

MUSHROOM EMPIRE

European
Biotechnology
Leader

We Are Not a Startup.

We Are a Scalable Biotech Partner
with Proprietary Delivery Technology.



MUSHROOM
EMPIRE

Risk Reduction Through Four Strategic Pillars

Four strategic pillars that position us as the premier European partner for functional ingredient innovation.

Breakthrough Technology

Proprietary ME-Glycerosorb™ technology for maximum bioavailability. Enables the creation of high-value market products.

REVOLUTIONARY DELIVERY SYSTEM

Uncompromising Quality

Guaranteed EU Compliance. 100% ecological Fruiting Bodies. Our products are Not Novel Food – eliminating regulatory risk for our partners.

ZERO REGULATORY RISK

Proven Partnership

Proven market success. We co-create innovative products like the Apple Neuro Shot, from concept to commercialization.

MARKET-VALIDATED SOLUTIONS

Regulatory & Scientific Network

Our team has actively co-authored national regulations, giving us unparalleled insight. We possess an extensive network of scientific and legislative partners, ensuring speed-to-market and eliminating entry barriers.

LEGISLATIVE EXPERTISE

Two Distinct Solutions, One Standard of Excellence

Whether you need complete synergistic profile or targeted high-efficacy action, we have the ingredient that will drive your innovation.

FULL SPECTRUM

ME-Powder™

Micronized Full-Spectrum Powder delivering the complete matrix of compounds as intended by nature.

85% particles below 5 microns

Advanced IR drying technology

100% fruiting bodies guarantee

ULTRA PREMIUM

ME-Glycerosorb™

Glycerosome-Encapsulated Extract with unprecedented bioavailability and targeted potency.

Radically enhanced bioavailability

Chitosan-stabilized delivery system

Perfect for liquid applications

The Mushroom Empire Standard vs. Market Alternative

A transparent comparison that shows why European partners choose Polish excellence.

| Feature | Mushroom Empire Standard | Market Alternative |
|-------------------------|--|--|
| Origin | 100% Poland. Full control from spore to solution | Typically Asia with opaque supply chains |
| Source Material | 100% ecological Polish fruiting bodies. Purity & potency guarantee | Often undisclosed or mycelium grown on grain |
| Key Technology | Micronization + Glycosome Delivery System | Simple hot water extraction |
| Bioavailability | Enhanced by micronization; Radically increased by glycosomes | Limited, especially for water-insoluble compounds |
| EU Regulatory Certainty | Guaranteed Compliance. Fruiting bodies are not Novel Food. | High Risk. Mycelium is unauthorized Novel Food |
| Research / Tests | Full safety panel (Pesticides 600+, Metals, ultra-Micronization) and confirmed content of active compounds (Beta-glucans, Ergothioneine, Hericenone C) | Usually only basic safety tests. Lack of or unconfirmed tests for active compounds |

From Our Lab to Your Success Story

We don't just sell ingredients; we build partnerships.
Our team supports you from initial concept, through formulation, to market-ready product.

Functional Beverage Breakthrough

Partner

Stowarzyszenie Sady Grójeckie & SSG

Challenge

Create clean-label functional beverage with noticeable nootropic benefits

Result

Market-validated, ready-to-commercialize product in 6 months

€81B

EUROPEAN FUNCTIONAL BEVERAGES MARKET BY 2035

Pioneering Dairy Applications

FUNCTIONAL FERMENTED PRODUCTS

Partner

Prof. Andrzej Babuchowski,
Dairy Innovation Institute

Challenge

Integrate nootropic benefits with fermented dairy products

Result

Positioning as pioneers in functional dairy category

\$5.8B

POLISH DAIRY MARKET VALUE

Production Scale & Supply Chain Certainty

Immediate capacity to serve large B2B contracts with clear path to European market leadership.

4,000 kg

CURRENT PRODUCTION

6,000 kg

MAXIMUM CAPACITY
WITHOUT ADDITIONAL INVESTMENT

35,000 kg

MONTHLY CAPACITY
(FULL SCALE)

After planned
modernization investment

**Certificate
of Organic Farming
& Global G.A.P.**

MONTHLY
PRODUCTION CAPACITY
(FULL SCALE)

GMP & HACCP
certified production

Regulatory Certainty

100% fruiting bodies guarantee ensures EU Novel Food compliance, protecting your brand from regulatory risks that affect mycelium-based competitors.

EU COMPLIANT BY DESIGN

Supply Chain Control

Complete Polish production chain from certified substrates to final product, eliminating import uncertainties and ensuring consistent quality.

ZERO IMPORT DEPENDENCIES

Ready to Build the Next Generation of Functional Products?

We are seeking strategic B2B partners to co-innovate and dominate the global nutraceutical and functional food markets. See how our technology can enhance your portfolio.

www.mushroomempire.eu


**MUSHROOM
EMPIRE**