


Univera's Scientific Advantage



univera.

The background features a vibrant green color. In the top right corner, there are detailed illustrations of green leaves and branches. On the left side, there are several white geometric shapes: a circle, a hexagon, and another circle, some of which are partially overlapping. A thin white vertical line extends from the bottom of one of the lower hexagons towards the bottom edge of the page.

The human body has a miraculous ability to
renew itself, and with correct nutritional support,
quality of life can be vastly improved.

UNIVERA GLOBAL RESOURCES



ECONET® 80,000 square foot research facility in South Korea

Univera Inc. is a dynamic growing organization supported by a strong network of science-based companies called ECONET®. In the United States, the ECONET® is comprised of Univera, Unigen® Pharmaceuticals, Inc. and Aloecorp, Inc. as well as by sister companies in Korea: Unigen®, Univera and NatureTech Manufacturing. Additionally, to ensure the highest quality and control of products, ECONET® owns and operates a network of farms and processing facilities located in Canada, Mexico, Russia and Hainan Island in China.

This network is committed to providing efficacious natural products, dietary supplements and functional foods which support cell regeneration, healthy aging and peak performance. Univera products are scientifically formulated and created with integrity to meet the real needs of consumers, including stress management, improved energy, immune support, joint comfort and general nutrition.

Univera scientists develop unique ingredients and premium-quality standardized extracts, then formulate targeted products for distribution through the Univera Associate organization. Proprietary ingredients are supported by rigorous scientific evaluation, including in-vitro and in-vivo models, as well as human clinical trials.

The ECONET® mission is to **bring the best of nature to humankind** and Univera is embodied by this mission. Together, ECONET® companies continues to make this mission a reality.

Unigen® is a leading natural products research and development company and proprietary ingredients supplier is dedicated to the discovery of botanically-derived therapeutic compounds to address consumer health needs. Its research and discovery process includes extensive work at both the human cell and gene level. Unigen® focuses on identifying and studying the unique ingredients from medicinal plants and then formulating them into proprietary raw materials for use in cosmeceutical, nutraceutical, functional food and pharmaceutical products.

Aloecorp, Inc. is the global leader in the growing and processing of bioactive *Aloe vera* ingredients supported by over \$13 million in scientific research. Their farms, processing and R&D centers in Texas, Mexico and China support Aloecorp as the world's leading vertically integrated supplier of fine aloe manufacturing and ingredients. With a solid foundation in scientific methodology, Aloecorp products are subject to superior quality standards to guarantee purity, potency and biological activity. The products are supported by published and peer-reviewed studies.

Unigen® USA provides a team of talented professionals including 20 PhD or DVM researchers and state-of-the art facilities including:

- A bioprospecting lab
- Analytical and quality control lab
- High throughput purification lab
- Natural product lab
- High throughput screening lab
- Genomics lab
- Cell culture lab
- Pre-clinical research lab
- Process development lab
- Pilot manufacturing site
- 15,000 square foot facility in Lacey, Washington

OUR SCIENCE

Over 30 years ago, Univera's Founder, YunHo Lee, a successful Korean businessman suffering from an illness, experienced relief after receiving a gift of *Aloe vera* juice. Amazed by the results, he used his financial success to invest in exploring the ethnobotanical properties of the plant kingdom. His goal was to discover more about the connection between the medicinal power of nature's bounty and the body's incredible power of renewal and to bring that power to the world. The mission he would embark on would be the future of Univera.

Univera and the ECONET® family of companies were established for formal study to understand and advance healthy living through science and nature - first in Korea, and then in the United States. From its founding 30 years ago, the ECONET® science team has grown to more than 50 scientists and researchers with expertise in natural product chemistry, analytical chemistry, biochemistry, cell biology, molecular biology, pre-clinical and clinical research, nutrition science, organic synthesis, and process development. Today, Univera and ECONET® continue to advance the science of human nutrition and cellular biology to support cell renewal and healthy living.

