



## New device could monitor anticoagulant treatments with to deliver personalized therapies

CIBER

Treatments with anticoagulants such as Sintrom® (acenocoumarol) face the difficulty of adjusting the drug doses. This device will allow patients to self-regulate the dose.

## Transitioning to GDPR compliance for MEnts

IMDEA Networks

SMOOTH project will provide expertise and resources to micro-enterprises having to adopt the strict rules imposed by the GDPR

## New advanced biomaterial to repair damaged nervous tissue

UPM - mi+d

Researchers have has achieved the functional recovery from a stroke after implanting silk fibroin hydrogels-encapsulated stem cells in stroke mice.

## Effects of agricultural insecticides in aquatic invertebrate communities

IMDEA Water

Neonicotinoid insecticides constitute a group of systemic insecticides that are applied as foliar spray, granules or as seed-dressing in a broad range of agricultural crops worldwide.

## European students develop new sustainable food solutions from side-streams in EIT Food project

IMDEA Food

The FOODIO project rewards the best healthy dairy product based on plant-based side-streams from the food industry. The selected product has been chosen among four innovative proposals developed by 40 European students under the EIT Food programme, a pan-European consortium that focuses on entrepreneurship and innovation in the food sector.

## Planet discovered orbiting the second closest stellar system to the Earth

CAB (INTA CSIC)

Barnard's star is the closest single star to the Sun and second only to the Alpha Centauri triple stellar system.

## A natural food colouring for ice cream, with bioactive properties

UCM - mi+d

One of the problems encountered in the food industry is that some additives are toxic, particularly the synthetic food colourings used in that kind of summer desserts, ice cream.

## The constructive role of noise

UC3M - mi+d

The work explains that this effect can be used in the decoding and in the creation of extremely weak signals.

## Modern porous material made in Madrid resembles XIV Century Alhambra mosaic

IMDEA Nanoscience

Scientists from Spain and the US have synthesized an unprecedented Metal-Organic-Framework (MOF) that contains a perfectly linear bridging chain showing a beautiful resemblance with an XIV century Islamic mosaic of the Alhambra Palace in Granada (Spain).

## Laser system will prevent contamination on aircraft surfaces

CORDIS

Scientists have developed a laser material processing method to produce textured surfaces that repel dirt and water. This technology will primarily be used in the aerospace industry.