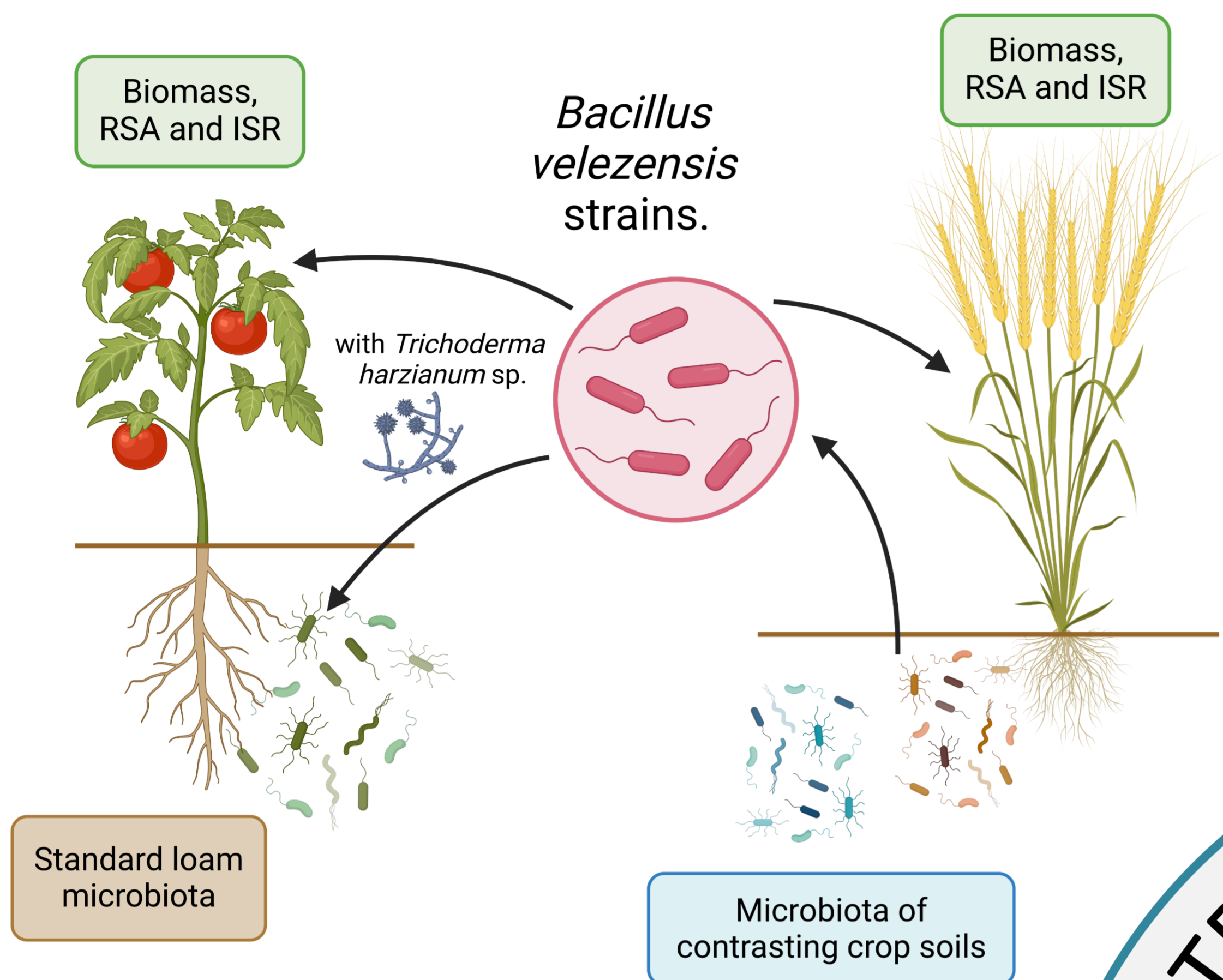


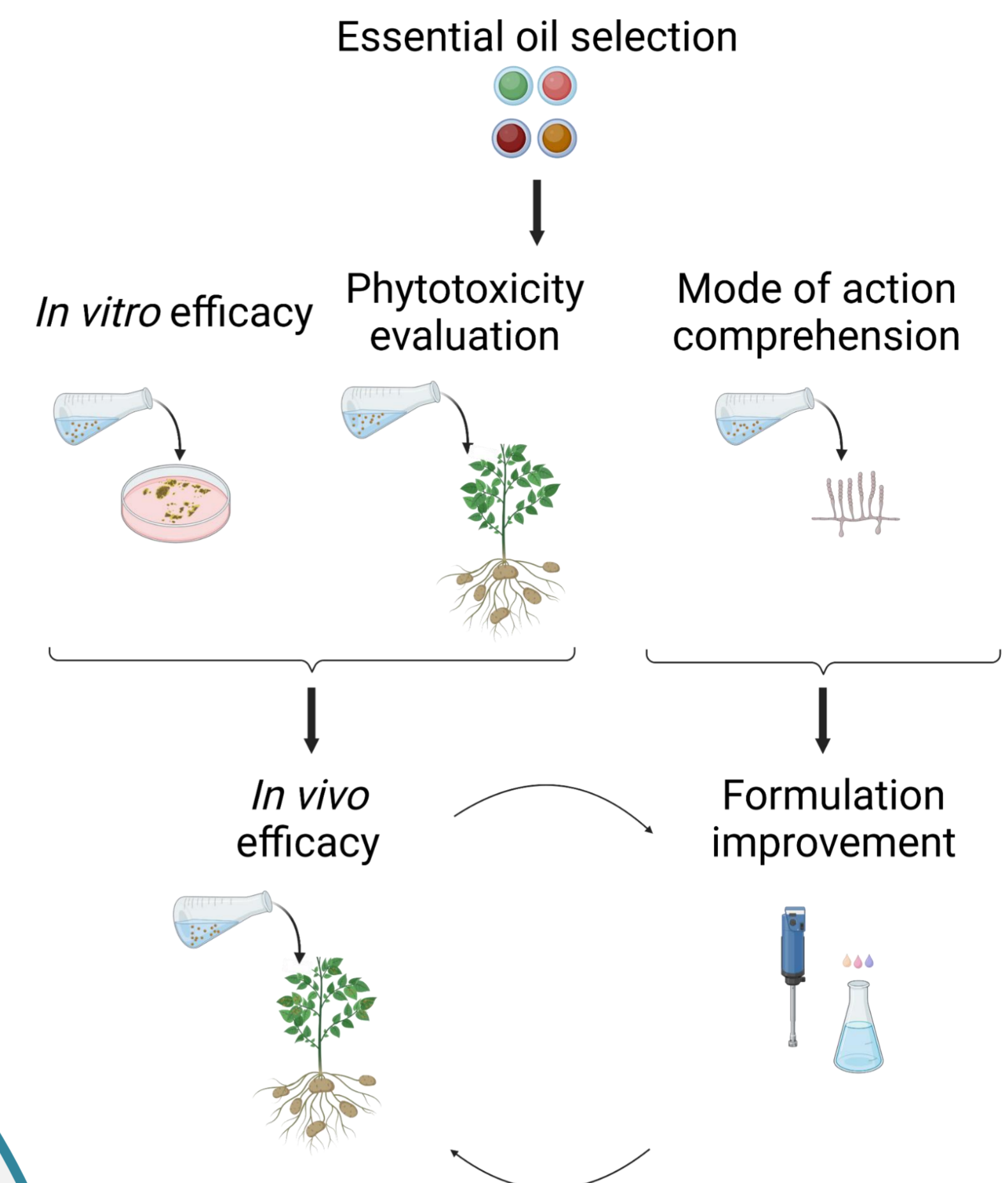