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Unigen® has a superior discovery platform, unmatched in the industry, called **PhytoLogix™**. This sophisticated discovery platform includes two proprietary processes and technologies called PhytoLogix™ and GenoActive™. PhytoLogix™ is a complex system for collecting, purifying and evaluating unique botanical species from around the world. PhytoLogix™ utilizes many scientific operations including bioprospecting, bioinformatics, high-throughput purification and structure dereplication processes.

During the PhytoLogix™ process, plant candidates are first evaluated at our Plant Diversity Research Center. The first stage of PhytoLogix™ is the use of a comprehensive plant information database. This database reveals the ethno-botanical and medicinal history of the collected plants. Once the initial research process is complete, the unique botanicals are then forwarded to the lab where they are extracted with organic solvent and water. The resulting plant extracts are fractionated and analyzed utilizing HPLC, UV spectrum, GC-MS, HPTLC, LC-MS and NMR to identify and characterize the chemical composition of the plants. As a result, a complete chemical profile of each botanical extract is generated.





Unigen's proprietary Phytologix™ library and database presently includes over 10,000 plants, 10,000 extracts, 250,000 fractions and 500 compounds.

Phytologix™ database contains an extensive collection of thousands of plants, information on traditional and historic usage as well as modern research of the plants, and a chemical structure database. Unigen's proprietary Phytologix™ library and database presently includes over 10,000 plants, 10,000 extracts, 250,000 fractions and 500 compounds.

With the growth of the Phytologix™ library and the introduction of new and innovative botanicals to improve cell renewal and healthy lifestyles the future potential is remarkable. The Phytologix™ library and collection is scheduled to expand by nearly 1,000 plants each year, obtained from eight geological regions. In 2008, a collection of marine natural products from both the Atlantic and Pacific oceans targeting 200 species will begin.

By utilizing **genomics technology**, we study the effects of plant extracts and natural compounds on gene function in human cells and develop natural products with biological function at the DNA level.

GenoActive™, the second part of the discovery platform consists of a series of technologies to determine the biological activities of botanical compounds. The Discovery and Screening team use a variety of biochemical and cell-based assays, including sophisticated reporter gene assays, to screen the Phytologix™ library for botanical compounds with potentially beneficial effects. After screening of the plant library and its fractionated extracts, compounds identified with specific bioactivity enter an intensive process of *in-vitro* and *in-vivo* studies. During the *in-vitro* studies, compounds are evaluated for their effects with various cell lines or tissues. Successful active compounds then enter into *in-vivo* models developed to demonstrate efficacy and safety. Compounds that successfully complete the process enter into clinical testing before being introduced as novel nutraceutical and pharmaceutical compounds.

The GenoActive™ process utilizes DNA microarray and realtime PCR technologies focusing on revealing mechanism of action, discovering novel targets, confirming safety and therapeutic efficacy toward clinical endpoints.

The **ECONET®** process is a unique and comprehensive approach to the discovery of new ingredients and the development of high quality dietary supplement products. As a result, ECONET® has over 160 patents and patents pending worldwide.



OUR PRODUCTS

Univera products have been designed to meet the real needs of individuals seeking an improved quality of life and for those striving for a high-performance lifestyle. As such, product layout is centered around a unique Four Quadrant System, in which the products are classified according to the way in which they support cellular renewal. The Four Quadrant System is a valuable tool to help healthcare practitioners and consumers to be involved, to take control and to proactively contribute to positive healthcare decisions.

The average adult replaces more than 300 billion cells per day. This represents an astounding potential for regeneration, and yet most people miss this opportunity due to poor diet, lack of sleep, stress, illness and a sedentary lifestyle. The Four Quadrant System is designed to map out a practical and scientific strategy for optimizing cell renewal; to achieve remarkable improvements in how you look, feel and perform. Univera's synergistic quadrants classify products by their major functions within the cell and the body. The quadrants include **Nourish, Restore, Fortify** and **Vitalize**.

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THE FOUR QUADRANT SYSTEM

The human body is a symphony of well orchestrated activities and functions that must harmonize for optimal performance.

