

ENZYNOV'2

Enzymatic Biocatalysis For Industry

Unleashing the power of Enzymes and Biocatalysis for industrial applications

October 26-27 2023 • Biocitech Paris-Romainville

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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
Accelerating sustainability through the use of enzymes

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

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

09h45-10h05 **Olivier VIDALIN**, Protéus by Seqens

Tailored-made enzymes for industrial applications: screening from diversity to enzyme engineering.

10h05-10h25 **Jean-Christophe BARET**, **University Bordeaux, CNRS UMR5031**
Microfluidics method for enzyme engineering

10h25-10h45 **Sophie BARBE**, **TBI (Toulouse Biotechnology Institute)**, Biocatalysis department
AI-powered computational design for enzyme engineering

10h45-11h00 *Coffee break / posters / networking*

11h05-11h25 **Sebastian GERGEL**, **EnginZyme (Sweden)**
EziG® – An advanced technology for enzyme immobilisation

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

11h45-12h05 **Nico SNOECK**, **BBEU Ghent Belgium**
Challenges in scaling up industrial enzyme production

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

12h30-13h00 **ROUND TABLE DISCUSSION ON SESSION 1 TOPICS**

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

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

Chair: **David GUERRAND**, **Lallemand**

14h00-14h20 **Jacky VANDEPUTTE**, **Expert innovation**
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 **Jlali MAAMER**, **Adisseo**
Enzymes for Feed

15h00-15h20 **Jean-Christophe LEC**, **Arkema**
Biocatalysis for Commodity & Speciality Chemistry

15h20-15h50 **ROUND TABLE DISCUSSION ON SESSION 2 TOPICS**

16h00-16h30 **FLASH SCIENTIFIC POSTERS PRESENTATIONS**

16h30-17h00 *Coffee break*

17h00-19h00

SESSION 3 – ENZYME INNOVATIONS FOR ENVIRONMENT AND SUSTAINABLE DEVELOPMENT

Chair: Alexis Rannou, Givaudan Active Beauty

17h00-17h20 **Sonja SALMON**, North Carolina State University (USA)
Enzymatic carbon capture

17h20-17h40 **Alain MARTY**, Carbios
Enzymatic plastic recycling

17h40-18h00 **Alexander SANDAHL**, Danish Technological Institute
EnZync: addressing difficult-to-recycle plastics with enzymes

18h00-18h20 **David DAUDÉ**, Gene&GreenTK, Proxis development group
Optimized enzymes for controlling phytopathogens

18h30-19h00 **ROUND TABLE DISCUSSION ON SESSION 3 TOPICS**

19h15-21h15

COCKTAIL and NETWORKING



Friday, October 27, 2023

8h30

Welcome coffee

9h00-10h30

SESSION 4 – COSMETICS & HEALTH

Chair: Alexis RANNOU, Givaudan Active Beauty

9h00-09h20

Florent YVERGNAUX, Solabia

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

09h20-9h40

Alexis RANNOU, Givaudan Active Beauty

How enzymes can bring stability and efficiency for cosmetics applications

9h40-10h00

Speaker to be confirmed

10h00-10h30

ROUND TABLE DISCUSSION ON SESSION 4 TOPICS

10h30-11h00

Coffee break

11h00-11h30

FLASH CORPORATE PRESENTATIONS

Clément DINCE, Protéus by Sequens

Alexis RANNOU, Givaudan Active Beauty

David GUERRAND, LALLEMAND

Luis RIVERA, Protera

Téo FOURNIER, GenoScreen

Sune CHRISTENSEN, Novozymes

11h45-12h45

FINAL ROUND TABLE AND PERSPECTIVES: Solving the bottlenecks in enzyme production and applications

Chairs: Jacky VANDEPUTTE, Expert consultant / Alexis RANNOU, Givaudan

13h00

BUFFET LUNCH

Conference ends at 15:30