

# TRITERP DEVELOPED A PLATFORM TO PRODUCE TRITERPENOIDS

## TRITERP HAS DEVELOPED A PATENT-PROTECTED YEAST TECHNOLOGY PLATFORM TO PRODUCE TRITERPENOIDS.

Triterpenoids, one of the most diverse classes of natural products, have been used for centuries as active ingredients in essential oils and Chinese medicine, and are of interest in many industrial applications ranging from low-calorie sweeteners to cosmetic ingredients and vaccine adjuvants.

Extraction from plant material can be cumbersome not only because of the low concentrations of the triterpenoid in question, but there are also increasing concerns about the sustainability of wild plant harvesting while meeting market demand.

TriTerp has developed a patent-protected yeast technology platform to produce triterpenoids. The triterpenoid production with yeast provides many advantages and there are numerous applications of triterpenoids used in many industries.

TriTerp's proprietary yeast platform opens access to chemical space of triterpenoids with estimated 20,000 molecules. Typical examples are Betulin, Betulinic Acid, Dammarenediol, Erythrodiol, Lupeol, Oleanolic Acid, Protopanaxadiol and Squalen.

With triterpenoids, many new applications are possible in the field of anti-aging and longevity. TriTerp offers various co-operation models for specific molecules ranging from out-licensing of the technology platform to joint R&D projects.

### ABOUT TRITERP

TriTerp is a company focussed on the development of a patent-protected yeast technology platform to produce triterpenoids. The company was founded in 2022 in Switzerland by Prof. Dr. Lars Blank, Dr. Birgitta Ebert and Prof. Dr. Gunter Festel with the support of the Swiss Institute of Longevity to further develop and commercialise the technology.

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