Nourish is perhaps the most basic requirement for renewal, because creating 300 billion cells requires high-quality materials.

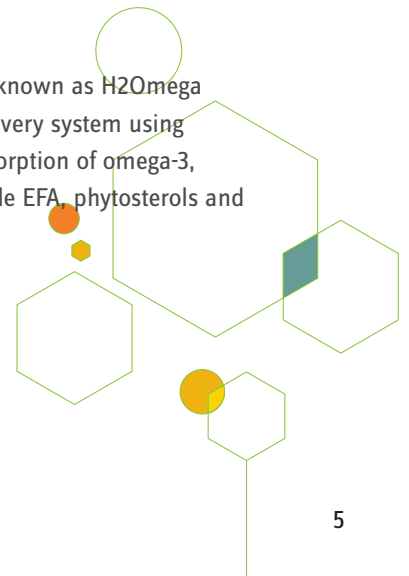


Nourish is perhaps the most basic requirement for renewal, because creating 300 billion cells requires high-quality materials. Nourishing includes feeding the cell by providing nutrients as the building blocks of health. The building blocks provide essential nutrients and supplement compounds to ensure peak mental and physical performance. This quadrant also focuses on stress relief, hormone balance and vital nutrition, weight management, as well as the maintenance of the body's pH. Products in the nourish quadrant include Anti-Stress™, Female Formula™, Post-Menopausal Formula™, Aloe Gold® and a family of weight management products. The lead nourish product is Essentials™.

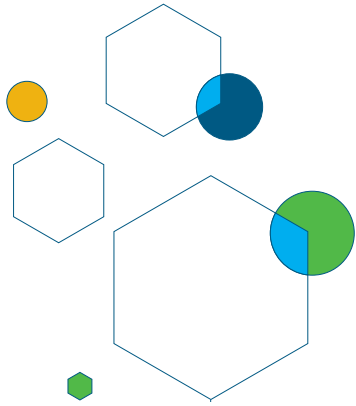


Essentials™ is a ready-to-drink nutritional beverage that provides protein, complex carbohydrates, vitamins, minerals and essential fatty acids in a natural berry blend sweetened with xylitol. Even though the North American diet generally supplies sufficient protein, the average healthy adult only absorbs about 30% of protein they consume*1. Factors limiting protein bioavailability include poor digestion, eating too fast, tooth and gum disease and excess saturated fat. Essentials™ provides an excellent balance of all 20 amino acids derived from whey protein, from milk. Because of the small particle size (with most of the protein already reduced to di and tri-peptides), Essentials™ protein is rapidly metabolized for the growth and repair needs of the body.

Essentials™ also contains a patented essential fatty acid component known as H2Omega in which cranberry seed oil is placed in a 100% dispersible lipid delivery system using nanodispersion. These microencapsulated lipids offer increased absorption of omega-3, omega-6 and omega-9 EFA's, as well as highly stable and bioavailable EFA, phytosterols and fat-soluble antioxidants.



Restore focuses on maintenance and rejuvenation of the cell.



Restore focuses on maintenance and rejuvenation of the cell. This product quadrant is designed to prevent degeneration of tissues and to maintain strong performance of joints, healthy digestion and vibrant skin. Products include digestive support and detoxification with Aloe Protect™ and Aloe Gold®, Topical Aloe Gel™ for skin integrity, plus a strong category for healthy joints and bones.* The lead restorative product is RegeniCARE® containing Protectin™, one of ECONET's proprietary compounds developed in the Phytologix™ process.

Protectin™ is a patented, clinically-tested herbal complex that can improve joint comfort and flexibility. Containing standardized extracts from *Scutellaria baicalensis* and *Acacia catechu*, Protectin™ provides valuable flavonoids which act as unique antioxidants soaking up ROS to protect the body from free radical damage.* A clinical report on Protectin™ is available to licensed health-care providers.