### WP1 - Robust stimulation of plant root growth and fitness



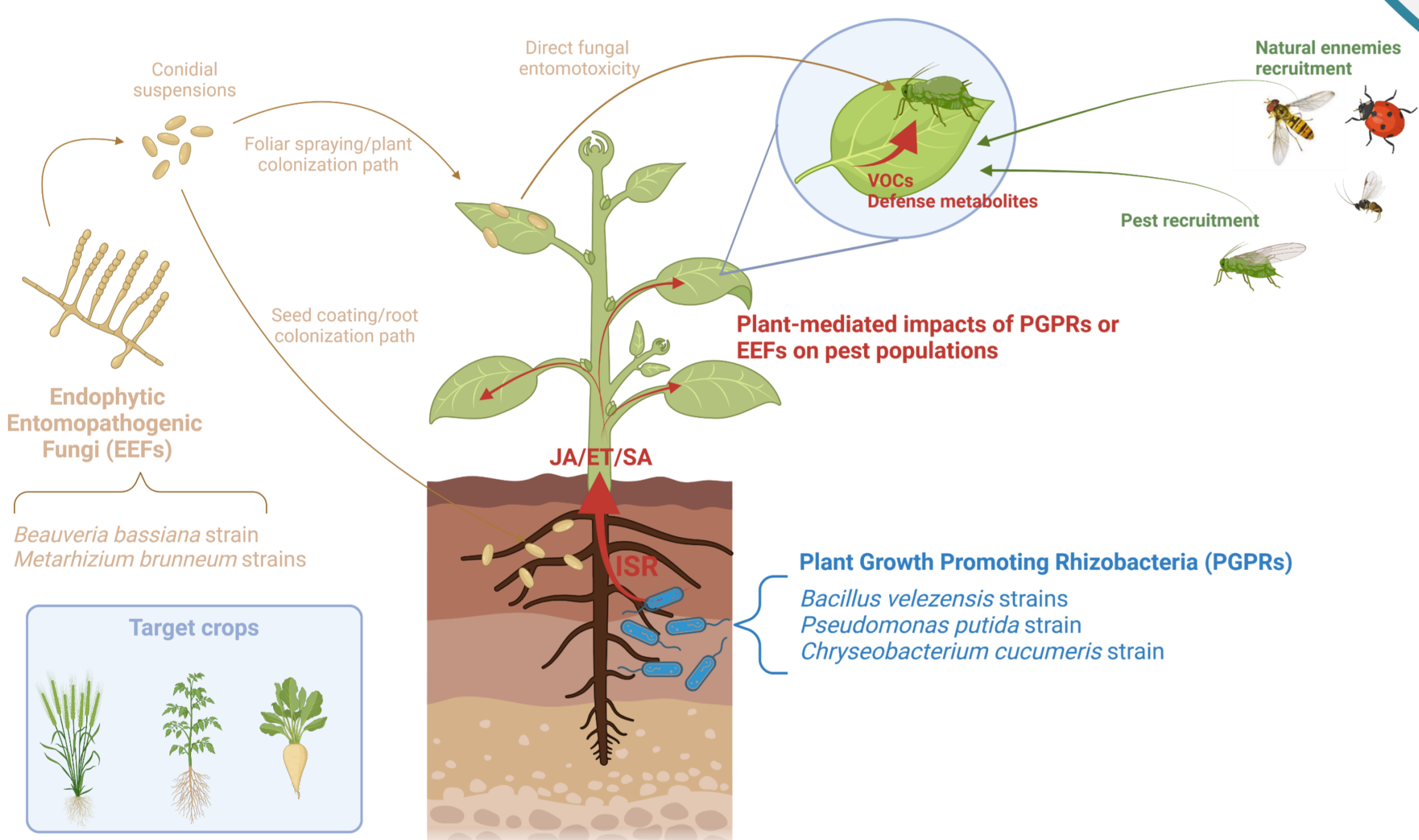
Martin QUIÉVREUX, Stéphanie LAMBERT, Pierre DELAPLACE, Sébastien MASSART, Marc ONGENA & Philippe JACQUES

