparticles are being used for treating iron deficiency, as contrast agents for magnetic resonance imaging, and as drug carriers. In a new study, for the first time, researchers from Stanford University have shown an intrinsic therapeutic effect of ferumoxytol on the growth of early mammary cancers

and lung cancer metastases in liver and lungs.

Read more

Copyright © 2016 Die Innovationsgesellschaft mbH, All rights reserved.

Phone: +41 71 278 02 05
Web: www.innovationsgesellschaft.ch

If you want to unsubscribe, please click here. If you want to change your preferences, please click here.