

**Centre name : Faculty of Bioscience Engineering**

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Name of the contact person: Marie-Christine Van Labeke

Position: tenured academic staff

Email: [mariechristine.vanlabeke@ugent.be](mailto:mariechristine.vanlabeke@ugent.be)**The research programmes of your centre****Species : glasshouse vegetables**

Person of contact for this programme : Patrick De Clercq, Luc Tirry

Email : [patrick.declercq@ugent.be](mailto:patrick.declercq@ugent.be), [luc.tirry@ugent.be](mailto:luc.tirry@ugent.be)

Vegetal material	Technical itinerary	Integrated protection	Agrobiolgy	Other subjects
Tomato, peppers, eggplant, cucumber a.o.		IPM: the use of predatory insects and mites for the biological control of arthropod greenhouse pests (spider mites, leafminers, thrips, whiteflies, aphids, scales...)		

**Species : vegetables general**

Person of contact for this programme : Pieter Spanoghe and David Senaeve

Email : [Pieter.Spanoghe@UGent.be](mailto:Pieter.Spanoghe@UGent.be)

Vegetal material	Technical itinerary	Integrated protection	Agrobiolgy	Other subjects
Cucumber, Lettuce, Leek	Pesticide use	Low-Residue cropping		Adaptation of spraying schedules

**Species : vegetables general**

Person of contact for this programme : Pieter Spanoghe and Michael Houbraken

Email : [Pieter.Spanoghe@UGent.be](mailto:Pieter.Spanoghe@UGent.be)

Vegetal material	Technical itinerary	Integrated protection	Agrobiolgy	Other subjects
Vegetables	Volatilisation of pesticides Formulation technology of pesticides			Human end environmental exposure to pesticides

**Species : vegetables general**

Person of contact for this programme : Pieter Spanoghe

Email : [Pieter.Spanoghe@UGent.be](mailto:Pieter.Spanoghe@UGent.be)

Vegetal material	Technical itinerary	Integrated protection	Agrobiology	Other subjects
Vegetables	Statistics on pesticide use Statistics on residues			Human and Environmental Risk Assessment Agregated and Cumulative exposure Food Safety

**Species : Solanum lycopersicum**

Person of contact for this programme : Kathy Steppe

Email : [kathy.steppe@ugent.be](mailto:kathy.steppe@ugent.be)

Vegetal material	Technical itinerary	Integrated protection	Agrobiology	Other subjects
tomato	Impact of water deficit on plant development and fruit development			Modelling plant and fruit growth, effect of artificial LED light on plant and fruit development

**Species : Lactuca sativa**

Person of contact for this programme : Kathy Steppe

Email : [kathy.steppe@ugent.be](mailto:kathy.steppe@ugent.be)

Vegetal material	Technical itinerary	Integrated protection	Agrobiology	Other subjects
lettuce	Effect of artificial light on occurence of tipburn			Effect of artificial LED light on plant and fruit development

**Species : Cucurbitaceae**

Person of contact for this programme : Marie-Christine Van Labeke

Email : [mariechristine.vanlabeke@ugent.be](mailto:mariechristine.vanlabeke@ugent.be)

Vegetal material	Technical itinerary	Integrated protection	Agrobiology	Other subjects
zucchini	Controlling the balance of male/female flowers in relation to environmental factors			Pollen quality in relation to environmental factors

Species: leafy vegetables

Person of contact for this programme : Marie-Christine Van Labeke

Email : [mariechristine.vanlabeke@ugent.be](mailto:mariechristine.vanlabeke@ugent.be)

Vegetal material	Technical itinerary	Integrated protection	Agrobiology	Other subjects
Lettuce Rucola Herbs	Vertical farming			Relation between light quality (LED) and secondary metabolites

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

Ghent university cooperates in several national research programmes with respect to (1) IPM and Low-Residue Cropping in vegetables and with (2) control of environmental parameters, including LED technology, to optimize crop quality

Partners in these national projects are Inagro, Proefcentrum Hoogstraten (PCH), Proefcentrum groenteteelt, Kruishoutem (PCG) and Proefstation voor de Groenteteelt, Sint Katelijne Waver (PSKW)

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

On what species: no preference

Research themes: IPM, Sustainable pesticide use, Food safety, Human and Environmental exposure (impact) of pesticides, LED lighting, climate control

What kind of projects are you searching for: both National and international.

What kind of partners are you searching for? From which countries? No preference