

In Biocontrol domain,
with a dedicated team,
PlantBIOs is :

Bioinformatics & Genomics

structural and fonctionnal genomics,
metagenomic, epigenetic....

Mass Spectrometry and SPR

identification of proteins and metabolites,
characterization of molecular interactions,
profiling,...

Microscopy

identification of organisms,
cell and subcellular localization,
molecular dynamics,
transparency...

Production and experiments in controlled (/confined) environments

4000m2 of greenhouses and 80 climatic rooms

Conservation, characterization and availability of biological material

Oophagous Insects (Trichogramme)
Phytopathogen nematodes



Expertise



Facilities



Training



Institut Sophia Agrobiotech
400 route des Chappes
Sophia Antipolis
GPS 43°36'42.444" N 7°4'37.2" E



[https://www6.paca.inra.fr/
institut-sophia-agrobiotech/
Infrastructure-PlantBIOs](https://www6.paca.inra.fr/institut-sophia-agrobiotech/Infrastructure-PlantBIOs)



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PlantBIOs
Biocontrol and Plant Biostimulation
Facilities & Expertise

In a scientific environment
of excellence for biocontrol
research, **PlantBIOs** offers
you a unique know-how in
the field of plant health
and biotic interaction.

PlantBIOs supports your
projects with:

- ✓ Production of
biological material
- ✓ Implementation
of test
- ✓ Cellular,
biochemical
or genomic
analyses

Designed by
raftel / Freepik

PlantBIOs has been financed by :



PlantBIOs

An infrastructure which offers on the Sophia Antipolis site facilities, resources and expertise

Around tools from the gene to the agroecosystem

For an integrative approach to plant health

For the development of biocontrol and biostimulation methods and products

- ✓ Performing analyses and tests
collaboration or service delivery
- ✓ Technological monitoring, adaptation of methods and custom developments
- ✓ Access to infrastructures and equipments
imaging, climatic rooms, greenhouses
- ✓ Training and Expertise
Bioinformatic, Mass Spectrometry, Microscopy, Breeding and Phenotyping...

Openness to the scientific community
Academic and Business Partners

Microscopy

Bioinformatic Analysis

Biobanks

Experimental Facilities

Mass Spectrometry and SPR



Quality management approach
iso 9001