### WP2 - Development of new essential oils-based biofungicides



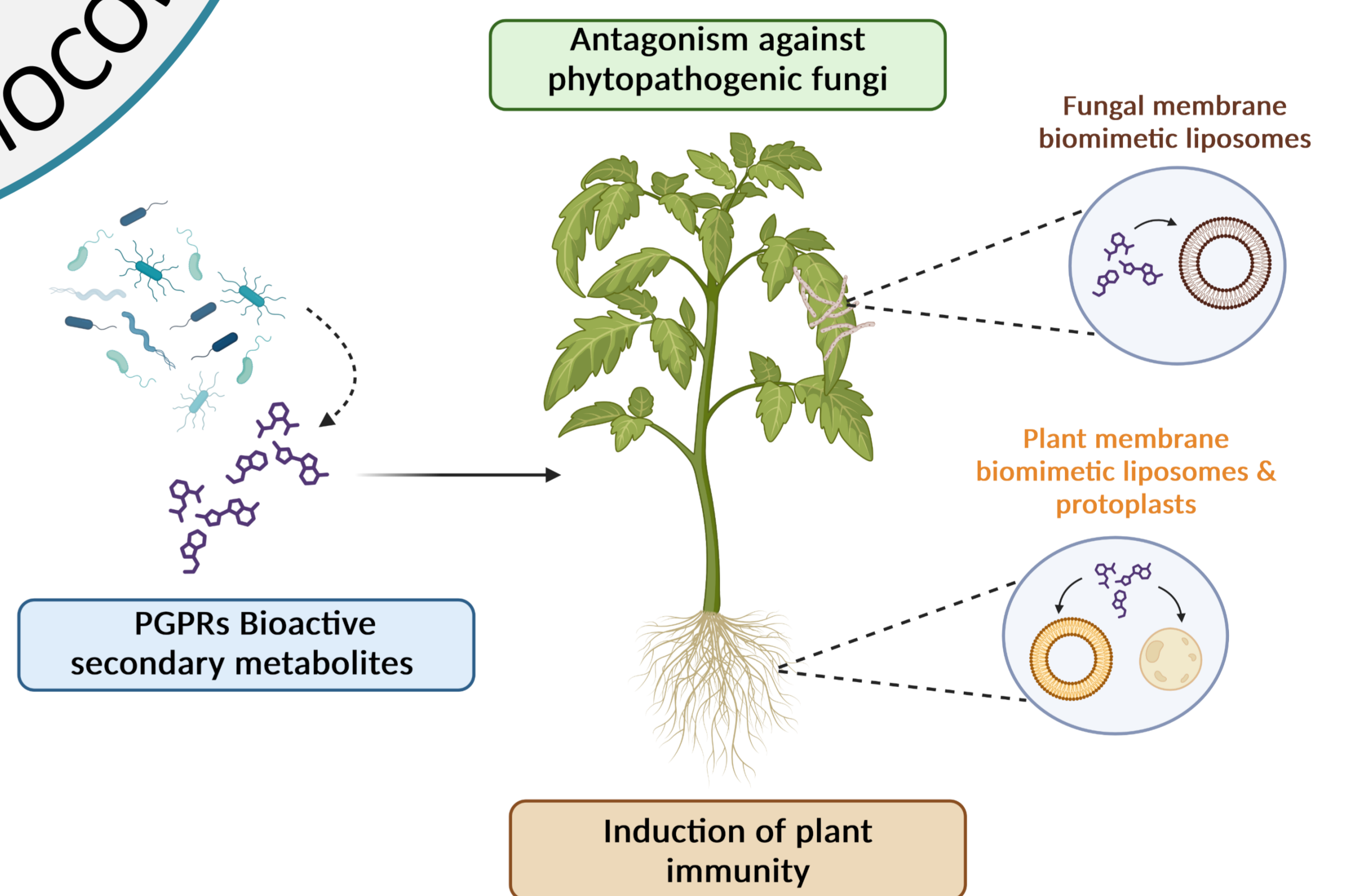
Clément BURGEON, Catherine CHEMOTTI, Magali DELEU, Marie-Laure FAUCONNIER & Haïssam JIJAKLI

