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Newsflash

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Dear Sir or Madam

Welcome to our November newsflash with the following news:

- Marine algae enabled to degrade plastic
- Bioplastic from waste fats
- Nanomesh for antibiotic delivery
- New REACH requirements for nanomaterials
- Break-resistant glass

Enjoy the reading and kind regards,

The Innovation Society, St.Gallen

Marine algae can digest plastic with help from a bacterial enzyme



The effort to clean the ocean might get a little help. A bacterial enzyme allows microalgae to degrade plastic litter in saline waters.

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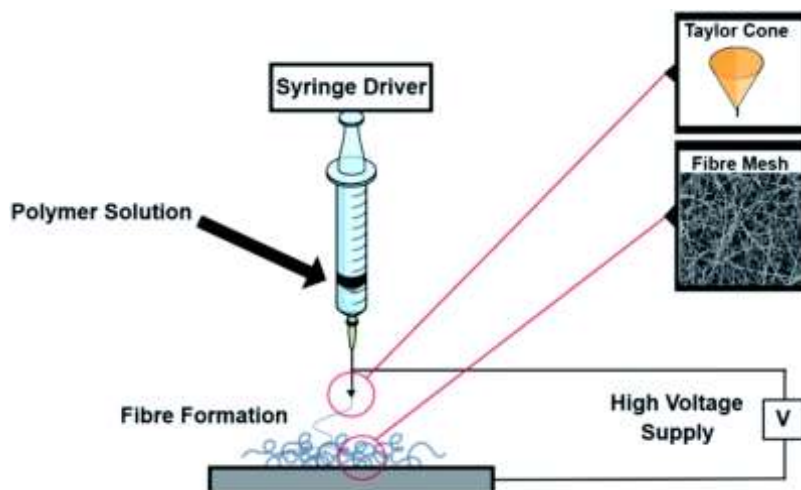
Alternative plastics from waste material



An amount of 450 million tons of plastic are produced worldwide every year. To keep control of our plastic situation, scientists are researching alternatives to petroleum-based plastics. PHA may be a possibility since it is malleable just like conventional plastics.

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Nanomesh for antibiotic drug delivery



The fight against global antibiotic resistance has taken a major step forward with scientists discovering a concept for fabricating nanomeshes as an effective drug delivery system for antibiotics.

[Read article](#)

Get ready for new REACH requirements for nanomaterials

30/10/2019 - IUCLID 6.4 is available
A new version of IUCLID is available to all users. It includes an extended and more complete web interface, as well as an update to the format.

21/10/2019 - What can you find in the next IUCLID version?
On 20 October, a new version of IUCLID will be made available to all users. It will include an extended and more complete web interface as well as an update to the format.

03/09/2019 - Visit the IUCLID support page and learn to use the IUCLID web interface
IUCLID is moving progressively to a web interface. On the occasion of the next IUCLID release, you can learn more about the new interface on a dedicated webpage.

24/04/2019 - The IUCLID 6 April release is available
This new version of IUCLID contains improvements to the web interface and the possibility to create EU Protein Centre notifications.

11/04/2019 - Webinar on the April release of IUCLID
A webinar on the April release of IUCLID will be held on 20th of April 2019, 13:00 - 14:30 Central time, a few days after the release, dot on 24th of April.

By January 1st 2020, companies must provide more information on nanomaterials on the EU market under the REACH regulation. ECHA encourages potential registrants to familiarize themselves with the new legal requirements and get ready.

[Read article](#)

New process could make glass less likely to break



If you've ever dropped your smartphone on a concrete floor, you know that dreaded feeling as you turn it over to see how badly the screen has cracked - but that stress may soon be a thing of the past. Researchers at Rensselaer Polytechnic Institute have discovered a way to make glass less brittle and less likely to break.

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