

MAGISNAT[®]

The science behind the natural molecules and the Mediterranean diet

A Scientific Approach to Well-Being: Personalized OMICS Testing and Dietary Supplementation



Since 1879

Bertelli uses extracts from typical plants of the Mediterranean diet.



ABOUT US

OUR STORY

In 2006, the MAGI Group was established in Italy by **Dr. Matteo Bertelli, MD, PhD**, with a mission to explore **Non-Communicable Diseases (NCDs) using omics sciences**. Through **genomic, metabolomic, and proteomic** analyses, our research sought to **identify and rebalance key mechanisms** within the body using **natural molecules**.

During Dr. Bertelli's research journey, the MAGI Group had the privilege of engaging in **significant collaborations**, including renowned figures such as **Prof. Rita Levi-Montalcini**, Nobel laureate in Medicine in 1986; **Prof. Aaron Ciechanover**, Nobel laureate in Chemistry in 2004, and **Prof. Lucio Luzzatto**, a Nobel Prize nominee. These three luminaries played pivotal roles in the early research conducted by Dr. Bertelli.



Our journey began by unlocking the potential of **physiologically impactful molecules found in Mediterranean diet plants**. This led us to **omics-based studies**, focusing on creating **targeted dietary supplements to optimize metabolic processes**.

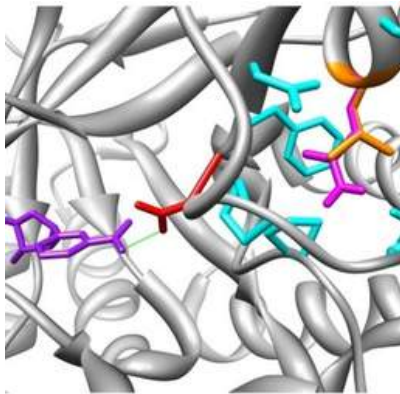
Central to our story is the legacy of **Achille Bertelli**, an **ancestor** of Dr. Matteo Bertelli, who founded a company in **San Francisco** to study the **natural molecules** for disease prevention in thover a century ago.

Inspired by this legacy, Dr. Matteo Bertelli founded **MAGISNAT** at the **Atlanta Tech Park in Peachtree Corners, GA, USA**, where we continue to push the boundaries of scientific innovation and improve global well-being.

ABOUT US

A LEADER IN SCIENTIFIC RESEARCH

Throughout MAGI's scientific journey, Dr. Bertelli has spearheaded research in the field of **NCDs**, focusing on **innovative approaches** that leverage **omics analyses** to identify **key altered mechanisms in the body** underlying these conditions. In doing so, he has studied various disorders, including **Lymphedema, Lipedema, Obesity, Retinal Dystrophy, Anorexia, Infertility, Cancer, Chronic Fatigue**, and many more.



Over the course of his scientific career, he has authored **over 250 scientific articles** in high-impact journals, **obtained 6 patents**, and **developed genomic, metabolomic, and proteomic tests**, as well as **dietary supplements**, all aimed at enhancing people's well-being. An exemplar of this approach was the **discovery of the role of the AKR1C1 gene** in the pathogenesis of Lipedema, leading to the exploration of therapeutic approaches based on natural molecules found in **Mediterranean diet plants**.

A Visionary Pursuit of Preventative Healthcare



Dr. Bertelli aimed to expand MAGISNAT in the USA, **specifically in the state of Georgia**, at the **Atlanta Tech Park**, due to the high prevalence of **NCDs**. His vision was to further **innovate his research and services** for people through potential **collaborations** with esteemed institutions like the **CDC** (Centers for Disease Control and Prevention) and **Emory University**.

OUR MISSION

OUR VISION

Dedicated research in **OMICS sciences** focused on **Non-Communicable Diseases (NCDs)** has allowed us to unravel the intricacies of the **human body's major metabolic pathways**. This profound understanding has led us to develop a groundbreaking range of **genomic, metabolic, and proteomic tests**, revolutionizing the landscape of **personalized well-being**.



Moreover, we've identified **specific natural compounds** found in the **typical plants of the Mediterranean diet**, including **polyphenols, vitamins, and essential microelements**. These compounds possess the ability to **restore any altered metabolic mechanisms** within the human body. Leveraging OMICS sciences, we've meticulously **crafted dietary supplements, each scientifically formulated at proven concentrations**.

Our mission extends **beyond supplement formulation**. Our OMICS tests are designed for **continuous monitoring**, assessing the **effectiveness** of our dietary supplements and their **impact on metabolism**. It's a perpetual **cycle of research, development, and innovation**.