RegeniCARE® is an advanced all-natural formulation of ingredients that can help restore normal cell and tissue function, thus, promoting healthy connective tissue and improving joint comfort, mobility and range of motion.* RegeniCARE® combines Protectin™ with proven natural joint-health ingredients, including glucosamine sulfate, chondroitin sulfate, MSM (methylsulfonylmethane), CMO (cetyl myristoleate) and Vitamin C. RegeniCARE® is provided in seven-gram packets that are mixed with water, in lemon and raspberry flavors.

RegeniFree™ is an encapsulated product designed to support those with allergies to traditional joint comfort compounds. RegeniFREE™ combines Protectin™ with a standardized extract of curcumin, derived from the traditional herb Turmeric. Turmeric, also known as *Curcuma longa*, has a long history of medicinal use in Asia, Africa and Europe for its support for joint and cardiovascular and brain health. Turmeric has demonstrated antioxidant effects to protect the body and DNA from damage.*



"Ever since graduating from medical school, I've been looking for nutritional products that really work, products that can deliver benefits people can see and feel, and that I can clinically measure. Univera gives me the science I need to feel confident and products that exceed my expectations."

- Dr. Pamela Lewin, M.D.

*These statements have not been evaluated by the Food and Drug Administration.
This product is not intended to diagnose, treat, cure or prevent disease.

1 *Factors:

Stage 1: Hydrolysis by trypsin and chymotrypsin.

Stage 2: Further bond-cleavage by Pepsin

Stage 3: Reduction to di and tri peptides via pancreatic protease enzymes

Stage 4: Absorption in a narrow area of the duodenum. Unabsorbed peptides are NOT absorbed later on in the jejunum, ileum or colon.

Fortify addresses the need to protect cells against oxidative stress and to support the body's defenses.



Fortify addresses the need to protect cells against oxidative stress and to support the body's defenses. This quadrant includes products supporting a strong immune system, antioxidant protection and high potency phytonutrients with complete whole food supplements. The leading product in this quadrant is Aloe Gold®.*



Aloe Gold

Univera's Aloe Gold® contains high-potency ACTIVAloe™ – a standardized 100:1 concentrate from the aloe leaf inner gel. Unigen® scientists have identified a medicinal "sweet spot" of biological activity among the wide range of polysaccharides found in aloe. Published **Planta Medica** in 2000*¹, this discovery led to the creation of a standardized aloe concentrate with a guaranteed content of polysaccharides in the 50 to 100,000 dalton range.

With ActivAloe™, Univera is able to guarantee purity and potency, and biological activity. Aloe promotes a healthy gastrointestinal tract and has been shown to improve the bioavailability of both fat-soluble and water-soluble vitamins. Recent human clinical studies**² have demonstrated that aloe vera whole leave and regular gel can enhance bioavailability of vitamin C, E and B12. Aloe also supports skin health and may help strengthen connective tissue by stimulating collagen production.*² Aloe Gold® also includes additional active botanical compounds from green tea and Fructo-Oligosaccharides (FOS). FOS is naturally occurring in a wide variety of plants and helps to maintain the beneficial flora of the gastrointestinal tract.

"After more than two years of using Univera products in my family practice clinic, I'm totally confident in their effectiveness. When patients stop me in the hall and thank me for 'giving their life back,' I know they agree! Thanks to Univera from all of them."

- Dr. Mark Dodson, M.D.

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² *Qiu Z, Jones K, Wylie M, Jia Q, Orndorff S. Modified Aloe barbadensis polysaccharide with immunoregulatory activity. *Planta Med* 2000 Mar;66(2):152-6

Vitalize is the quadrant that provides nutritional support for cellular energy production and tissue repair.*



