

ENZYME TECHNOLOGY ALLIANCE



We offer protein R&D across the entire value chain from protein discovery to chemo-enzymatic manufacturing and enzyme production.

The journey from a DNA sequence to a final biocatalytic process to deploy at scale requires broad expertise in R&D and manufacturing to enable success. The Enzyme Technology Alliance now allows start-ups and corporations globally to access the full scope of protein development to marketable (chemical) products. Members of the alliance are the technologically complementary biotech-SMEs Allozymes, Aminoverse B.V., Bio-Product, Candidum GmbH, Chiral-Vision B.V., Enzymicals AG and SpinChem AB comprising 80 scientific experts and more than 200 years of combined experience in managing projects ranging from enzyme discovery to facilitating cGMP enzymatic production of API's.

Allozymes Pte Ltd

79 Science Park Drive Cintech IV,
#06-05/08, / Singapore 118264
info@allozymes.com
www.allozymes.com

Aminoverse B.V.

Daelderweg 9
6361 HK Nuth / The Netherlands
info@aminoverse.com
www.aminoverse.com

Bio-Product

Nieuwe Marktstraat 54e,
6511 AA Nijmegen / The Netherlands
joosten@bio-product.com
www.bio-product.com

Candidum GmbH

Nobelstraße 15
70569 Stuttgart / Germany
contact@candidum.bio
www.candidum.com

ChiralVision B.V.

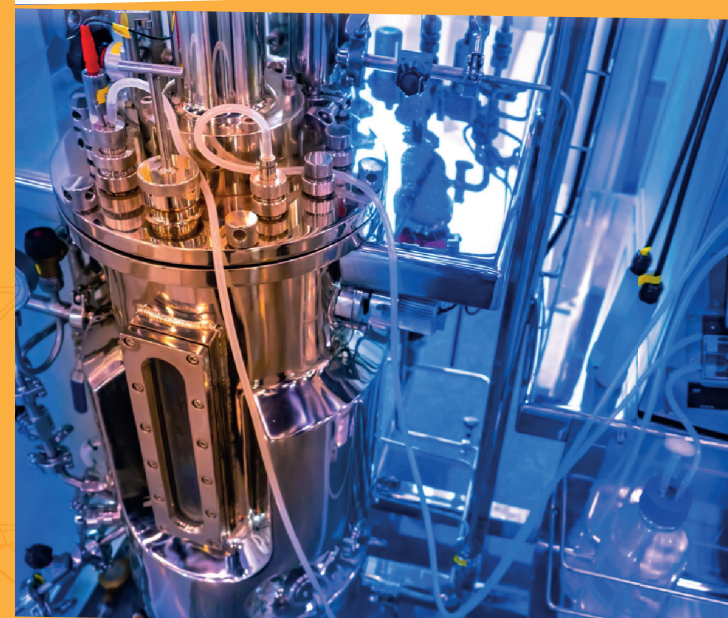
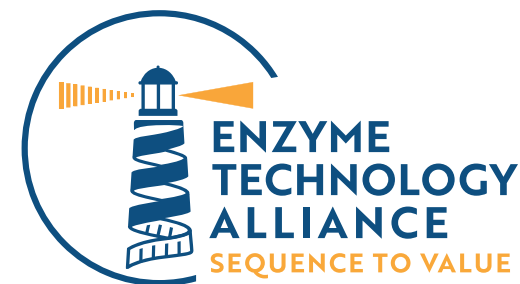
Hoog-Harnasch 44
2635 DL Den Hoon / The Netherlands
info@chiralvision.com
www.chiralvision.com

Enzymicals AG

Walther-Rathenau-Straße 49b
17489 Greifswald / Germany
info@enzymicals.com
www.enzymicals.com

SpinChem AB

Tvistevägen 48C
907 36 Umeå / Sweden
info@spinchem.com
www.spinchem.com



VALUE PROPOSITION

Under the framework of the alliance the independent partners jointly tackle complex development projects spanning from *in silico* catalyst discovery over AI-supported enzyme engineering to biocatalyst immobilization, DOE-based process intensification and scale-up of both enzyme production and the chemo-enzymatic process. Like interlocking pieces of a puzzle, the strengths of each member are combined not only to create a new point of contact for the biotech industry, but offer competitive solutions for both superior proteins and chemical entities.

HOW WE OPERATE

In order to ensure the flexibility and independence of all partners, the relationship between the companies is not exclusive and thus offers room for deviating requirements or individual preferences of the clients. A lead partner is available as main contact to the client and the other partners will be regarded as a subcontractor in collaborative projects. This approach has already been proven between the SMEs and offers clear competitive advantages while keeping administrative burden at a minimum, providing full control over the flow of confidential information and facilitating transparent IP transfer to the client.



CORE EXPERTISE & USP:

- Enzyme discovery using bioinformatics and modelling
- Next generation enzyme evolution employing state of the art *in silico* approaches and artificial intelligence
- Ultra-high throughput screening for custom enzyme development and strain optimization for enzyme production
- Tailored enzyme immobilization and enzymatic process development
- Reactor engineering and full-scale process design
- Scale-up of chemo-enzymatic processes and enzyme production
- CDMO service on industrial biocatalysis from gram to ton

