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## Newsletter #12 – March 2019

### News

#### ■ Heparin sulfate maturation

IBS researchers have contributed to the determination of the structural basis of the mechanism of action of an epimerase, which plays a major role in this maturation process by converting glucuronic acids of heparan sulfate into much more flexible iduronic acids. This work was published in the journal *Proc Natl Acad Sci USA*. [More information](#)

#### ■ Polysaccharides as eco materials

Redouane Borsali and Laurent Heux (CERMAV) present the applications of polysaccharides to replace petroleum products in the CNRS journal. [More information](#)

#### ■ Discovery of sugar scissors

CERMAV researchers are highlighted for their research on identifying the enzymes involved in carbohydrate degradation. [More information](#)

#### ■ Training day for scientific culture in chemistry

The Institute of Chemistry (INC) has offered secondary school teachers a national training day to enrich their knowledge and scientific culture. After the conference of Anne Imberty (CERMAV) about “Sugars against microbes”, laboratory visits were organized at CERMAV, DCM and DPM. [More information](#)

#### ■ Glyco@Club at Grenoble Chemistry Day

Two Glyco@Club students presented posters at Grenoble Chemistry Day on March 21, 2019. [More information](#)

#### ■ Award of Adeline Stewart at the Scientific Game Jam

Adeline Stewart from Glyco@Alps won the first prize of the Scientific Game Jam 2018 with the video game *Algocalypse Now*. [More information](#)

### Save the dates

#### ■ May 27, 2019 – Glyco@Seminar with Paul DeAngelis

Paul DeAngelis from University of Oklahoma Health Sciences Center (USA) will give a talk about “Glycosaminoglycan Engineering: Designing Natural Sugar-based Therapeutics & Drug Delivery Systems” at Cermav at 11:00 am. [More information](#)

#### ■ From June 3 to 6, 2019 - Global Challenges Science Week

Addressing global challenges urges a strong worldwide collaboration of scientists from different fields. To this aim, Univ. Grenoble Alpes' GSCW brings together scientists, experts and stakeholders from all around the world to share the latest research results, carrying out transdisciplinary conversations, and providing an opportunity for setting-up new international collaborations to deal with the following 21st century issues: Sustainable planet and society; Health, well-being and technology; Digital world; Understanding and fostering innovation. [More information](#)



# Glyco@Alps

## Univ. Grenoble Alpes

### Past events

- March 13, 2019 – 11<sup>th</sup> **Glyco@Event with Koichiro Awai** [More information](#)
- February, 2019 – **Thesis Defenses** - Congratulations to Hippolyte Durand and Fleur Rol [More information](#)
- January 24-25, 2019 - **CarboMet workshop on Glycomaterials** [More information](#)

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