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April 2018

# Newsflash

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## Dear Sir or Madam

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

- 500 nano experimental kits for schools in the canton of Aargau
- A DNA nanorobot functions as a cancer therapeutic in response to a molecular trigger in vivo
- Tissue paper sensors show promise for health care, entertainment, robotics
- Switzerland adopts new disclosure rules for synthetic nanomaterials

Enjoy the reading and kind regards,

Dr. Christoph Meili  
The Innovation Society, St. Gallen

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## 500 nano experimental kits for schools in the canton of Aargau

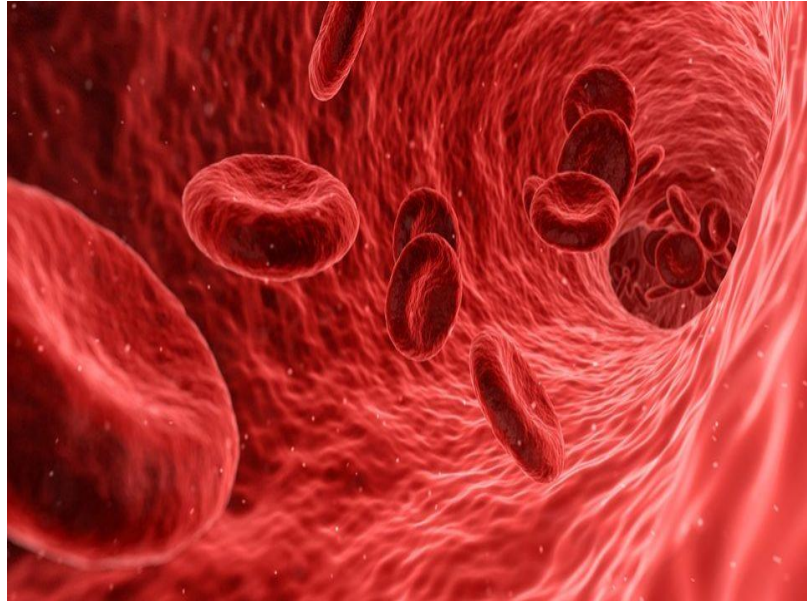


Brugg / Zürich. The new „SimplyNano 2“ experimental kit on nanotechnology will be available in all secondary schools in the canton of Aargau by autumn 2018. This is intended to get the students enthusiastic about science and technology and to contribute to the promotion of young talents in technology. The Aargau is the first canton in Switzerland to adopt this new learning medium for all schools throughout the canton. Other cantons are to follow.

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## **A DNA nanorobot functions as a cancer therapeutic in response to a molecular trigger in vivo**



In a major advancement in nanomedicine, Arizona State University scientists, in collaboration with researchers from the National Center for Nanoscience and Technology (NCNST) of the Chinese Academy of Sciences, have successfully programmed nanorobots to shrink tumors by cutting off their blood supply.

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## **Tissue paper sensors show promise for health care, entertainment, robotics**



UNIVERSITY *of* WASHINGTON

University of Washington engineers have turned tissue paper – similar to toilet tissue – into a new kind of wearable sensor that can detect a pulse, a blink of an eye and other human movement. The sensor is light, flexible and inexpensive, with potential applications in health care, entertainment and robotics.

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## Switzerland adopts new disclosure rules for synthetic nanomaterials



Schweizerische Eidgenossenschaft  
Confédération suisse  
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Eidgenössisches Departement des Innern EDI  
**Bundesamt für Gesundheit BAG**

Switzerland has adopted new disclosure obligations for some synthetic fibrous or tubular nanomaterials and intermediate chemical products. But it has dropped a proposed update to the definition of nanomaterials after negative feedback from industry.

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