

## 2<sup>nd</sup> Berry School, Bordeaux

The EU-funded research project **GoodBerry** aims to further improve our knowledge of the procedures that facilitate and accelerate the development of well-accepted, desirable and high-quality berry fruits – even under non-favourable growth conditions such as high temperatures. Focusing on strawberry, raspberry and blackcurrant as model crop species, the project investigates mechanisms and new factors impacting on yield, thus allowing the design of strategies for improved adaptability of fruit production to non-optimal environmental conditions. This will help make production more controllable and more robust in the future.

The project is based on the development of an integrative, multi-scale strategy to identify new molecular factors (metabolites/genes/alleles/loci) conferring the capacity to maintain high yield performance and high fruit quality in extreme environmental conditions. While the use of novel methodologies for genetic improvement of berries in different environments is still absent in current breeding programmes, **GoodBerry** will build on novel molecular tools to apply cutting-edge genomic and metabolomics based approaches to deliver holistic solutions addressing the challenges of increasing productivity efficiency, crop resilience and food quality in the light of climate changes.

After a successful 1<sup>st</sup> Berry School last spring in Malaga, Spain, the **2<sup>nd</sup> Berry School** will take place on March 13<sup>th</sup> – 16<sup>th</sup>, 2018 in Bordeaux, France. It will be organized in line with the **GoodBerry** objectives and addresses PhD students, technicians and experts involved in berry research and berry production sectors. Besides lectures on plant genetics, physiology and fruit quality control, the four-day program will also comprise a field trip to Ciref and INVENIO (focusing on strawberry breeding, micro-propagation and experimentation).

### 2<sup>nd</sup> Berry School at a glance

<b>Overall topic:</b>	Plant genetics, physiology and fruit quality control
<b>Local organizer:</b>	Institut National de la Recherche Agronomique ( <b>GoodBerry</b> partner & local organizer) & Ciref Création Variétale Fraises Fruits Rouges ( <b>GoodBerry</b> partner & co-organizer)
<b>Venue:</b>	Institut National de la Recherche Agronomique (INRA) Building A4 71 avenue Edouard Bourlaux 33140 Villenave d'Ornon, France
<b>Date:</b>	March 13 <sup>th</sup> – 16 <sup>th</sup> , 2018
<b>Participation fee:</b>	150 € (to be confirmed depending on the number of participants)

Further details on the programme and the application procedure will be available on the **GoodBerry** website shortly ([www.goodberry-eu.eu](http://www.goodberry-eu.eu)).

