# The scientific Program

The GBF Laboratory is dealing with the multi-hormonal control of fruit development and ripening. Combined approaches of reverse genetics and transcriptomics are routinely used to unravel the molecular mechanisms underlying the transcriptional regulation associated with hormone signaling in the fruit.

Using the same approaches, new research topics at the GBF are aimed at understanding genetic and epigenetic control of the transition from flower to fruit, and from immature to mature green fruits.

The GBF addresses scientific questions which have a major impact on agriculture. In the long-term, our research aims to provide new concepts and to discover new genetic markers for plant breeding.