



Platform Bioresources

Mission of the platform



Promote bioresource technologies as a contribution to new Green Deal

Zero pollution (bioremediation)

Circular bioeconomy (biorefineries)

Our offer:

Help to find academic partners/expertise

Build Innosuisse but also Horizon Europe projects

Organise national and international events

Member institutions

- FHNW
- HES-SO
- BFH
- SUPSI
- ZHAW
- University Basel
- ETH
- EPFL
- MCI



Scuola universitaria professionale
della Svizzera italiana

SUPSI

Hes·SO

Zürcher Hochschule
für Angewandte Wissenschaften

**zh
aw**

biotechnet
switzerland



Berner Fachhochschule
Haute école spécialisée bernoise
Bern University of Applied Sciences

ETH zürich



MCI®
MANAGEMENT CENTER
INNSBRUCK

Project example – Ingreen (H2020)



INGREEN



Bio-based ingredients for sustainable industries through biotechnology

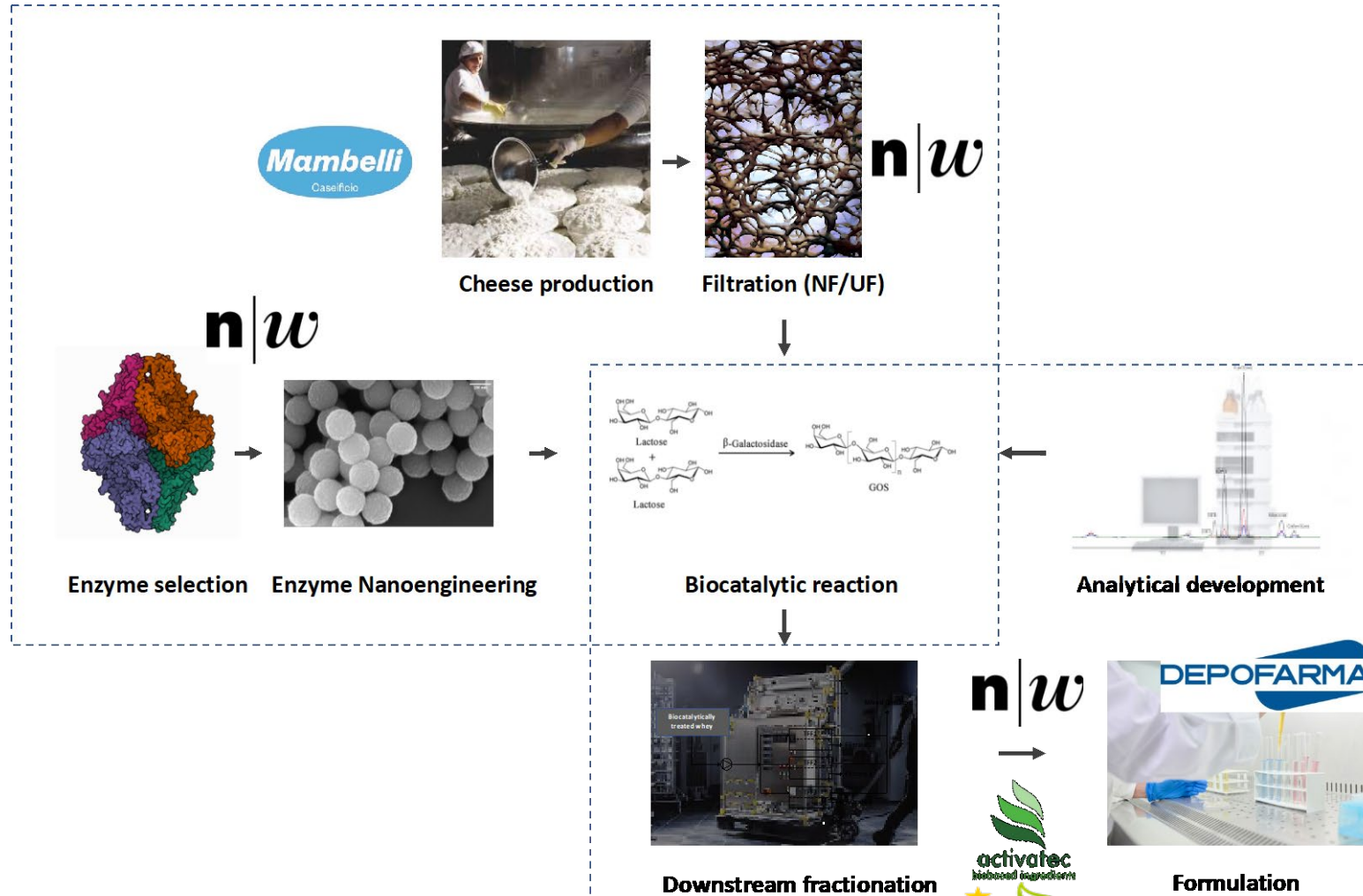
Waste streams: whey, wheat and rye bran and paper milling waste water

17 partners: 4 research and innovation partners, 4 large enterprises, 8 SMEs and an association

FHNW: GOS production for cosmetics and pharmaceuticals and toxicological testing



Galactooligosaccharides production process



Highlight 2022



The International Symposium on Biopolymers (ISBP)
September 13-16 2022 (Sion)

Chaired by Manfred Zinn and Dieter Jendrossek

- Metabolic pathways and systems engineering,
- Biosynthesis and innovations in fermentation technology,
- Building blocks and functional biopolymers
- Biodegradation and recycling of biopolymers
- Sustainable feedstocks and life cycle assessment
- Formulating and 3D-processing for applications of biopolymers in industry and medicine
- Biopolymer usage in drug delivery, cosmetics, sustainable packagings and textiles.




Key figures and numbers



- 172 participants from 27 countries
- 132 abstracts
- 4 plenary lectures (Prof. A Steinbüchel, Technical University of Lodz (PL), Prof. G.Q. Chen, Tsinghua University (CN), Prof. T Iwata, Tokyo University (J), and Mr. J. Ravenstijn, GoPHA (NL))
- Special issue in Frontiers in Biotechnology and Bioengineering

Forthcoming highlight

biootechnet
switzerland



BioRemid2023

New Dates: 29-30th of June 2023

**3rd International Meeting on
New Strategies in Bioremediation/Restoration Processes
29-30th of June 2023
FHNW Campus MuttENZ, Switzerland**

New website: <https://www.bioremid.com/>

Organised by FHNW, University of Granada and University of Porto
Specialized conference on Bioremediation (Zero Pollution)

Bioremid 2023 in a nutshell



- Plenary only
- Each session jointly chaired by academia and industry
- Expected 250 participants
- Free registration
- Plenary speakers: T. Held (Arcadis), K. Rabaey (U Gent), N. Kalogerakis (TUC), P. Castro (Catholic University of Portugal), R. Meckenstock (UDE), V. de Lorenzo (CSIC), M. Taherzadeh (Univ of Boras), K. Timmis (Helmholtz Braunschweig)



Bioremid 2023 in a nutshell



- Emerging pollutants - Plastic based materials
- Emerging pollutants - Pharmaceutical active compounds
- Priority pollutants - organics
- Priority pollutant - Heavy metals
- New bioremediation strategies and integral cycle water management
- Organic waste management of biowastes (transition towards new legal concept)
- Unique technical workshop with the 7 on-going EU projects on bioremediation:
NYPHE (Horizon Europe), MIBIREM (Horizon Europe), BIOSYSMO (Horizon Europe), SYMBIOREM (Horizon Europe), ELECTRA (H2020), EiCLaR (H2020) and GREENER (H2020)





Thank you for your attention!