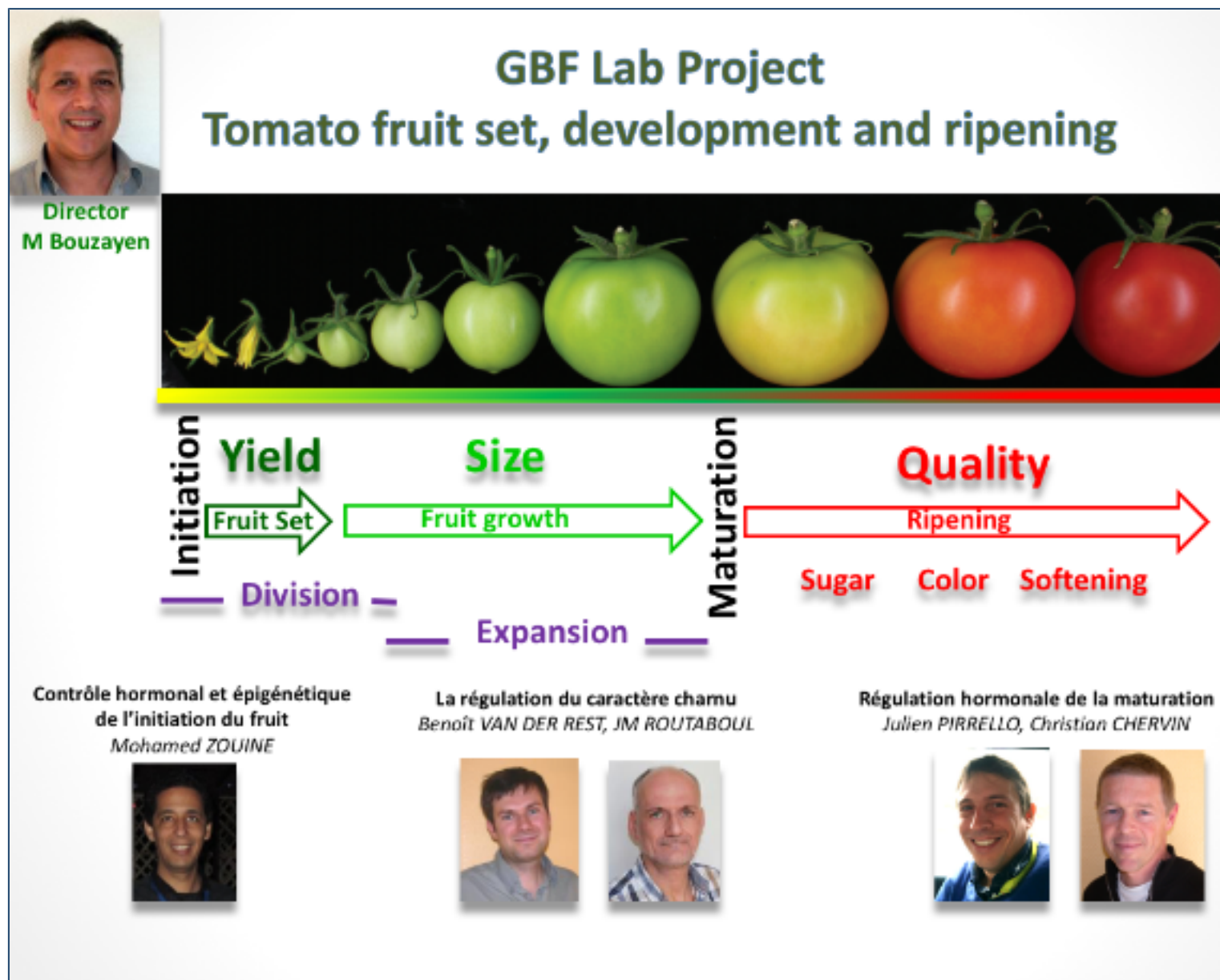


# The scientific Program



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.

## Tools and Resources



The GBF Lab is also involved in generating tools and resources for the tomato community. [See more..](#)

## Funding and Network



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



- **2019-2022** GBF (by J. Pirrello) is Coordinating the European COST program called "Oxygen sensing a novel mean for biology and technology"



- **Since 2012**, GBF is member of the laboratory of excellence [Labex-TULIP](#).



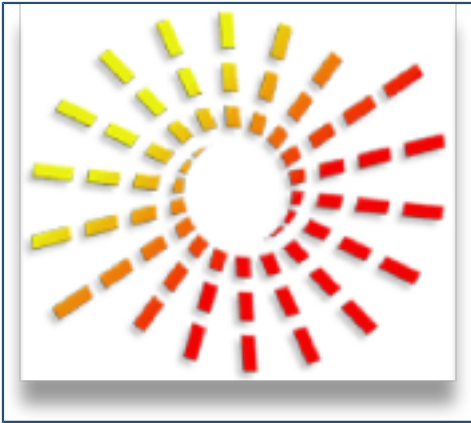
- **2013-16**,GBF (by M. Bouzayen) was Coordinating the Pan-European [COST action FA1106 QualityFruit](#)



- **2016-19** GBF (by M. Bouzayen) is Coordinating the [EU-TOMGEM](#) H2020 project



- **2016-19**, GBF (by M. Zouine) is Coordinating the ANR Project "TomEpiSet"



- GBF is Member and Chair (by M. Bouzayen) of the SolGenomics Network



- **2015-2018**, GBf (by M. Zouine) is Coordinating of the “ERASMUS+ Capacity Building in the field of Higher Education” project (ref 561964-EPP-1-2015-1-FR-EPPKA2-CBHE-JP) including four countries and ten university/institution partners: [MABIOVA](#)