Vitalize is the quadrant that provides nutritional support for cellular energy production and tissue repair. Product ingredients have been shown to help upregulate mitochondrial efficiency and at the same time protect against the ROS “byproducts” of cellular respiration. Energy drivers include multiple Krebs cycle intermediaries such as alpha ketoglutaric acid, Pyridoxal-5-phosphate, coenzyme Q10, niacin/niacinamide and mineral aspartates. Additional energy factors include chromium polynicotinate, panax ginseng, eluthero (Siberian ginseng), rhodiola, acetyl L-carnitine, and N-acetyl cysteine. Antioxidant activity is provided by multiple ingredients, chief among them being alpha lipoic acid. Energy metabolism ingredients utilized in Univera products include the large group of Vitamin Bs (as niacin, niacinamide, thiamin, riboflavin, folic acid), alpha keto glutarate and minerals like magnesium, potassium and chromium. These ingredients are chosen because they support energy production, metabolism and have been scientifically validated in numerous published studies.* Products in this category include Active Male™, Ageless® Vitality and a sleep support formula S-4 Sleep Enabler™. The lead vitalize product is Prime™.

Prime™ was designed with the awareness that healthy aging requires the maintenance of cellular energy as well as repair signals from anabolic (repair) hormones. Since DHEA may be the body's most comprehensive repair signal, and production declines precipitously with advancing age, Prime™ provides seven mg of DHEA per capsule, combined with its downstream metabolite known as 7-Keto™ (3-oxo-7-keto DHEA). Prime™ also delivers a complex Vitamin B blend which is critical to energy production, peak cognitive performance and well-being. Prime™ includes Riboflavin (B2), P5P (B6), and Vitamin B12. Riboflavin is an active antioxidant that promotes vital energy production. Vitamin B6 is important in the metabolism of proteins, fats and carbohydrates, which is essential for maintaining a healthy nervous system and in the synthesis of RNA and DNA. Vitamin B12 plays a critical role in the formation of blood cells and for healthy cell metabolism. The Prime™ nutraceutical blend includes Wolfberry (goji) and dietary supplement compounds N-Acetyl Cysteine, Acetyl L-Carnitine, Alpha Lipoic Acid, DIM, 7-keto DHEA and DHEA, plus the proprietary bioavailability enhancer Maxcell™. Supporting ingredients include acetyl-L-carnitine, alpha lipoic acid, N-acetyl-cysteine, methylcobalamin, wolfberry (goji), and DIM (diindolymethane), a cruciferous concentrate that plays a role in hormone balance.*

- Wolfberry, N-Acetyl Cysteine, Alpha-Lipoic acid and DHEA are all important antioxidants.*
- Acetyl L-Carnitine is important to support cognitive performance. It has been studied for its benefits supporting healthy aging and for energy production.*
- DIM (Diindolymethane) is found in cruciferous vegetables and has been studied for its potential radical scavenging activity.*
- Alpha-Lipoic acid, a co-enzyme, is one of the most beneficial antioxidants and plays a role in fighting oxidative stress and free radical formation. It is key in supporting energy production and has been studied for supporting memory enhancement and in supporting healthy aging.*



3 *EFFECT OF ALOE VERA PREPARATIONS ON THE HUMAN BIOAVAILABILITY OF VITAMINS C AND E. J.A. Vinson, H. Al Kharrat and L. Andreoli, Department of Chemistry, University of Scranton, Scranton, PA 18510 Devaraj, S., Patel, S., Jialal, R., Jialal, I. Aloe supplements enhance bioavailability of vitamin C and B12 in older adults. *The FASEB Journal: Experimental Biology 2007* Abstracts 8.1-701.35. Washington, DC; April 28-May 2, 2007.

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AgelessXtra® is a comprehensive dietary supplement food beverage designed to support ALL FOUR quadrants to Nourish, Restore, Fortify and Vitalize your cells.

Xtra is a powerful proprietary blend of over 30 different nutritional and botanical ingredients developed from decades of research. Xtra will change your life as it helps to Nourish, Restore, Fortify and Vitalize your renewing cells – everyday.



