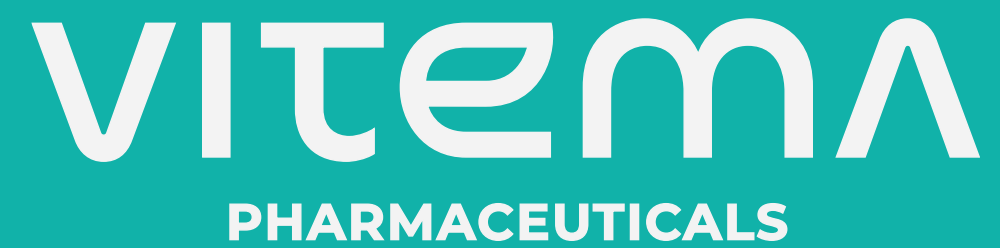


VITeMA

PHARMACEUTICALS



***FROM VISION TO SHELF:
YOUR TRUSTED PARTNER FOR
CONTRACT MANUFACTURING***



ABOUT VITEMA

Vitema Pharmaceuticals is one of the world's largest and most modern GMP-certified Pharmaceutical manufacturing facilities in Europe.

Located in Sibiu, it is well connected to European and RCS countries by road and air as it benefits from direct access to both **Sibiu International Airport** and the **A1 Highway**, a part of the **Pan European Corridor**.

A CENTER OF EXCELLENCE TAILORED TO MEET CUSTOMERS' NEEDS

We can assist you with product development from start to finish, which includes an entire team devoted to delivering a problem-free experience and product.

Our goal is to provide you with unique technologies, products, and services that ultimately allow you to differentiate your brand and deliver superior formulas to your consumers.





**OUR MISSION IS TO
ENABLE OUR CUSTOMERS
TO CREATE A HEALTHIER
AND BETTER WORLD.**

“Consistently building and leveraging an ecosystem that enables innovation and creates value for all our stakeholders.”

THE PRODUCTS WE MANUFACTURE ON BEHALF OF OUR CLIENTS POSITIVELY IMPACT THE LIVES OF MILLIONS OF PATIENTS AROUND THE WORLD

100M €
investment
technology &
research

60
countries
exports

+20M
commercial
units

100%
automation
state-of-the-art
equipment

The investment has substantially expanded our addressable market positioning Vitema Pharmaceuticals as the partner of choice in pharma and consumer healthcare for the global market.

The unmatched depth of capabilities makes Vitema Pharmaceuticals a center of excellence for reliable medicines production and packaging.

VITEMA
PHARMACEUTICALS

WHY CHOOSE US?



CONFIDENCE

All our products are manufactured to the **highest EU standards**, complying with our Pharmaceutical GMP Certification.*

Moreover, our accredited in-house laboratory can offer the certification of the label content compliance. The products we manufacture undergo several quality control tests throughout the entire production flow: from raw material, intermediate product to finished product.

*Pharmaceutical GMP Certification is subject to the highest level of scrutiny and regulation due to the stringent requirements necessary to ensure the safety, efficacy, and consistency of pharmaceutical drugs, whereas GMP standards for food supplements, while important, are typically less complex and rigorous because dietary supplements are considered a different category of products with lower inherent risks.



