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Dear Sir or Madam

Welcome to our Januar newsflash with the following news:

- Tiny medicines in the environment
- New bandage material aids blood-clotting and doesn't stick
- Nanomedicine fast outpacing regulatory framework development – new JRC report
- Study finds salt nanoparticles are toxic to cancer cells
- This filter made of graphene can turn salt water to drinking water

Enjoy the reading and kind regards,

The Innovation Society, St.Gallen

Tiny medicines in the environment

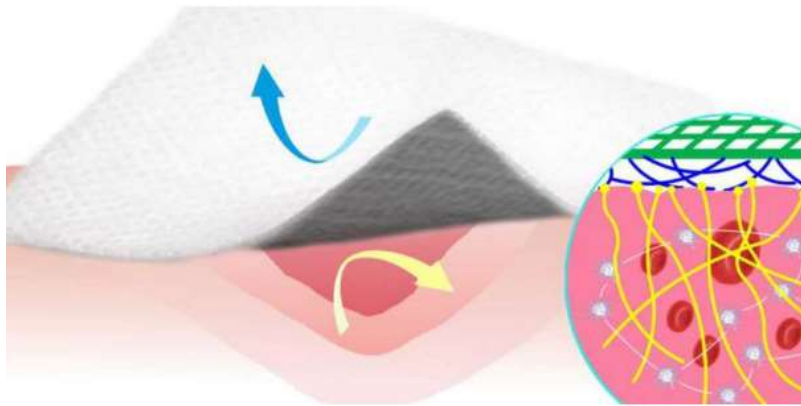


Nanomedicine is progressing rapidly. However, the tiny nanoparticles that are being researched as carriers for drugs

could in future find their way into water, soil and the air. Empa researchers are investigating possible risks.

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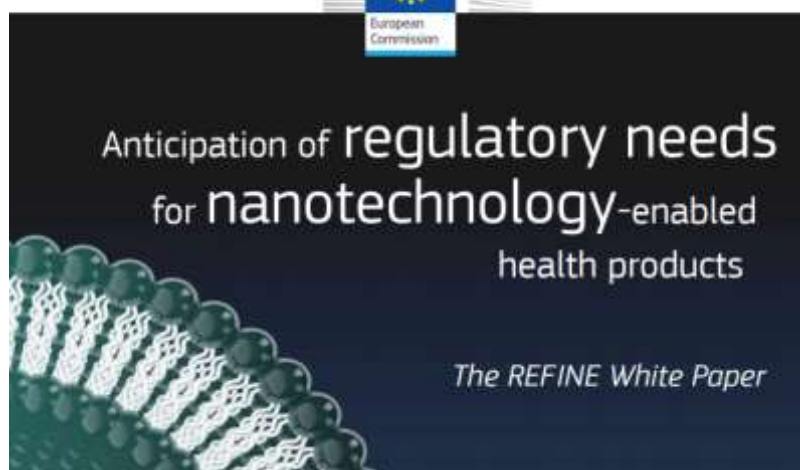
New bandage material aids blood-clotting and doesn't stick



Researchers at ETH Zurich and the National University of Singapore have developed a novel wound dressing that has a haemostatic effect and does not stick to the wound. This is the first time that the scientists have combined the two properties in one material.

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Nanomedicine fast outpacing regulatory framework development - new JRC report



The JRC has published a detailed report into the slow development of regulatory framework around nanomedicines, highlighting a common challenge in all emerging technologies, that science and applications accelerate far more quickly than the regulatory ecosystem in which they operate.

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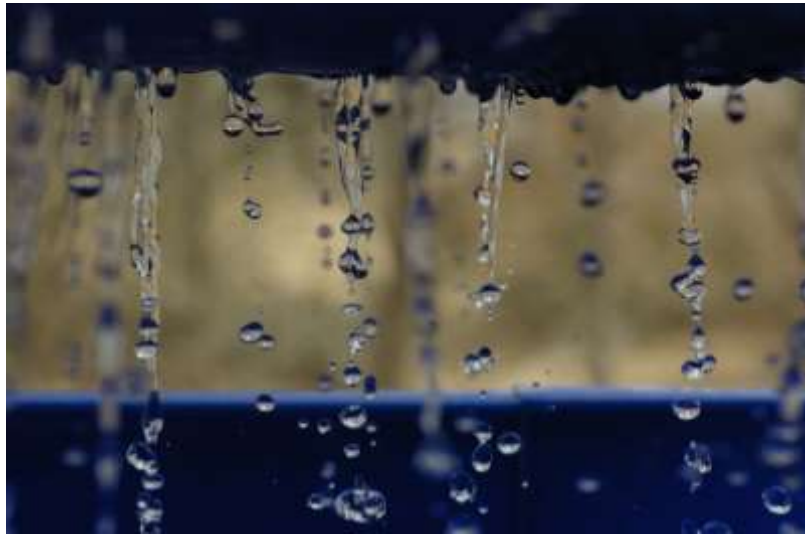
Study finds salt nanoparticles are toxic to cancer cells



A new study at the University of Georgia has found a way to attack cancer cells that is potentially less harmful to the patient. Sodium chloride nanoparticles – more commonly known as salt – are toxic to cancer cells and offer the potential for therapies that have fewer negative side effects than current treatments.

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Filter made of graphene can turn salt water into drinking water



A sieve from England causes a sensation: It uses a graphene oxide membrane to convert salt into drinking water. Without much effort. With a little luck, it is the miracle invention that saves humanity from water shortages.

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