Nourish: Xtra™ contains various active botanicals and nutrients to support and nourish your cells, including niacin, niacinamide, pyridoxal-5-phosphate and chromium that support digestion and metabolism, Theanine, a component of Green Tea, and a proprietary corn leaf extract Serenix™ blend for stress management. Xtra provides a wide group of saccharides naturally inherent in concentrates of blueberry, cranberry, black cherry and grape. Importantly, berries have the lowest glycemic index of any fruit, and additional flavor comes from three natural, low-glycemic sweeteners: Lo Han Guo, sorbitol and stevia.*



Restore: Xtra provides restore benefits primarily with Protectin™ and aloe, ingredients that support the repair of connective tissue. The Theanine component of green tea and a proprietary corn leaf extract known as Serenix™ provide stress management benefits that foster rejuvenation. Xtra also provides Potassium and Magnesium aspartate, Co Enzyme Q-10 and Niacinamide to support healthy muscle function.*

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Fortify: Xtra provides comprehensive, high-potency antioxidant benefits. A useful test for measuring the antioxidant potency of a food or beverage is known as ORAC (Oxygen Radical Absorbance Capacity). The average American obtains from 1200 to 1700 ORAC units from their entire daily diet. A single 2.5 fl oz serving of Xtra provides 4,500 ORAC units, derived from the fruit concentrates, green tea, CoQ10, Protectin, ginkgo biloba and alpha lipoic acid. Niacinamide and folic acid, while not primary antioxidants are included because of the critical role they play in redox pathways. Niacinamide provides powerful secondary antioxidant, and detox benefits through enhanced production and activity of liver cytochrome P450, NADPH and glutathione. In human physiology, the antioxidant and detox systems overlap, with Folic Acid playing a vital role in the biosynthesis of numerous reduction enzymes. These enzymes detoxify a wide array of environmental and chemical toxins, and therefore folic acid deserves a place in any comprehensive internal security formula. Xtra provides many berries and fruits known for their rich anthocyanin and flavonoid content helping support a healthy diet and the appropriate servings of fruits and vegetables (2.5 fl oz Xtra delivers the antioxidant protection of up to 10 servings of fruits and vegetables).*

Xtra was designed with vitality and energy metabolism as a key factor to support cellular performance.



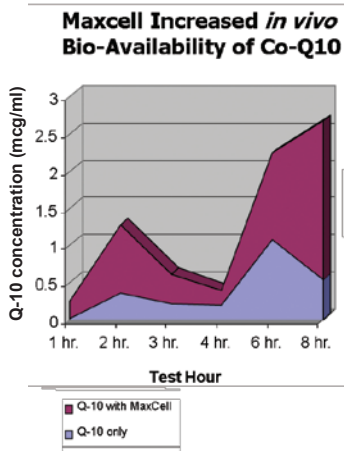
Vitalize: The energy benefits provided by Xtra are extraordinary. Unlike the vast majority of “energy” drinks that flood today’s market, the bioenergetic effect of Xtra is not derived from caffeine or any other stimulant. Instead, the product provides a group of proven anti-fatigue agents that work by supporting mitochondrial efficiency. Some, like ornithine alpha ketoglutarate, potassium/magnesium aspartate and CoQ10, play direct roles in the Krebs cycle. Other ingredients, including niacin, P-5-P and chromium have indirect but important bioenergetic activities, while botanical extracts of rhodiola and cordyceps sinensis appear to work by supporting respiratory efficiency. Overall, these critical nutrients provide what users describe as “calm, centered energy,” remarkably different from the stress induced by caffeine. Xtra was designed with vitality and energy metabolism as a key factor to support cellular performance. Some of principle ingredients utilized to support the mitochondria for metabolism of nutrients and energy production and to support longevity and mental clarity include Vitamin Bs (as niacin, niacinamide, thiamin, riboflavin, folic acid), alpha keto glutarate, ornithine, Green Tea (EGCG), Cordyceps, CoQ-10 and Potassium and Magnesium aspartate.*

UltrinTG® is a proprietary raw material formulated and developed by Unigen® to support energy by supporting endurance and stamina.* UltrinTG® is a unique botanical extraction of **Rhodiola crenulata H.** that comes from a plant growing high in Tibet.

