



March 2017

Newsflash

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Dear Sir or Madam

Welcome to our March newsflash of the Innovation Society, St. Gallen with the following News:

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- Position as Junior Project Manager consulting (in German)
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Enjoy the reading and kind regards,

The Innovation Society, St. Gallen

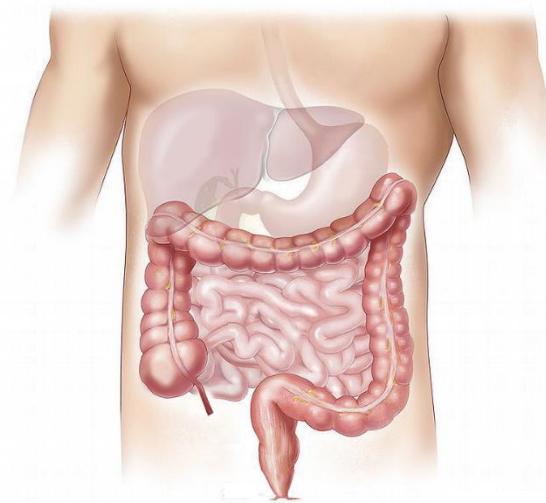
Nanoparticles as an opportunity for agriculture?



South Australian researchers are working on a number of novel uses for engineered nanoparticles including efficient fertilisers, agricultural ‘amendments’ and a unique way to clean-up contaminated land. Engineered nanoparticles are currently used in a range of industrial materials, such as ceramics and advanced polymers, and are also commonly used in the production of household materials, personal care products and clothing.

[Read article](#)

Titanium dioxide nanoparticles influence small intestine cells



Ingestion of titanium dioxide nanoparticles from products such as agricultural chemicals, processed food, and nutritional supplements is nearly unavoidable. The gastrointestinal tract serves as a critical interface between the body and the external environment, and is the site of essential nutrient absorption. The results of the study show with the help of a model, that intestinal epithelial cells are affected at a functional level by nanoparticles commonly ingested from food.

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Evaluation of nanorisk assessments tools



A recent study has evaluated frameworks and tools used in Europe to assess the potential health and environmental risks of manufactured nanomaterials. The study identifies a trend towards tools that provide protocols for conducting experiments, which enable more flexible and efficient hazard testing. Among its conclusions, however, it notes that no existing frameworks meet all the study's evaluation criteria and calls for a new, more comprehensive framework.

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Generating electricity from water vapor



Water evaporation is a fundamental force of nature that biological systems use to convert energy generated from the evaporation of water. Now researchers have shown that evaporation from the surface of nanostructured carbon materials can be used to generate electricity.

[Read article](#)

New nanotech coating makes fingerprints disappear



Say goodbye to those pesky fingerprints that blur your iPhone screen and sully your kitchen appliances: NBD Nanotechnologies has introduced a patented coating solution, InvisiPrint, that prevents fingerprint marks from showing up on glass and metal surfaces. While there are other products already out on the market that can clean fingerprints off of surfaces, there hasn't yet been one that prevents fingerprints altogether.

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Position as Junior Project Manager consulting (in German)



Sie sind eine initiativ, unternehmerisch denkende Persönlichkeit mit didaktischem Geschick und einem Flair für die Wissensvermittlung im Bereich neuer Technologien. Sie wollen Ihr Potential bei der Entwicklung unseres Kompetenzzentrums tatkräftig unter Beweis stellen. Als Junior Project Manager/in übernehmen Sie die Verantwortung und Leitung von Projekten im Ausbildungsbereich. Gleichzeitig unterstützen Sie die Geschäftsleitung bei der Durchführung von grösseren Mandaten und bei der Recherche

Stelleninserat

Position as Intern consulting (in German)



Zur Ergänzung unseres Teams im Geschäftsbereich Nanotechnologie/
Emerging Risks suchen wir eine/n Praktikantin / Praktikanten (100%) in
der Unternehmensberatung.

[**Stelleninserat**](#)

SimplyNano 2 courses



11.11.2017 SimplyNano 2 course at PH St. Gallen

29.11.2017 SimplyNano 2 course in Muttenz Basel

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