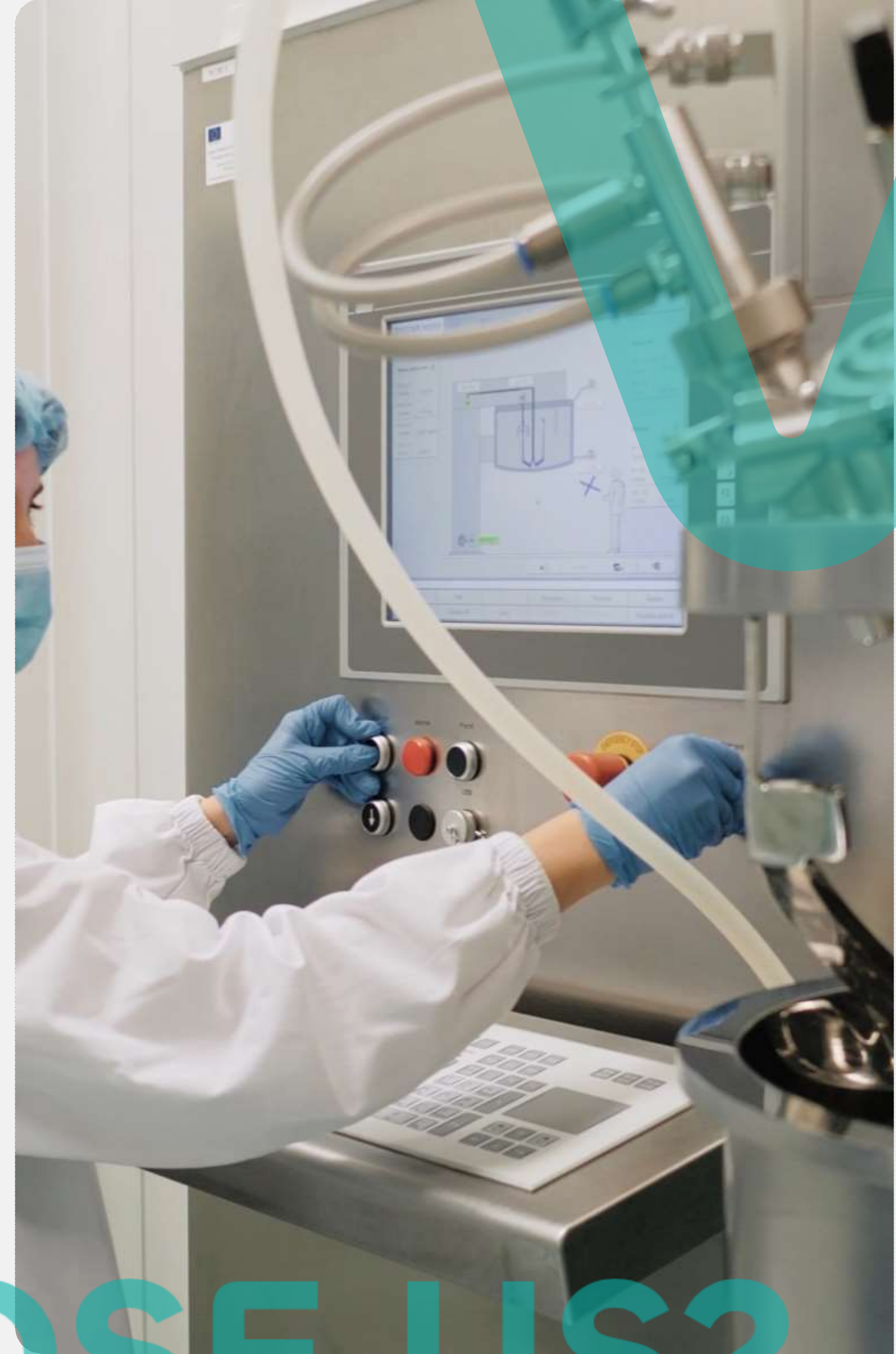
QUALITY

We offer the finest quality standard products or tailor-made formulations designed to meet your specific requirements.

Our fully automated production equipment ensures the precise and consistent manufacturing of every product batch.

Thanks to our state-of-the-art quality control capabilities our medicines production facility excels in comprehensive quality control.

Our advanced tools enable us to conduct thorough microbiological assessments and meticulously oversee critical factors such as the active substance, impurities, particle size, and water content, ensuring the highest standard of product quality.



PRICE

Our global network of suppliers gives us a strategic edge. By tapping into a diverse pool of cost-effective suppliers worldwide, we can secure raw materials and components at competitive rates.

Our highly competitive pricing advantage is also made possible by our substantial production capacity of 3.5 billion tablets and capsules per year, combined with the efficiency of our fully automated production equipment.

This translates to significant cost savings that we pass on to our valued clients, ensuring our pricing remains highly competitive.



SPEED

Our fully automated equipment accelerates the production process, reducing manufacturing cycle times. This allows for quicker turnaround times, meeting market demand more effectively and allowing for rapid responses to changes in demand.

The agility we offer is made possible by our integrated approach, where every aspect of the process, from production to quality control and packing is done through a streamlined in-house coordinated process.

Our lead time on a new product is under 12 weeks from order to delivery.



INNOVATION

Our highly skilled and knowledgeable team in our R&D department excels in formulating, process optimization, and dosage form innovation.

We leverage innovative technologies and platforms to drive drug development, ensuring that we stay at the forefront of pharmaceutical advancements, offering our clients products that are both pioneering and effective.