### WP3 - Strategies for reducing harmful insects

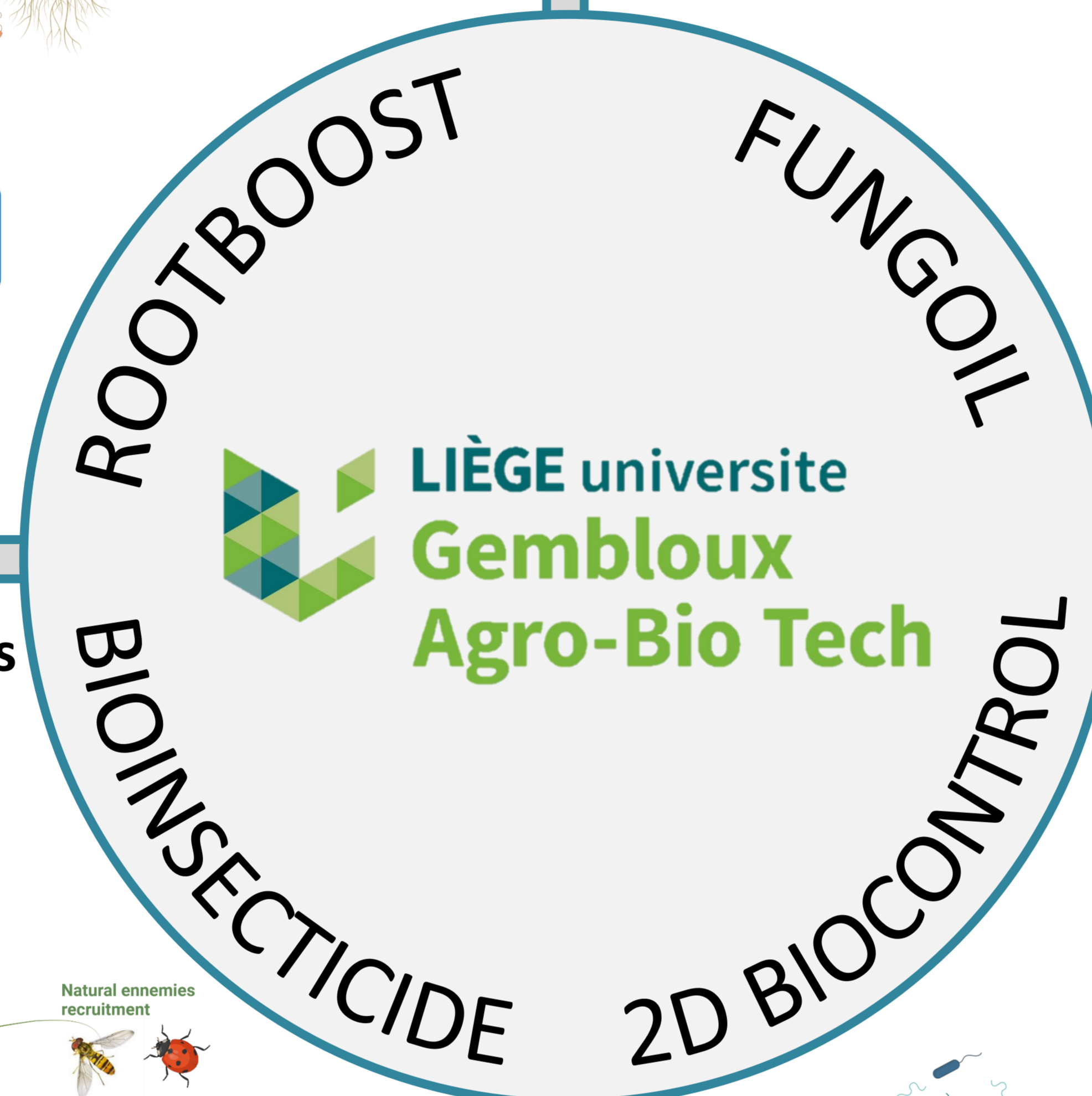


Arnaud SEGERS, Frédéric FRANCIS, Marc ONGENA & Philippe JACQUES

### WP4 - Developing new antifungal products and plant systemic resistance inducers



Farah BOUBSI, Catherine CHEMOTTI, Marc ONGENA, Philippe JACQUES & Magali DELEU



Graphical abstracts created with [BioRender.com](https://BioRender.com)

## \* Plateformes technologiques et analytiques d'excellence Wallonne en Agro-Alimentaire

The PHENIX-Biocontrol-ULiege project relies on the analytical and technological platforms of the **PHENIX** portfolio to develop new biostimulants and control agents, in connection with the **IIS DigiBiocontrol**. This project is coordinated by Pr. Philippe Jacques from Gembloux Agro-Bio Tech (University of Liège), who is also the leader of the IIS DigiBiocontrol initiative.

These four Work Packages are brached to reinforce **6 key competence axes** of innovation in biostimulation and biocontrol :

- New screening approaches
- Mode of action characterization
- Control mode activity
- Production processes
- Formulation and texturing
- Greenhouse and field demonstration

The **9 research teams** from the University of Liège (7 at Gembloux Agro-Bio Tech and 2 in the Faculty of Sciences), including 6 analytical and technological platforms, are involved in the 4 Work Packages and in the various associated tasks. The PHENIX portfolio includes also two other projects with several partners : PHENIX-Analytical and PHENIX-Foodboost