



**Centre name: VEGENOV**

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**The research programs of your center**

**Specie: Cynara**

Person of contact for this programme : Celine Baty-Julien, Manuelle Bodin, Céline Hamon, Marie Turner

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Vegetal material	Technical itinerary <sup>2,3</sup>	Integrated protection <sup>3,4</sup>	Agrobiologie	Other subjects <sup>1,4</sup>
Artichoke	Breeding process using haplomethods, marker-assisted selection and reliable disease assays.  Tissue culture techniques.  Seedlings and in vitro embryo rescue  Traceability and purity using genetic fingerprinting.	Pathogens identification with molecular and immunological tests.  Studying parameters of disease development  Providing inoculum.		Identify key sensory and nutritional criteria.  Optimizing the quality by controlling growth and preservation practices and by providing consumer advice, including cooking instructions  Evaluation of nutritional quality

**Specie: Brassica**

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Vegetal material	Technical itinerary <sup>2,3</sup>	Integrated protection <sup>3,4</sup>	Agrobiologie <sup>4</sup>	Other subjects <sup>1,4</sup>
Cabbage	Breeding process using haplomethods, marker-assisted selection and reliable disease assays.	Pathogens identification with molecular and immunological tests.	Evaluation of biostimulants, fertilizers or media impacts on plant growth	Identify key sensory and nutritional criteria.
Broccoli	Tissue culture techniques.  Traceability and purity	Studying parameters of disease development.  Providing inoculum.	development, plant nutrition and nutrient uptake, tolerance to abiotic	Optimizing the quality by controlling growth and preservation practices and by providing consumer advice, including cooking instructions

	using genetic fingerprinting.		stresses	Evaluation of nutritional quality
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### Specie: Allium

Person of contact for this programme : Celine Baty-Julien, Manuelle Bodin, Céline Hamon, Marie Turner  
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Vegetal material	Technical itinerary <sup>2,3</sup>	Integrated protection <sup>3,4</sup>	Agrobiology	Other subjects <sup>4</sup>
Onion Shallot	Breeding process using haplomehtods and marker-assisted selection  Traceability and purity using genetic fingerprinting.	Pathogens identification with molecular and immunological tests.  Studying parameters of disease development  Providing inoculum.		Evaluation of nutritional quality

### Specie: Tomato

Person of contact for this programme : Celine Baty-Julien, Manuelle Bodin, Céline Hamon, Marie Turner  
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Vegetal material	Technical itinerary <sup>3</sup>	Integrated protection <sup>3,4</sup>	Agrobiology	Other subjects
Tomato	Traceability and purity using genetic fingerprinting	Pathogens identification with molecular and immunological tests.  Evaluation of plant protection product efficiency and disease resistance in controlled conditions.  Studying parameters of disease development  Providing inoculum.		

### Specie: Ornamental plants and herbs

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Vegetal material	Technical itinerary <sup>3</sup>	Integrated protection <sup>3,4</sup>	Agrobiology	Other subjects
Basil Chrysanthemum Rose	Breeding process using marker-assisted selection.  Pathogens identification with molecular tests"	Evaluation of plant protection product efficiency and disease resistance in controlled conditions.  Studying parameters of disease development.		

## Current partnership with other research centres (national or international)

**Specie:** Basil

**Nature of the project:** basil downy mildew – **Name of the project:** MILAROM

**Length of the project:** 3 years

**Partner names and countries:** France : ITEIPMAI

### **Current partnership with other research centres** (national or international)

**Specie:** Potato

**Nature of the project:** potato blight in a scheme of integrated crop protection

**Name of the project:** MILPOMBIO

**Length of the project:** 3 years

**Partner names and countries:** France: Vegenov, Arvalis, INRA Ploudaniel, Bretagne plants

### **Current partnership with other research centres** (national or international)

**Specie:** Leguminous crop

**Nature of the project:** Increased agricultural productivity, output, and resource efficiency

**Name of the project:** SECURIPROT

**Length of the project:** 3 years

**Partner names and countries:**

- France : GIE Prolupin, LUBEM (Laboratoire Universitaire de Biodiversité et Ecologie Microbienne), Jouffray Drillaud, Vegenov, INRA Dijon

### **Current partnership with other research centres** (national or international)

**Specie:** Tomato

**Nature of the project:** Agrobacterium

**Name of the project:** AGROFILM

**Length of the project:** 4 years

**Partner names and countries:**

- France : Vegenov, LUBEM
- Belgium : Station expérimentale de Ste Catherine
- Switzerland : Agroscope

## **Network**

We are co-coordinator of the French elicitor network, RMT Elicitra. We are also member of IBMA and of the French competitiveness clusters, Vegepolys, Valorial and Terralia.

### **Are you searching for more European partnerships with other research centres?**

**On what species:** all vegetal species

**What kind of projects are you searching for:**

- Breeding
- Biodiversity management
- Crop protection : biocontrol and other plant protection product evaluation, disease resistance, development of disease warning system
- Plant product quality

**What kind of partners are you searching for? From which countries?**

Vegenov offers its services and expertise, as partner or provider, through collaborative projects / European projects