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Newsletter #25 – July 2021

Have a good **summer!**



News

■ Toward Glyco@Alps.2 Project

If the CDP Glyco@ALPS project is officially closed, the dynamics of its interdisciplinary research continues. After the scientific day of June 7th, 2021, a final report of this initial period has been submitted to IDEX. A new project Glyco@Alps.2 entitled *Complex sugars for smart materials, sweet biotechnology and alpine glycoresources* was submitted to the AMI CDTools call IDEX and will be defended at the CDP day on July 7th. It is led by Drs. Anne Imberty, Romain Vives, Julien Bras & Franck Dahlem.

The CDP Glyco@Alps.2 project builds on the success of the CDP Glyco@Alps program that efficiently brought together 17 research units of UGA in a collaborative and interdisciplinary approach gathering all aspects of glycosciences, i.e. the science of carbohydrates. The program Glyco@Alps.2 aims at reinforcing the excellent dynamics that has been created in the community, and at proposing major advances in the fields of health, well-being and environmental protection by developing and transferring to society major innovations stemming from GlycoSciences.

As the most abundant biological molecules on Earth, carbohydrates are not only the major compounds of food and the main source of energy and biobased materials, but also key molecules involved in a multitude of biological processes and at the origin of many drugs. The Glyco@Alps.2 project will develop innovative molecules, bio-tools to assemble and analyze them, processes for structuring novel materials, methods to characterize them and to evaluate their innovation potential. We also plan to establish novel interaction with teams and laboratories from human sciences, for collaboration in the domain of new material for housing or for art, patenting and innovation in glycosciences together with public policy accompanying them. Based on our experience with Glyco@Alps.1, strong impact is expected for the training of students and young researchers, dissemination to the public and transfer of innovation to industries.

■ Joint Warren & Beilstein Symposium on Glycosciences

The 2021 Symposium edition was organized online by Glyco@ALPS with Alliance Campus Rhodanien, Beilstein-Institut and University Lyon 1, from June 23 till June 25, 2021. With more than 160 participants, excellent talks, including the one by Yu Ogawa from Glyco@Alps, and active network sessions, the online symposium was a success. Next Charles Warren Symposium will be organized in Australia in 2022, by Dr. Daniel Kolarich.

[More about the 2021's edition](#)

Past events

- June 7, 2021 – **Glyco@Alps Scientific Day** [More information](#)
- June 18, 2021 – **Thesis Defense: Rafael Bermeo** [More information](#)
- June 25, 2021 – **Glyco@Alps Thesis Defense: Juliette Francillon** [More information](#)

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