



Newsletter No.5 June 2024

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A research project funded under the EU H2020 programme, developing enzymes for environmental-friendly products

Welcome from the OXIPRO Project Coordinator, Dr. Gro Bjerga

#### Welcome to our 5th Newsletter

Biotechnology and biomanufacturing are transforming diverse industrial sectors, bringing new, sustainable consumer products to market. As we look to the future, our biotech sector is fundamental to the EU's strategic goals, enhancing Europe's competitiveness and economic resilience through innovation and driving the sustainability transition. Biotechnology is one of the fastest-growing innovative industries in the EU, requiring both the willingness and capability to generate ground-breaking ideas.

In this edition, discover how OXIPRO is taking decisive actions to boost biotech. We'll delve into our latest contribution to roundtable discussions and research policy inputs that are pivotal for the upcoming review of the EU Bioeconomy Strategy. Get a taste of how OXIPRO is working to increase our innovation capacity, along with plenty of other exciting updates and news.

Thank you for joining us on this journey towards a sustainable and innovative future!



## News Summary

### OXIPRO – Boosting Biotechnology and Biomanufacturing in the EU..

In March this year, the European commission proposed a series of targeted actions to boost biotechnology and biomanufacturing in the EU which is, as stated, "one of the most promising technological areas of this century".

Find out how the OXIPRO partnership is directly addressing several of these actions.

[Read on...](#)



[OXIPRO Coordinator, NORCE, Joins EuropaBio and Science|Business in a Call for Accelerated Support of Industrial Biotechnology](#)

In a recent closed-door roundtable discussion jointly hosted by EuropaBio and Science|Business, experts emphasized the critical role of industrial biotechnology in ensuring Europe's competitiveness and innovation. NORCE, as a research institute at the forefront of enabling green industrial biotechnology and coordinator of the key EU projects such as OXIPRO, was invited as one of the participants.

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## OXIPRO's Athens Summit: Bridging Science and Industry for New Biotech-Solutions



**Annual meeting 2024**

**Athens, Greece**

The OXIPRO project team recently convened in Athens, Greece, for their third annual project meeting. Inspired by the city's rich scientific heritage, the partners kicked off the final year of this ground-breaking initiative and focused on achieving remarkable progress, beginning with a tour round the site of Rolco - our wonderful host and the partner responsible for the production of enzyme-enhanced liquid detergents.

"The most important success factor for OXIPRO is the positive, collaborative and congenial atmosphere at the meeting and the cross-disciplinary engagement where everyone is willing to engage in work which is not their own to support the project and its outcomes", says Gro Bjerga.

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## OXIPRO Unveils Game-Changing Enzyme Innovations for Greener Textiles at ESOF 2024



OXIPRO and its three sister projects: 'The Cluster Enzyme for Greener Products', joined forces to showcase how our enzyme-based innovations may translate into a reduced environmental impact of our everyday lives and consumption at the [European Science Open Forum](#) (ESOF) from 12<sup>th</sup> to 15th June in this year's 'European City of Science' Katowice, Poland.

This international interdisciplinary event attracted a large gathering of leading scientists, policymakers, journalists, business leaders, and the public to discuss cutting-edge scientific advancements and their societal impacts.

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## OXIPRO Researcher Wins Award at National Congress of Industrial Microbiology and Microbial Biotechnology

OXIPRO is extending enormous congratulations to Gerard Guerra Mas (UAB) for winning the best poster award at the IX National Congress of Industrial Microbiology and Microbial Biotechnology, held in Madrid from 10th – 12th June.

Gerard represented OXIPRO alongside Marina Gullen Montalban (UAB) who was participating in the event as an invited speaker.

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## Advancing Sustainable Consumer Products: Insights from the OXIPRO Innovation Boot Camp in Berlin

As the world grapples with environmental challenges, the need for innovative, eco-friendly consumer products has never been more pressing, but how can we build bridges from science to industry and the consumer market?

In response to this question, the OXIPRO Innovation Boot Camp convened in Berlin from April 18th to 19th, 2024. Twelve participants from OXIPRO and FuturEnzyme engaged in a series of exercises and activities aimed at fostering innovation in two key areas: detergents and sunscreens.

