

# About the GBF laboratory

The Genomics and Biotechnology of the Fruits (GBF) laboratory is a combined Toulouse-INP / INRA Research Unit, attached to the [INRAe](#) Department of "Plant Biology and Breeding" ([BAR](#)).

The GBF Laboratory is dealing with the multi-hormonal and epigenetic control of fruit set, 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.

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.

The GBF is part of a Research Federation ([FR 3450 AIB, Agrobiosciences, Interactions, Biodiversity](#)), which brings together the principle plant biology and ecology laboratories in the Toulouse area, mainly located on the [INRAe](#) campus at Auzeville.