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BIOAVAILABILITY

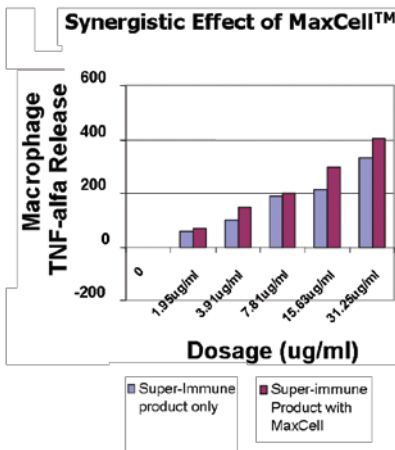
In addition to superior formulas, scientific research and team of experts, during the product development phase, Univera also focuses on bioavailability of the finished products by considering the delivery form, the chemical makeup of the raw materials, and their unique biological vehicle to enhance absorption by the body and the cell, Maxcell™.



Maxcell™ has been trademarked and patented as a multi-component novel vehicle for delivery of biologically active agents. Maxcell™ is capable of enhancing bioavailability and performance of active ingredients. Plus it has many positive characteristics including an adjuvant, for protection and renewal.* Maxcell™ is a combination of unique botanical extracts with history in Traditional Chinese Medicine (TCM) and Ayurvedic herbology including Ziziphus jujube, ActivAloe, Piper nigrum and glycyrrizinate.

Piper nigrum extract has a long history as an Indian ayurvedic herb studied for improving blood flow to the lining of the intestine where nutrients are absorbed. In animal studies it has demonstrated mediated changes in the permeability of rat intestinal epithelial cells.

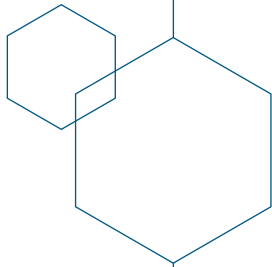
Ziziphus jujube fruit is one of the most common ingredients in TCM and is the richest source of exogenous cyclic AMP and GMP (100-500 nmol/g). Cyclic AMP and GMP act as an amplifier within the cell to carry out biological functions from hormones, neurotransmitters and nutrients.



ActivAloe™ is a raw material from ECONET® sister company, Aloecorp. Inc. Aloe has been used since ancient times in numerous societies in Persia, Egypt, Greece, Italy, India, China and Africa. Aloe is known for its wound healing, anti-aging nurturing, and cell renewal synergistic effects. The mannose-based polysaccharide in ActivAloe™ can bind to receptors on the cell membrane and increase the permeability of the cell membrane to allow greater transportation of nutrients into the cell. The polysaccharides in ActivAloe™ also acts as long chain polymers, which easily wrap around nutrients and adhesion on the cell membrane to deliver the nutrients.* Recent human studies have demonstrated that *Aloe vera* whole leaf and regular gel can enhance bioavailability of Vitamin C, E and B12.

Glycyrrhizin is very common in TCM formulas for reducing toxicity and offering liver protection. Glycyrrhizin has the ability to spare the adrenal glands from excessive exhaustion under physical and pathological stress. It also increases the solubility of nutrients during digestions by surrounding them to pass more easily into the blood stream.*

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Studies for Maxcell™ that were conducted at Unigen®, Univera's sister company, include proof of concept experiments, a macrophage stimulation experiment, a study supporting kidney cell proliferation, immune response enhancement, inhibition of UV-B induced exposure supporting protection, binding and cellular engulfment, Coenzyme Q-10 bioavailability effect to support enhanced delivery and liver protection experiments.

Additional technical interpretation of these studies will be available soon.

- In the Coenzyme Q-10 study Maxcell™ enhanced bioavailability in-vitro up to 300%.
- In the cell proliferation study, MaxCell™ stimulated kidney cell proliferation by 10 to 55% in a dose response curve conducted *in-vitro*.
- Maxcell™ had a synergistic effect with Super Immune™ to enhancing macrophage activity in-vitro in the macrophage stimulation study.
- Maxcell™ showed significant increase of the cell proliferation in dose response and a strong macrophage stimulation up to 8 mg/ml. Maxcell™ has high cellular renewal properties and is demonstrated no cytotoxicity.