WHY CHOOSE US?

SUSTAINABILITY

Our state-of-the-art technologies optimize our production lines, reducing resource consumption, energy usage and raw materials wastage.

We take pride in our dedication to responsible sourcing. We partner with suppliers who share our sustainability values.

This commitment extends to the sourcing of raw materials and ingredients, ensuring that our supply chain is aligned with environmentally conscious practices.

We actively seek and promote sustainable packaging options. By using eco-friendly materials, we aim to reduce waste and minimize the impact of our products on the environment.



PACKAGING

Through partners we offer a wide range of standard and bespoke packaging solutions including bottling, blistering, packaging in boxes or sachets and labelling.

Our highly experienced marketing team can provide design support to create packaging that not only looks appealing but also ensures product safety, integrity, and user-friendliness.

This holistic approach enhances the overall presentation and marketability of our clients' products.

We offer secure and tamper-proof packaging solutions that safeguard the integrity of our products, reassuring both our clients but also the end consumers.



SUPPLY CHAIN

Our proficiency in supply chain management and inventory control guarantees a streamlined global distribution process.

We prioritize timely access to raw materials ensuring an uninterrupted production process.

We ensure the dependable delivery of finished products worldwide by means of transport equipped to handle and carry finished products respecting all levels of temperature requirements.

We recognize that supply chain disruptions can be costly and detrimental therefore we have implemented robust risk mitigation strategies. This includes contingency plans, alternative sourcing options, and redundancy measures to address unforeseen challenges and ensure product delivery on schedule.



VITEMA
PHARMACEUTICALS

**CONTRACT
MANUFACTURING**

CONTRACT MANUFACTURING

At Vitema Pharmaceuticals we're specialized in contract manufacturing.

We pride ourselves on understanding customers' needs and on delivering 'right first time' and on time.



Capsules



Tablets



Chewable
Tablets



Lozenges



Powders



Injectables

We can develop **capsules & tablets, powders and shots** as well as **injectables, pre-filled syringes and vials**.

We can handle anything from small-scale to large scale manufacturing, giving our clients access to cutting-edge products and services.

Our integrated business structure enables us to cater the business opportunities throughout the value chain from research to delivery of pharmaceutical products across all consumer healthcare segments.

PHARMACEUTICAL FORMS



TABLETS

- Greatest dose precision
- Lowest cost: suited for large scale production
- Easy to package and ship
- Simple identification: logos imprinted
- Enteric or delayed release
- Tamperproof: difficult to alter
- Taste masking through coating
- Easy to package and ship



CAPSULES

- Fast absorption
- Odor and taste masking
- Protection of sensitive ingredients
- Allows combination of incompatible ingredients
- Reduced interaction with fillers: fewer excipients
- Branding & distinctive appearance



POWDERS

- Faster absorption
- Reduced excipients
- Shorter production time
- No size limitations
- Long shelf life
- Taste and flavors customization
- Ideal for patients with difficulty swallowing
- Suitable for children and infants



CHEWABLE TABS

- Fast absorption
- Quick onset of action
- Improved compliance
- Enhanced local action
- Reduced gastrointestinal irritation
- Taste and flavors customization
- Convenience: on the go solution
- Suitable for patients with difficulty swallowing



LOZENGES

- Targeted relief for throat and oral conditions
- Slow release for prolonged effect
- Taste and flavors customization
- Safety profile: reduced side effects due to low systemic absorption
- Convenience: on the go solution
- Consumer friendly pharmaceutical form



INJECTABLES

- Precise dosing
- Flexible Formulations
- Quick onset of action
- Improved acceptability & compliance
- Taste and flavors customization
- Ease of administration & portability
- Reduced excipients
- Consumer friendly

PRIVATE LABEL MANUFACTURING

Having a manufacturing facility for therapeutic oral solid medicines with a current annual capacity of 3.5 billion tablets and capsules per year makes us one of Europe's largest manufacturing GMP pharmaceutical facilities.

When it comes to our filling capabilities, we can produce capsules at up to **180,000 / hour** and tablets at **290,000 / hour**.

Also, we can fully tailor the packing requirements to your needs, as we can handle large, **600 blisters / minute** and **300 boxes / minute**, and smaller quantities at **210 blisters / minute** all with ease and full automation.



