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Site Grignon

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Project Start Date: 2021

ABOUT ME

I have a solid background in Food Innovation with Microbiology specialization, earned through my Erasmus master i.e., FIPDes. I'm passionate to pursue as my career as Food Microbiologist



TEAM CoMiAI

Communautés Microbiennes Alimentaires

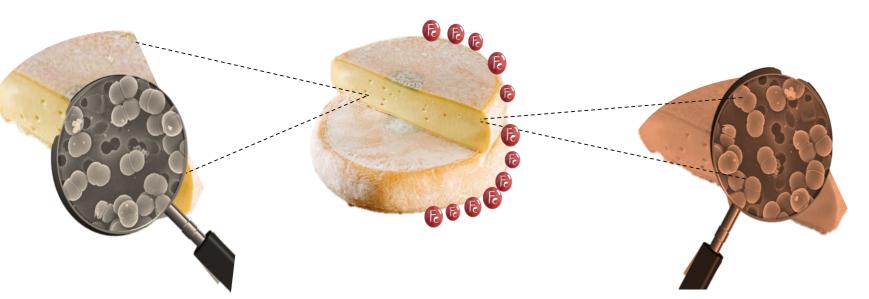
Superviseurs : Pascal Bonnarme, Éric Dugat-Bony, Dominique Swennen

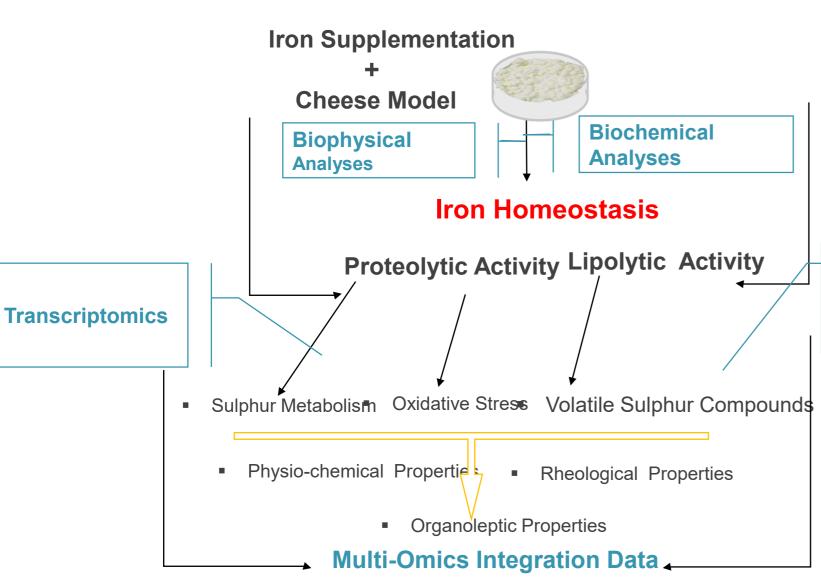
Mots-clés

Iron, Ripening biomarkers, Cheese microbial communities, Transcriptomics, Metabolomics,

Cheese Microbial Ecosystem Structuration and Resilience ESR-10

Graphical abstract





Objectives

- To understand the effect of iron on the cheese ecosystem
- Effect of iron on biochemical pathways involved in cheese ripening
- Identification of key cheese ripening biomarkers in the presence of iron

Techniques utilisées

- Biochemical and Biophysical Analyses
- Transcriptomics
- Métabolomics
- Proteomics
- Sensory Analyses

Financeurs & Collaborateurs

- https://www.itn-emuse.com/
- Marie Skłodowska-Curie grant agreement N° 956126



Metabolomics