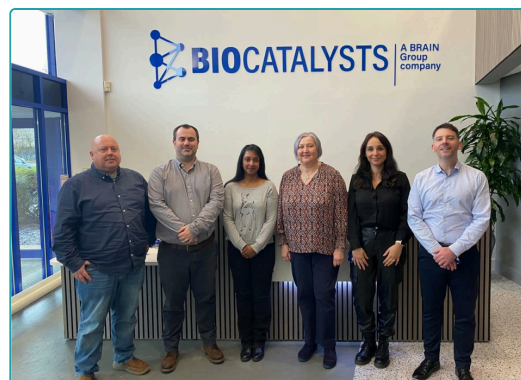
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## Meet the OXIPRO Team at Biocatalysts – Driving Enzyme Innovation

As part of our regular introduction to OXIPRO team members, in this issue we present Biocatalysts Ltd. Based in the UK, Biocatalysts is a global biotechnology company producing speciality enzymes at commercial scales for food, flavour and fragrances, pharmaceuticals, life science and fine chemical industries. The company offers both off-the-shelf enzyme products and an award-winning customised enzyme discovery, development, and manufacturing service, with the tools and flexibility to provide tailored solutions specific to customers' needs and to deliver rapid enzyme scale up from discovery through to full commercialisation.

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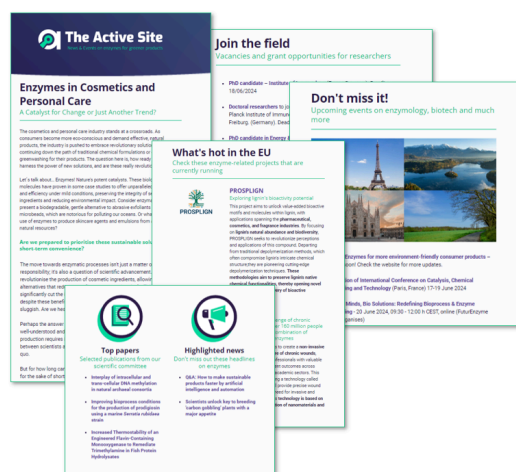
## Discover the Latest Breakthroughs in Enzyme Innovation: The Active Site Newsletter 9th Issue is Here!

We are excited to announce the release of the 9th issue of "The Active Site" newsletter, now available [here!](#) This edition is packed with exciting updates, ground-breaking research, and insightful articles that highlight the latest advancements in enzyme technology and their transformative impact across various industries.

[Read Active Site #9 here](#)  
[Subscribe to The Active Site](#)

Our sister projects are:

- [EnXylaScope](#)
- [FutuEnzyme](#)
- [Radicalz](#)



And finally...

We hope you've found this issue of OXIPRO'S news of interest.

[Check out our news page](#)

[Read back issues of our newsletter and more of our output](#)

And please [register via our website](#) to stay up to date with our developments and events.

We hold stakeholder consultations with representatives from different fields who assist us in filling knowledge gaps and identifying requirements. If you want to know how we engage those interested in OXIPRO, we've taken a "scientific approach" and [published our guide](#) on how to develop a stakeholder engagement plan.



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## About OXIPRO

OXIPRO is a four-year initiative funded under the EU's Horizon 2020 programme and brings together a multidisciplinary team of researchers and stakeholders from 15 entities across Europe to focus on the development of novel enzymes for environment-friendly consumer products.

The OXIPRO partners are developing and deploying an efficient oxidoreductase foundry using cutting-edge bioinformatics and biotechnology, and by broadening the range of industrial oxidoreductases for more sustainable processes, this initiative will ultimately contribute to the transition to environment-friendly products, with detergents, textiles, sunscreens, and nutraceuticals.

Through the integration of computational workflows and state-of-the-art biotechnological technologies, OXIPRO will expedite the lab to market journey, while shortcutting downstream implementation and ensuring market uptake. This will be supported by ecosystem intelligence generated throughout the project as well as engagement with research, policy, societal and industrial actors in co-creation and interactions to maximise output and enable faster and systemic innovations.

For more information, contact:

Project Coordinator: [Dr. Gro Bjerga](#)

Communications: [Lesley Tobin](#)

To join the OXIPRO Community and receive project updates, [please register here](#)

[hello@oxipro.eu](mailto:hello@oxipro.eu)



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