MANUFACTURING FACILITY

33,000m² of research labs and manufacturing units in Sibiu, Romania can provide the expertise and support to develop bespoke products tailored to your needs to help your brand stand out on the shelf.

Our high capacity site has been established for 20 years and boasts a proven track record for the development and production of the highest quality pharmaceutical products.

This commitment is confirmed by our EU GMP certifications and authorization to conduct clinical trials on-site.

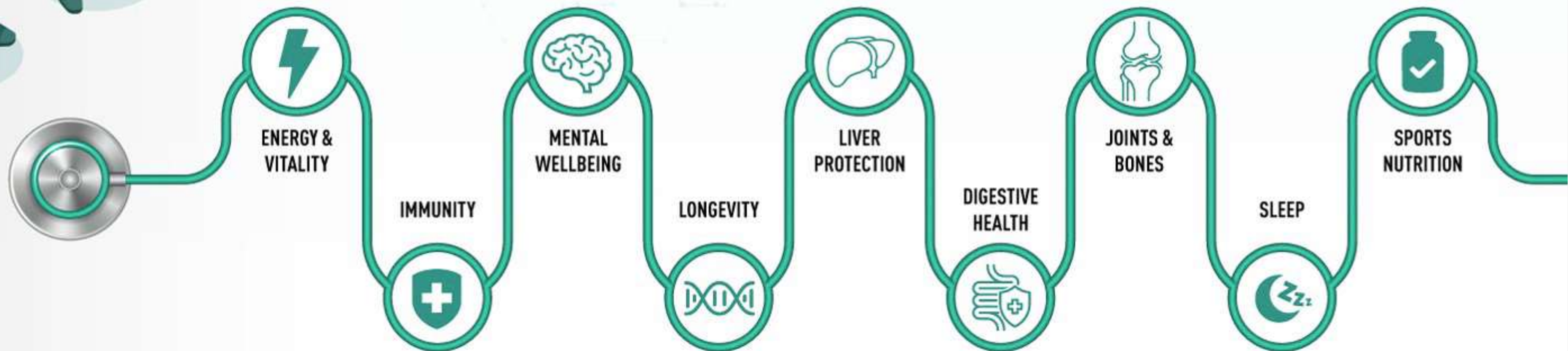
4 buildings, 33,000m², storage for 2,800 pallets, 100% automation, >€100 million invested in 10 years

>20 million commercial units/year production, ISO & GMP certifications, food safety management system

We have several state-of-the-art laboratories and R&D Center staffed with highly-qualified professionals.



THERAPEUTIC AREAS



Energy & Vitality



The Global Energy Supplements Market size is valued at US \$84.5 Billion and is forecasted to grow at a CAGR of 6.9% from 2023 to 2029, reaching nearly US \$134.8 Billion.¹

The broad topic of fatigue and energy is related to nutrient status, metabolism and energetics, exercise, physiology, psychology, neurobiology, oxidative stress, inflammation, sleep, and many body systems.

The energy supplements are formulated with ingredients such as vitamins, minerals, caffeine, amino acids and herbal extracts.

Active substances of most interest:

- Caffeine
- Guarana
- Theanine
- Biotin
- Creatine



*1. <https://www.maximizemarketresearch.com/market-report/energy-supplements-market/193885/>

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Immunity



The Immune Health Supplements market is poised for substantial growth, with a projected value of US \$25.4 Billion in 2023. By 2033 the market is estimated to reach US \$63.5 Billion reflecting a CAGR of 10.4% from 2023 to 2033.¹

Vitamin C supplements are widely consumed for immune health, with consumer recognizing their benefits in fighting infections.

Herbal supplements like echinacea, elderberry and astragalus are gaining popularity as natural immune boosters.

Active substances of most interest:

- Vitamin C
- Vitamin D
- Zinc
- Ginseng
- Elderberry
- Echinacea



*1. <https://www.futuremarketinsights.com/reports/immune-health-supplements-market>

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Mental Wellbeing



The Mental Wellness market size is valued at US \$140.2 Billion and is predicted to reach US \$274.9 Billion by 2031 at an 8% CAGR during the forecast period of 2023-2031.¹

Worldwide the prevalence of mental health disease is currently rising. This is one of the main causes supporting the market's growth along with modern lifestyle, post-coronavirus experience, post-trauma or abuse, and biological variables like genes or brain chemistry

Active substances of most interest:

