

# ENZYNNOV'2: Unleashing the power of Enzymes and Biocatalysis for industrial applications: present and future

## *Scientific Conference and Networking*

**October 26-27th 2023**

*Biocitech, Paris-Romainville*

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**DRAFT AGENDA** – update march 14, 2023

*Thursday, October 26, 2023*

**8h30** *Participants registration and welcome coffee*

**9h00-9h05** **Welcome from organizers**  
**Sylvio BENGIO**, Adebitech, **Juliette MARTIN**, Protéus by Seqens

**9h05-9h45** **Keynote lecture: Novozymes**  
**Jens Erik NIELSEN**, VP of Enzyme Research

**9h45-13h00** **SESSION 1 – TECHNOLOGY INNOVATIONS IN ENZYME ENGINEERING, PRODUCTION AND ANALYTICAL TOOLS**

*Chairs: Juliette MARTIN, Protéus by Seqens / Magali REMAUD-SIMÉON, INSA Toulouse*

**09h45-10h05** **Jean-Christophe BARET**, University Bordeaux, CNRS UMR5031  
*Microfluidics method for enzyme engineering*

**10h05-10h25** **Sophie BARBE**, TBI, Biocatalysis department  
*AI-powered computational design for enzyme engineering*

**10h25-10h45** **Olivier VIDALIN**, Proteus by Seqens  
*Tailored-made enzymes for industrial applications: screening from diversity to enzyme engineering*

**10h45-11h05** *Coffee break / exhibitions / posters / networking*

**11h05-11h25** **Speaker to be confirmed**, EnginZyme (Sweden)  
*Advanced technologies for enzyme immobilization*

**11h25-11h45** **Rita CRUZ**, Ingenza Ltd (Scotland)  
*Exploiting microbial cell factories to secure the future of industrial enzymatic biocatalysis*

11h45-12h05 **Muriel DEWILDE**, BBEU / **Nico SNOEK** Belgium  
*Downstream processing challenges associated to large scale production of enzymes*

12h05-12h25 **Philippe PEBAY**, Zymoptiq France  
*Fast, easy, robust disruptive solution for enzyme quantification*

12h30-13h00 **FLASH POSTERS PRESENTATIONS (session 1)**

13h00-14h00 **LUNCH BREAK AND NETWORKING**

## 14h00-16h00 **SESSION 2 – ENZYME INNOVATIONS FOR FOOD/ BEVERAGE and CHEMISTRY APPLICATIONS**

Chair: **David GUERRAND**, *Lallemand* – to be confirmed

14h00-14h20 **Jacky VANDEPUTTE**, Zymoptiq  
*Enzymes, key processing aids and additives, essential for enhancing the performance and sustainability of food and feed*

14h20-14h40 **Maureen DE WISPELAERE**, DSM  
*How enzymes help you to be more sustainable in food ingredient processing*

14h40-15h00 **Laurent DESROUSSEAUX**, CINABio chez Adisseo  
*Enzymes for Feed*

15h00-15h20 **Jean-Christophe LEC**, Arkema  
*Title to be confirmed*

15h30-16h00 **FLASH POSTERS PRESENTATIONS (session 2)**

16h00-16h30 *Coffee break / exhibitions / posters / networking*

## 16h30-18h30 **SESSION 3 – ENZYME INNOVATIONS FOR ENVIRONMENT and ENERGY**

Chair:

16h30-16h50 **Novozymes**  
*Carbon capture using enzymatic technology* (to be confirmed)

16h50-17h10 **Alain MARTY**, Carbios (speaker to be confirmed)  
*Enzymatic plastic recycling*

17h10-17h30 **Alexander SANDAHL**, Danish Technological Institute  
*En'Zync methodology and tools able to disrupt recycling of thermoset plastics, thereby supporting the circular future of the global plastics industry* (title and speaker to be confirmed)

17h30-17h50 Speaker and title to be confirmed

18h00-18h30 **FLASH POSTERS PRESENTATIONS (session 3)**

18h30-20h00 **COCKTAIL AND NETWORKING**

Friday, October 27, 2023

8h30

Welcome coffee

**9h00-10h30      SESSION 4 – COSMETICS, PHARMA, HEALTH**

Chair: **Alexis RANNOU**, *Givaudan Active Beauty*

9h00-09h30 **Cosmetic market application 1**

**Florent YVERGNAUX**, *Solabia*

*Applications of prebiotic gluco oligosaccharide, ceramide analogs and laccases from Botrytis cinerea*

09h30-09h50 **Cosmetic market application 2**

Speaker to be confirmed, *Givaudan*

09h50-10h10 **Pharma application** Speaker to be confirmed.

10h30-11h45

*Coffee break / exhibitions / posters / networking*

**12h00–13h00      GENERAL ROUND TABLE AND CONCLUSIONS**

Chairs: **Jacky VANDEPUTTE**, *Zymoptiq* / **Alexis RANNOU**, *Givaudan*

**Enzyme, sustainable solutions for industry**

- the round table discussion with speakers and members of the audience will cover:
  - **Sustainable impacts in the various currently and future applications**
  - **Waste reduction and energy savings thanks to enzyme use**
  - **enzyme development, future applications and technical, economical, regulatory and social factors influencing the enzyme market development.**

**Conference summary and recommendations for the future**

13h00-15h00

*Buffet Lunch / exhibitions / posters / networking*

**Conference ends at 15:30**

