

ENZYNOV'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, Adebiotech, **Juliette MARTIN**, Protéus by Segens

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 Segens / 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 Segens
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 DESROUSSEAU**, 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