- Magnesium
- Vitamin B6
- Ashwagandha
- Lion's Mane
- Ginkgo biloba
- DHA



*1. <https://www.insightanalytics.com/report/global-mental-wellness-market/1330>

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Longevity

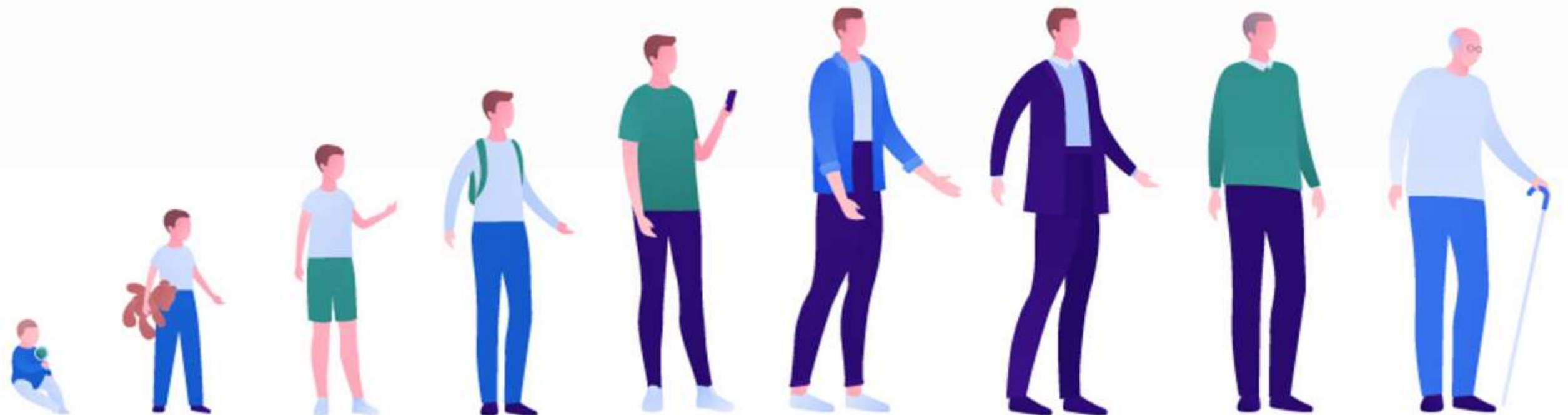
The Global Longevity and Anti-senescence Therapy Market is projected to reach US \$44.2 Billion by 2030 at 6.1% CAGR.¹

Rise in prevalence of chronic diseases, surge in awareness about anti-aging products, and advancements in AI-driven medical technology drive the growth of the global longevity and anti-senescence therapy market.

Moreover, increase in geriatric population and increase in the demand for personalized, precise, preventive, and participatory aging treatments contribute toward the growth of the market.

Active substances of most interest:

- NAD+ precursors
- Glycine
- N-acetyl cysteine
- Alpha-ketoglutarate
- Astragalus



*1. <https://www.alliedmarketresearch.com/longevity-and-anti-senescence-therapy-market-A14010>