At the **core** of our mission lies an unwavering commitment to promoting **innovative ideas**, providing services that **enhance people's well-being**, and advancing **scientific progress** through the development of **patents**.

COMPANY STRUCTURE AND CERTIFICATIONS

MAGISNAT COMPANY STRUCTURE

At MAGISNAT, we've **meticulously crafted our organizational structure** to harmonize with our core mission of elevating well-being through personalized nutrition and cutting-edge omics-based health solutions.

MAGISNAT Inc.

- **Established:** Founded under the visionary leadership of Dr. Matteo Bertelli, President of MAGI's Lab SRL, on September 8, 2023.
- **Headquarters:** Atlanta Tech Park, precisely at 107 Technology Parkway, Suite 801, Peachtree Corners, GA, 30092, USA.
- **Ownership:** MAGI's Lab SRL, our Italian biotechnology powerhouse.

MAGISNAT OMICS LLC

- **Established:** by MAGISNAT Inc. on September 13, 2023.
- **Headquarters:** Atlanta Tech Park, situated at 107 Technology Parkway, Suite 993, Peachtree Corners, GA, 30092, USA.
- **Ownership:** MAGISNAT Inc., Matteo Bertelli; Kevin Donato; and Pietro Chiurazzi.

COMPANY CERTIFICATIONS

Our company is dedicated to upholding the highest standards of legality, safety, and quality for our dietary supplements.



- **FDA Certification:** We prioritize legal compliance, safety, and quality for our dietary supplements, ensuring adherence to FDA regulations with the assistance of regulatory consultants.



- **cGMP Certification:** Our commitment to Good Manufacturing Practices (cGMP) across the supply chain guarantees product quality and safety, from formulation to market release.



- **Trademark Registrations:** We're in the process of trademark registration with the United States Patent and Trademark Office (USPTO) for "MAGISNAT" and "Dr. Matteo Bertelli," securing our brand identity.



- **Council for Responsible Nutrition (CRN) Membership:** As CRN members, we prioritize transparency, traceability, product safety, and scientific substantiation in dietary supplement development, investing in scientific research for evidence-based benefits.

OUR TEAM



Dr. Matteo Bertelli, MD, PhD, specializes in Molecular Genetics and omics sciences for personalized nutrition and lifestyle, contributing significantly to the **intersection of genetics, diet, and health**. With extensive experience and a strong knowledge base in OMICS sciences and personalized medicine, he has dedicated years of study and research to the application of genetic information to understand how diet and lifestyle can be personalized to promote health and prevent diseases.



Kevin Donato, M.Sc., PhD Student, holds a master's degree in Chemistry and conducts groundbreaking research on natural molecules from Mediterranean diet plants. **His work involves developing patents and identifying diet-related metabolic biomarkers through OMICS sciences.**



Prof. Pietro Chiurazzi, MD, PhD, a Medical Genetics Professor at Fondazione Policlinico Universitario "A. Gemelli" IRCCS, Rome, **specializes in the Fragile X syndrome** and has extensive experience in the field.

WHAT WE OFFER

Through **rigorous scientific inquiry**, we've harnessed the power of **omics-based tests**, including **genomics, metabolomics, and proteomics**. This research has led to the development of scientifically substantiated **dietary supplements** and **groundbreaking patented concepts**. All these elements come together in a meticulously crafted, personalized approach **to enhancing health and well-being**.

DIETARY SUPPLEMENTS

Our supplements harness the power of Mediterranean diet plant-derived molecules, **carefully crafted after 15 years of research** into their profound effects on human health. They precisely target and support vulnerable aspects of altered metabolic processes.



OMIC TESTS

MAGISNAT develops research and products using Mediterranean diet plant-derived natural molecules. We employ omics approaches - **genomics, metabolomics and proteomics** - to pinpoint body function alterations and personalize dietary supplementation with our products.

DNA General Wellness Test

This test is designed to study Genetic Polymorphisms (SNPs) that impact the metabolism of individual nutrients by focusing on nutritional biochemical pathways that may need dietary supplementation.

DNA Lifestyle Optimizer Test

Genetic test targeting variants linked to conditions such as lymphedema, obesity, lipedema, and chronic fatigue.

Metabolomic Profile Wellness Test

Test that analyzes body's multiple processes by analyzing metabolites that are involved in specific conditions.

Proteomic Profile Wellness Test

Test that analyzes body's multiple processes by analyzing proteins that are involved in specific conditions.

OUR APPROACH TO PERSONALIZED DIETARY INTEGRATION

Our approach to **personalized dietary integration** is founded on the **data** derived from **omics tests**, which enable us to gain **deep insights** into the body's **key metabolic mechanisms**. With this knowledge, we craft dietary supplements **tailored to target these critical areas**, providing **precise support** where your body needs it most.



