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*This international scientific meeting aims to share recent advances on the understanding of microbiomes interactions from soil to animals and their resilience to a changing world. The interdisciplinary nature of the exchanges between academics and industrials will strive to identify knowledge gaps, technical hurdles, new approaches, and research cooperation for promoting beneficial interactions across the food chain from agriculture through manufacturing to health.*

## Hybrid format event

## Deadline for registration 03/04/2023

# Programme



**THURSDAY, 13 APRIL 2023**

- 8h30** ● Welcoming of the participants
- 9h15** ● Opening of the Bioconnect Day and introduction  
Welcome words from the organizers -  
P. Choquet - managing director - UniLaSalle  
F. Motte - president of rev 3 - Region de Hauts de France
- 9h30** ● Introductory conference : Food chain microbiomes interconnection from a one health perspective Dr S. Firmin - Deputy director AGHYLE, UniLaSalle Beauvais
- Session 1: Soil – Plant Health**
- 9h45** ● Role of microbiomes in soil Health -  
Dr W. Riah, UniLaSalle Rouen
- 10h** ● Microbiomes and plant Health -  
Dr M. Bressan, UniLaSalle Rouen
- 10h15** ● Renew Breeding methodology techniques regarding one health perspective. Dr R. Balestrini - NRC, Institute for Sustainable Plant Protection
- 10h30** ● RoundTable discussion:  
Agroecology issue: how to optimize plant holobiont efficiency through agricultural practices?
- Coffee break
- Session 2 : Microbial fluxes and interactions of the food chain**
- 11h15** ● Microbial transfers from permanent grassland ecosystems to milk in dairy farms in the Comté cheese area -  
Dr N. Chemidlin Prévost-Bouré, Institut Agro Dijon, UMR agroécologie Inrae

- 11h30** ● Livestock microbiomes - influencing factors and effects- Pr J. Seifert , Hohenheim University
- 11h45** ● Food chain microbial communities and the concept of ecoholobiont  
Dr P. Trivedi , Colorado state university
- Session 3 : Environmental & anthropic pressure on microbiomes**
- 13h30** ● Soil fauna & microbiome interaction, perspective in a biodiversity decline perspective  
Dr T. Damestoy, UniLaSalle Beauvais
- 13h45** ● Chemical pollution and microbiomes responses
- 14h** ● Climate change threatens the microbiological stability of non-refrigerated foods  
Pr K. Koutsoumanis, Faculty of Thessaloniki
- Session 4 : Technological innovations for microbiome research & perspectives**
- 14h15** ● Spectral approaches for plant Health monitoring. Dr Y. Lebrini- UniLaSalle Beauvais
- 14h30** ● New tools for soil health assessment.  
Dr I. Trinsoutrot Gattin – director AGHYLE, UniLaSalle Rouen
- 14h45** ● Introduction to mathematical modeling tools for microbial interactions: A digital toolbox.  
Dr A. Coutu, UniLaSalle Beauvais
- Coffee break
- 15h30** ● Roundtable discussion 2 - 1h30: How innovation of AgriFood Chain contribute to transitioning of agriculture to a One Health approach?
- 17h** ● Bioconnect day closure – Dr M.P. Faucon, UniLaSalle Beauvais
- 17h15**  
**18h15** ● Visit of the UniLaSalle platforms



**Online registration**

<https://my.weezevent.com/bioconnect-day-13-avril-2023>

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