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Liver protection



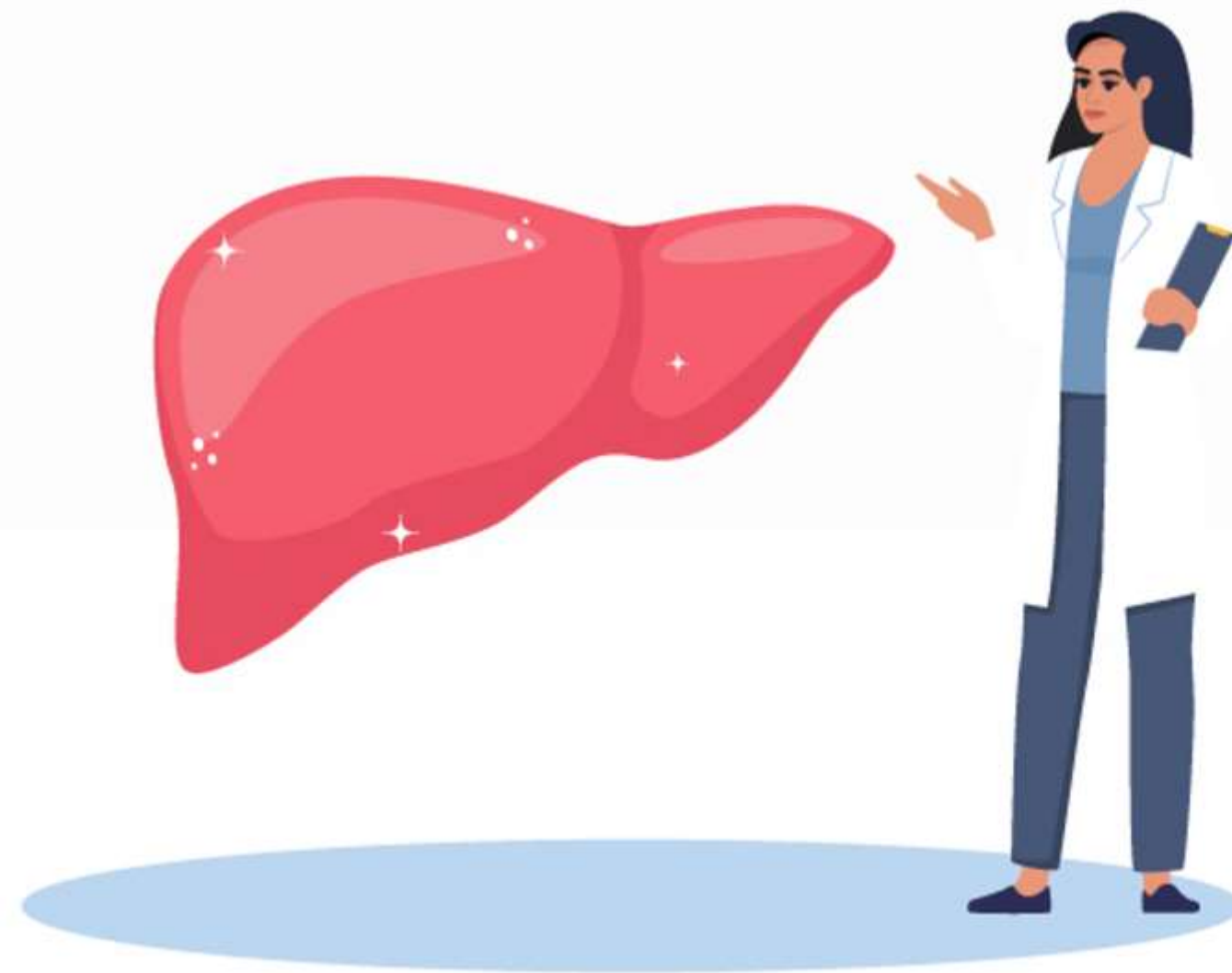
The global liver health supplements market size is valued at US \$9.4 Billion and it is predicted to reach US \$14.7 Billion until 2032, at a CAGR of 5.6% in the forecast period of 2023-2032.¹

The surging case of obesity and rising incidence of fatty liver disease are some of the factors that are likely to augment the market.

The rising prevalence of liver diseases has increased concerns among consumers about liver health, thereby driving the adoption of the supplements for liver protection.

Active substances of most interest:

- Choline
- Milk thistle
- Essential Phospholipids
- Vitamin E
- Resveratrol



*1. <https://www.futuremarketinsights.com/reports/liver-health-supplements-market>

