

Thiverval-Grignon

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Début du projet: 2021

### A PROPOS DE MOI

- Food Science and New Product Development background.
- Hobbies: brewing, gardening, gaming, cooking.



### Équipe CoMIAl

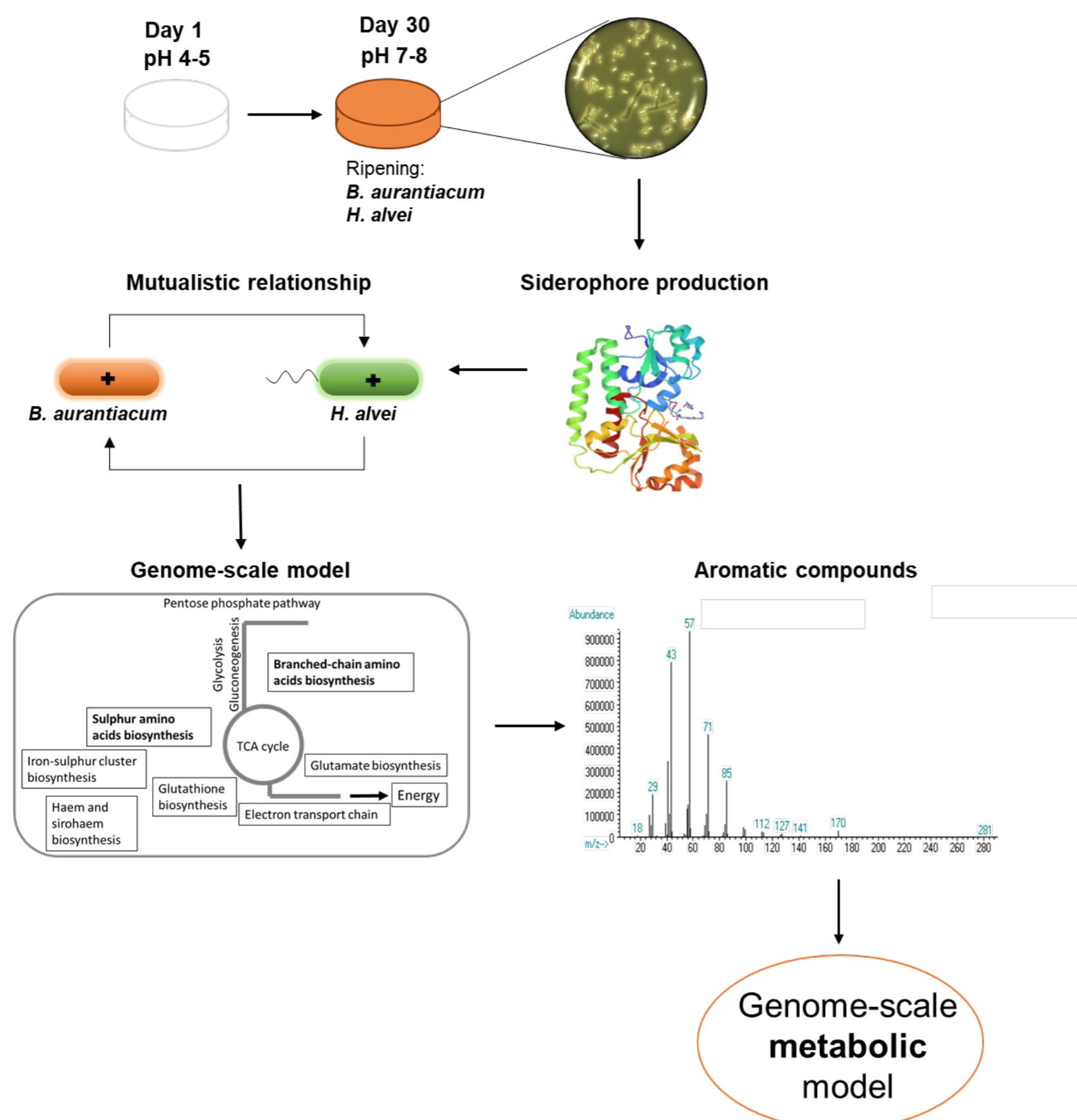
Superviseurs: Sophie Landaud-Liautaud, Dominique Swennen, Sandra Helinck, Sarah Chuzeville

### Mots-clés

Cheese ripening bacteria, iron, siderophores, genome-scale metabolic model

## Metabolomics and kinetic studies of microorganisms involved in cheese ripening

### Graphical abstract

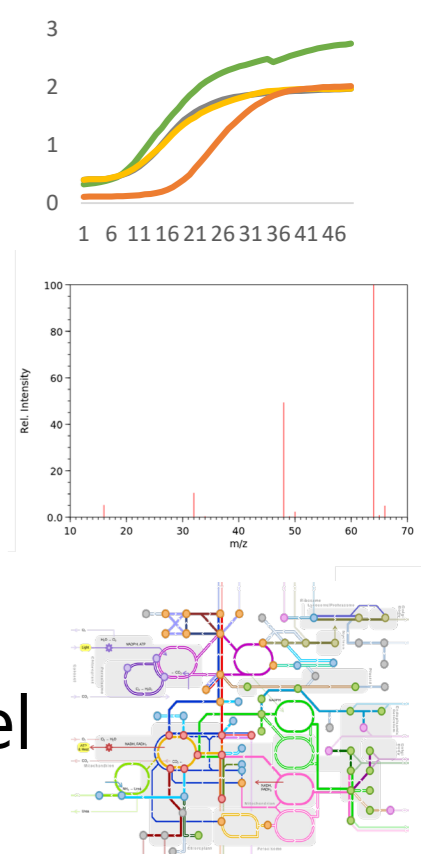


### Objectifs

- Investigate the effect of **iron** on growth of cheese ripening bacteria.
- Examine the **metabolome** and **transcriptome** of selected strains.
- Constrain a **genome-scale metabolic model**.

### Techniques utilisées

- Iron starvation experiments.
- GCMC, LCMS, RNA Seq for data collection.
- Genome-scale metabolic model construction.



### Financiers & Collaborateurs