Omics Testing: Discover Your Personalized Report

Embrace the results of omics tests to discover the secrets of your vulnerabilities and needs.



Selection of the Right Dietary Supplement for You

Choosing a dietary supplement should not be based only on the claims but must also stem from the personalized information of each individual.



Monitoring for Excellence

Only through careful monitoring, made possible by omics tests, you can gain the maximum benefit from the supplements.



Science at the Core

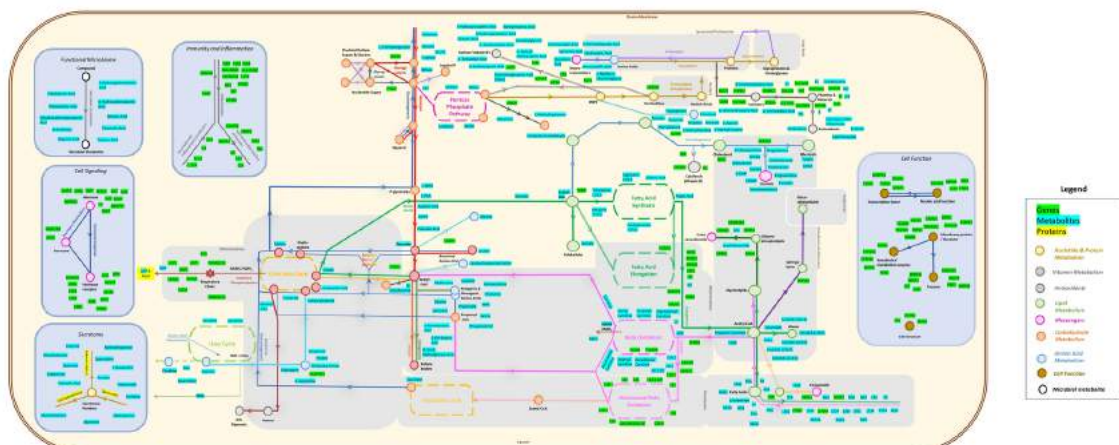
Every formulation is the result of the scientific research conducted by MAGISNAT at the Atlanta Tech Park.

Integrated Approach: Omics Pathway Analysis and Dietary Supplements

With **advanced omics techniques**, MAGISNAT delves into **vital human body pathways**, unveiling **molecular-level insights**. This informs personalized nutritional plans, prioritizing individual uniqueness **for optimal customized nutrition**. This lead us to develop our “OMICS Machine”

OMICS MACHINE

A model to analyze, at a multiomic level, the main metabolic pathways of our body, identify deficiencies and vulnerabilities, suggest personalized supplementation, and monitor the results.



Note: Biochemical pathways of the organism involving genes, metabolites, and proteins. Expand the scope of your interest or search within individual products to identify the relevant pathways.

THEY SAY ABOUT US

OUR SCIENTIFIC DIVULGATION

At MAGISNAT, our unwavering commitment to **scientific development**, continuous **research**, and **innovation** forms the **bedrock of our mission**. We believe in the transformative power of **knowledge**, and we continually strive to strengthen and reinforce these principles.

Our dedicated team, comprised of distinguished **professors and researchers from across the globe**, gathers weekly to **deliberate on a wide array of pertinent topics**. These discussions encompass **scientific research**, the pursuit of **innovative patents** that hold the promise of enhancing societal well-being and advancing the frontiers of science and research. Our aim is to not only develop and exclusively market these groundbreaking inventions but also to cultivate the commercial potential of dietary supplements based on **natural molecules**. To achieve this goal we do:



- **Scientific Publications:** Our research thrives on scientific exploration. Our international team of professors and researchers **convenes regularly to delve into advanced scientific studies** and pioneering patents aimed at societal well-being. Our goal is to develop and introduce these inventions, leveraging the commercial potential of natural molecules.



- **Press Releases:** We actively share insights from our **omics-based tests, cutting-edge dietary supplements, and groundbreaking scientific research through press releases**. These documents underscore our commitment to transparency and the dissemination of knowledge.

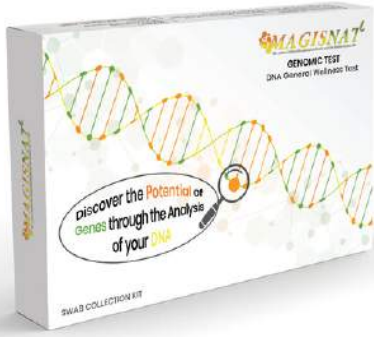


- **Ambassadors:** Explore testimonials from our Ambassadors, showcasing the **tangible impact of our products and scientific outreach initiatives**. Their experiences reflect our enduring dedication to well-being and scientific advancement.