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Digestive Health



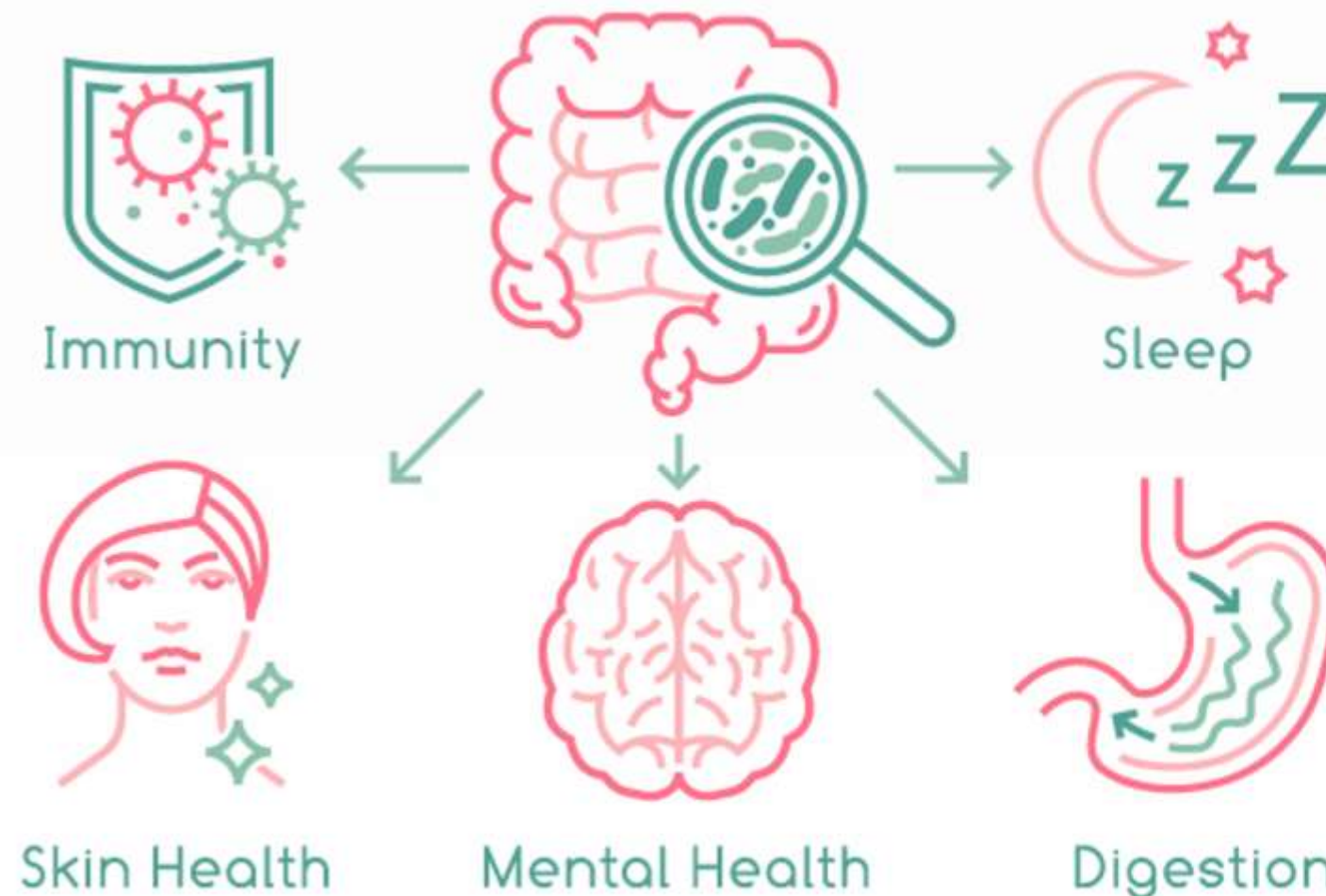
The Global Digestive Health Supplements market size is valued at US \$12.7 Billion in 2023 and is predicted to reach US \$21.8 Billion by 2030, at a CAGR of 8% during the forecast period of 2023-2030.¹

The global digestive health supplements market continues to expand as consumers prioritize gut well-being.

Growing awareness of the gut-brain connection and the role of digestive health in overall wellness drives demand.

Active substances of most interest:

- Bifidobacterium bifidum
- Lactobacillus acidophilus
- Peppermint
- Inulin
- Psyllium



*1. <https://www.skyquestt.com/report/digestive-health-supplements-market>

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Joints & Bones



The Global Joints & Bones health supplements market size is valued at US \$12.85 Billion in 2023 and is expected to grow to US \$17.54 Billion in 2027 at a CAGR of 8%.¹

The rapidly growing geriatric population, increasing prevalence of orthopedic disorders, and rising awareness regarding micronutrient deficiencies are some of the factors driving the industry.

Bone health is a major concern for postmenopausal women as osteoporosis is likely to affect nearly one in three postmenopausal women, resulting in brittle bones and a high risk of fractures and associated problems.

Active substances of most interest:

- Calcium
- Vitamin D
- Vitamin K2
- Chondroitin
- Glucosamine
- Omega 3



*1. <https://www.researchandmarkets.com/report/joint-health-supplement>

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Sleep



The Global Sleep Aids market size is estimated at US \$78 Billion and is expected to reach around US \$131.3 Billion by 2032, poised to grow at a CAGR of 5.40% during the forecast period 2023 to 2032.¹

Insomnia is a widespread, often chronic, disorder that affects 5–15% of the general population and is associated with a great reduction in quality of life.

