

BRG and The University of Lorraine are happy to announce the

# 14th Microencapsulation Training School



**Nancy, France - October 8-10, 2024**

**Number of participants is limited - register as soon as possible**  
<https://bioencapsulation.net/2024-Nancy-Microencapsulation-Training-School/>

The BRG association (Bioencapsulation Research Group) organizes a training school related to microencapsulation for researchers, PhD students, Post-docs and industrials.

The aim of this thematic school is to create a stimulating and enriching learning environment, providing participants with an opportunity to deepen their knowledge in the field of microencapsulation. The proposed program will make it possible to explore new techniques for the microencapsulation of biomolecules, bacteria or animal cells.

Interventions in the form of conferences, demonstrations and practical work will allow participants to acquire theoretical and experimental skills.

This training school will be an opportunity to interact with experts in the field and to create or expand your network around bioencapsulation, thus promoting future collaborations.

## Lectures from Outstanding experts

The training school courses will cover the principles of capsule production, including material and methods, applications, characterization. Lectures from leading experts will cover a wide range of microencapsulation domains.



## Demonstrations and Practical Assignments

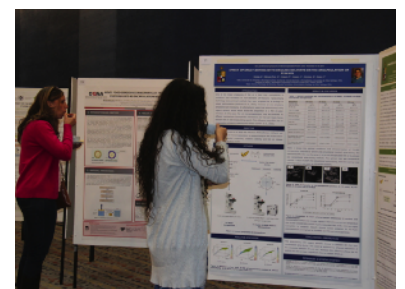


Demonstrations will complete the courses to provide a practical approach to microencapsulation. Encapsulation technologies and characterization methods will be presented. Small group practical assignments will complete the training, allowing participants to become familiar with the material and methods.

## Poster presentation

You are invited to bring posters. They will be presented during the coffee breaks.

A prize will be offered to the best posters. The selection will be done by the scientific committee.



# Conference program

**Tuesday October 8, 2024**

**Overview on microencapsulation techniques**

Denis Poncelet, EncapProcess, France

***Surface properties of dried microcapsules***

Jennifer Burgain & Claire Gaiani, LIBio, Univ. Lorraine, France

***Demonstration 1, Animal cell & bacteria encapsulation***

***Laboratory tour***

**Wednesday October 9, 2024**

***Emulsification and animal cell encapsulation***

Corinne Hoeli, McGill University, Canada

***Encapsulation and controlled release of antibacterial biomolecules***

Charlotte Saussez, CeREF Technique, Belgique

***Demonstration 2, Innovative spray drying techniques***

***Demonstration 3, Cryogenic, freezing & freeze-drying***

***Practicals on specific processes (small group)***

**Thursday October 10, 2024**

***Electrostatic spray drying***

Audrey Maudhuit, Fluid Air, France

***Encapsulation for formulation of infant formula***

Eoin Murphy, Teagasc, Irlande

***Practicals on specific processes (small group)***

***Preparation of the practical report presentation (small group)***

**Friday October 11, 2024**

***Encapsulation & granulation techniques***

Thorsten Brandeau, Brace, Germany

***Ouzo effect for encapsulation of biomolecules***

Jordane Jasniewski & Florentin Michaux, Université de Lorraine, France

***Presentation of practical data report & discussion (small group)***

**Do not miss the opportunity to get a training on microencapsulation**  
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