- **Amazon Customers:** We receive positive reviews from our customers on Amazon for our dietary supplements. Our customers' feedback is a **testament to the quality and effectiveness of our products**, and it **inspires us** to continue providing **science-based solutions for personalized well-being**.

OMICS TEST



DNA General Wellness Test

This test is designed to study Genetic Polymorphisms (SNPs) that impact the metabolism of individual nutrients by focusing on nutritional biochemical pathways that may need dietary supplementation.



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Test that analyzes body's multiple processes by analyzing metabolites that are involved in specific conditions.



Proteomic Profile Wellness Test

Test that analyzes body's multiple processes by analyzing proteins that are involved in specific conditions.

UNLOCKING HEALTH PATHWAYS: A SCIENTIFIC EXPLORATION

Our journey through OMICS science unveils the intricate world of metabolic pathways. These pathways, essential sequences of chemical reactions and molecular interactions within living organisms, underpin various biological processes. Our mission is to provide comprehensive insights into how genes and metabolites intertwine within key categories:



GREEN LINE

Immunity System: Genes and metabolites orchestrate our body's defense against pathogens and overall well-being. We offer targeted dietary support to boost immunity.



ORANGE LINE

Tailored Support for Specific Conditions: Genes and metabolites offer personalized solutions for various health conditions.



YELLOW LINE

Oxidative Stress, Inflammation, and Longevity: These pathways are vital for understanding responses to stress and inflammation. Our dietary integration enhances longevity and quality of life.



RED LINE

Addressing Deficiency States and Increased Demands: Genes and metabolites regulate nutrient needs and address deficiencies, supporting overall health.



BLUE LINE

Physical Activity: Physical health involves complex gene-metabolite interplay. Understanding these pathways guides optimal dietary integration for strength and well-being.



VIOLET LINE

Brain Health and Sleep: Genes and metabolites influence cognitive health and sleep. We provide dietary integration to support brain health and sleep patterns.



LIGHT BLUE LINE

Gastrointestinal System and Microbiome: Metabolites and genes maintain balance in the gut ecosystem. Our dietary integration shapes this equilibrium.

Our aim is to empower individuals with knowledge for informed decisions and optimized health outcomes. Join us on this scientific journey towards holistic well-being.

DIETARY SUPPLEMENTS



Dr. Matteo Bertelli's Immune System Spray

Based on Hydroxytyrosol from olive tree, Vitamin C and Zinc.

Empower Immune System*



Dr. Matteo Bertelli's Immune System Tablets

Based on Olive Polyphenols, Hydroxytyrosol, Vitamin C, Vitamin D, Vitamin B1 (Tiamina), Vitamin B6, Folic Acid, Vitamin B12.

Supports Your Immune System *



Dr. Matteo Bertelli's Immune System Capsules

Based on Olive Polyphenols, Hydroxytyrosol, Vitamin C, Vitamin D, Vitamin B1 (Tiamina), Vitamin B6, Folic Acid, Vitamin B12.

Healthy blood pressure levels already within normal range*
Empower Immune System*



Dr. Matteo Bertelli's Lymphatic and Veins

Based on Hesperidin, Hydroxytyrosol, Vitamin A and Spermidine

Supports a healthy lymphatic and vein system*

DIETARY SUPPLEMENTS



Dr. Matteo Bertelli's Longevity and Detoxification

Based on N-Acetylcysteine, Pycnogenols from Maritime Pine, Vitamin E and Selenium.

Support Antioxidant Defense And Detoxification*
Support Antiaging And Dna Repair*



Dr. Matteo Bertelli's Iron Absorption Boost

Based on Vitamin C, Iron and Nettle extract.

Enhanced Iron Absorption*
Boosts Energy*



Dr. Matteo Bertelli's Bones and Muscles

Based on Resveratrol and Vitamin D.

Promotes muscle and bones health*
Immune System Booster*



Dr. Matteo Bertelli's Strength and Energy

Based on Acetyl-L-Carnitine, Vitamin C and Vitamin B9.

Support cellular energy production*
Energy Boost and Improve Performance*

DIETARY SUPPLEMENTS



VIOLET LINE

Dr. Matteo Bertelli's Mind and Sleep (Night)

Based on Melatonin, Flavonoids from Passiflora, Silymarin from Milk Thistle.

Body's Natural Sleep Cycle Support*



LIGHT BLUE LINE

Dr. Matteo Bertelli's Digestive Health

Based on Digestive Enzymes.

Support for the Digestion Of Proteins, Carbohydrates, Lipids, Fibers, And Dairy*

