



the
innovation
society

October 2017

Newsflash

Issue

Breath instead of a
blood test

Brain damage in fish
affected by plastic
nanoparticles

Water treatment
scientists turn focus to
microplastics

EC consultations on
revising
recommendation on
definition of
nanomaterial

Dear Sir or Madam

Welcome to our October Newsflash of the Innovation Society,
St.Gallen with the following News:

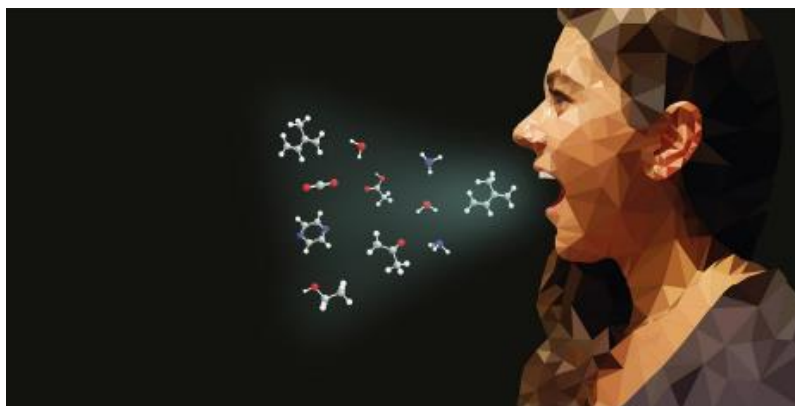
- Breath instead of a blood test
- Brain damage in fish affected by plastic nanoparticles
- Water treatment scientists turn focus to microplastics
- EC consultations on revising recommendation on definition of nanomaterial

Enjoy the reading and kind regards,

Christoph Meili

The Innovation Society, St. Gallen

Breath instead of a blood test



Please blow into the device. In the future, this will not only be the case during breathalyzer tests by the police, but also to check the training status in athletes that wage war against their love handles. With a sensor developed by researchers at ETH Zürich, those persons can now easily measure when their body begins to burn fat by simply analyzing their breath.

[Read article](#)

Brain damage in fish affected by plastic nanoparticles



A new study from Lund University in Sweden shows that plastic particles in water may end up inside fish brains. The plastic can cause brain damage, which is the likely cause of behavioural disorders observed in the fish.

[Read article](#)

Water treatment scientists turn focus to microplastics



Microplastics – plastic particles of less than 5mm diameter – are an issue of growing concern because they persist in the environment and can enter the aquatic food chain. This has made them a hot topic for research and an issue of mounting public interest.

[Read article](#)

EC consultations on revising recommendation on definition of nanomaterial



On September 15, 2017, the European Commission (EC) began a public consultation on the revision of the 2011 EC Recommendation on the definition of nanomaterial. The EC intended the definition to achieve consistent application of the term nanomaterial across all legislation. The definition includes descriptors that the EC intended to review by December 2014 to ensure that the definition corresponds to the needs. In particular, the review must examine issues where there was incomplete information at the time of adoption.

[Read article](#)

Copyright © 2017 Die Innovationsgesellschaft mbH, All rights reserved.

Sie erhalten diese E-Mail, weil Sie in unserem Newsletter-Verteiler eingetragen sind. You are receiving this email because you are signed up for our newsletter.

Contact

Die Innovationsgesellschaft mbH
Lerchenfeldstr. 5
St.Gallen 9014
Switzerland

[Add us to your address book](#)

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](#).