The increase in the elderly and overweight people as well as the change in lifestyle of general population and the growing demand for worthy healthcare have all directed to a rise in sleep aids market size.

Active substances of most interest:

- Melatonin
- Apigenin
- Valerian
- Lavender
- Kava



*1. <https://www.precedenceresearch.com/sleep-aids-market>

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Sports Nutrition



The Global Sports Nutrition market size is valued at US \$42.9 Billion and is expected to expand to reach US \$81.8 Billion by 2030, at a compound annual growth rate (CAGR) of 7.4% from 2023 to 2030.

A growing preference for healthy and active living, young consumers adopting fitness as a central concept in their lifestyle are just some of the factors driving the market growth.

Based on type, the global market is segregated into protein powder, ISO drink powder, sports supplements, RTD protein drinks, sports drinks, energy bars, and others. Powder formulations account for the largest share of over 40% in the category.

Active substances of most interest:

- Creatine
- Whey Protein
- BCAA
- Beta Alanine
- Citrulline



*1. <https://www.grandviewresearch.com/press-release/global-sports-nutrition-market>

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VITEMA
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CAPABILITIES

Key Features & Capabilities

ENGINEERING & UTILITIES

Ventilation and air conditioning system filtered by the self-changing unit filters

Uninterrupted power supply

Boilers (raw steam generation)

Total classified area AHU's controlled through Building Management System and Environmental Management System

Breakdown, preventive maintenance & calibration activity handled through digital systemic schedule



QUALITY CONTROL

Equipped with HPLC, GC, UV, AS, IC, XRD, LBPC and Malvern particle size counter

Chromatographic Data Management and Laboratory control through Empower software

Sterility testing performed in closed system

Stability performed for all climatic zones as per regulatory requirements



KEY FEATURES & CAPABILITIES

WAREHOUSE

2,800 pallet capacity

Designed for optimal logistics access

Integrated material identification & management system through ERP

Storage facility for materials at room temp and low temp

Separate sampling and dispensing rooms

EU GMP CERTIFICATIONS

General solid dosage forms flow

Cytotoxic Solid dosage forms flow

ISO 9001 & ISO 22000

Food safety management system standard integrating Hazard Analysis Critical Control Point principle food safety

Authorization for clinical trials

In-house qualified personnel



VITEMA
PHARMACEUTICALS

SUMMARY



Build Your Own Brand

1 DISCUSS

Let's talk about your idea or opportunity. Using our experience, you can jump start your project.

2 FORMULATE

We formulate your products and present you with a commercial proposal.

3 DEVELOP

Depending on your requirement, we can develop the product in our NPD laboratory for your approval.

4 MANUFACTURE

We manufacture your new product in our modern and efficient GMP approved facility.

5 QUALITY CONTROL

Your product is subject to strict Quality Control checks throughout the manufacturing and packing process.

6 PACKAGING

We pack your exciting new product to the agreed format, ready for onward despatch to your new happy customers.

VITEMA
PHARMACEUTICALS

OUR PLAN

OUR PLAN

OPPORTUNITY

The global market is enjoying huge growth and demand is projected to remain strong.

PRODUCT

Our extensive product range suits all wellness goals, abilities and supplement needs

CREDIBILITY

GMP standard production plant, equipped with the best technology in the world.

PRICING

By handling all sourcing, labs & production internally, we can be competitive on price

CAPABILITY

We are a collaboration of leading nutritionists, biologists, pharmacists and fitness experts

MANUFACTURE

Our state-of-the-art high-capacity site provides the scale and expertise to meet any demand

BRAND

The brands we create are globally recognized enjoying considerable salience and value

CONSUMERS

Our products are tuned in to the hearts and minds of the contemporary health & wellness consumer

WHY VITEMA PHARMACEUTICALS?

Vitema Pharmaceuticals is a unique pharma, health & wellness, anti-aging and sports nutrition business continuously striving to push the boundaries of what's possible.

We have all the key ingredients to be successful: the skills, deep expertise and vision that make us uniquely placed to fulfill your aims.

In a highly competitive global category, we will be at the forefront of innovative solutions covering product formulation, tech and manufacturing expertise.

Our mission is to revolutionize the way holistic health, wellness and nutrition is perceived and practiced.

Our expansion plans will give us a truly global footprint, replicating our tried and tested in-market model.

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