For Additional Information

The following documents are available to healthcare professionals with a state license. State licensure is a requirement of the FDA for receipt of clinical data.

1. Research Summaries:

- A. Protectin™ Clinical Trial: An independent, randomized, double-blind, placebo-controlled human clinical trial.
- B. Ageless: An independent intervention trial with age-matched controls to evaluate the cognitive benefits of Ageless® Vitality.

2. White papers:

- A. The Clinical value of AgelessXtra® in Exercise and Sports
- B. RENEWAL: The Technical View

Go to www.Univera.com

Or Call: 877-627-4787

Patents

Go to www.univera.com to get information on patents and patents pending.

BIOGRAPHIES



Stephen Cherniske, M.S. *Chief Scientific Officer*

Scientific method and validation have always been central to Univera's mission in ensuring efficacious and reliable consumer products. Stephen is the steward of that connection and continues to lead Univera in their desire to bring the best of nature to humankind through quality and scientifically-backed products. As a best-selling author and former university instructor in Clinical Nutrition, Stephen has a true gift for communicating the complexities of healing and nutrition in simple, understandable language. With over 30 years of experience studying ways to provide optimal health, Stephen has both the desire and the knowledge to guide Univera in developing the highest quality products. Before joining Univera, Stephen consulted for athletes and members of the U.S. Olympic Team, served on the faculty of the American College of Sports Medicine and directed the nation's first federally-licensed clinical laboratory specializing in nutrition and immunology.



Yuan Zhao, Ph.D. *Director of Scientific Affairs*

Dr. Yuan Zhao directs the development of biochemical, cellular and genomic research of Univera's products. Dr. Zhao leads the efforts in conducting pre-clinical and clinical studies for product safety and efficacy, assessing and introduction of new technology, including identification and assessment of ingredients, as well as in developing strategies for protecting Univera's intellectual property. Prior to Univera, he worked at Unigen Pharmaceuticals, Inc. where he oversaw a wide variety of research, including genomics studies, biological target identification for nutraceutical product development, the development of various biological assays, screening of Phytologix plant library, the establishment of animal models for safety and efficacy studies of nutraceutical compounds and new technology development. Under his leadership, several efficacious nutraceutical compounds for metabolic disorders were discovered. As a co-inventor of six patents/pending patents and a co-author of several peer-reviewed publications, Dr. Zhao's experience also includes more than 20 years studying gene structure and function studies, as well as cellular function studies.



Larisa Moore-Pavlick *Director of Product Development*

Larisa Moore-Pavlick originally joined Univera in 1997 and rejoined the team in 2006 as part of the Product Development team. Her experience spans over 10 years in the dietary supplement industry particularly in quality control, manufacturing logistics and in purchasing and quality management raw materials. Larisa also has extensive experience in product development including research and development, formulation, product planning and execution for the introduction and development of new products and for improving existing product lines. In previous positions, Larisa managed development and purchasing for retail and direct brands, including professional supplement lines sold directly to healthcare professionals. With her committed efforts, Larisa has been instrumental at Univera in building high-quality, efficacious and reliable products while building brand homogeneity.



Dr. Qi Jia, PhD *Vice President & Chief Scientific Officer, Unigen Pharmaceuticals, Inc.*

Dr. Jia is an expert in the field of ethno medicinal plants. His research studies have focused on the use of traditional Chinese medicine, in regards to its anti-tumor, anti-inflammatory and immune stimulation activities, as well as the discovery of drug leads from Bolivian medicinal plants for the treatment of HIV infection, cancer, tuberculosis and fungal infections. Dr. Jia holds 15 issued and pending patents, has co-authored 26 presentations at international science conferences and has co-authored papers appearing in 24 peer-reviewed publications in the field of natural product chemistry. His memberships include: Sigma Xi Honor Society of Scientific Research, Phi Beta Delta Honor Society of International Scholars, America Chemical Society (ACS), American Society of Pharmacognosy (ASP) and Board member of International Aloe Science Council (IASC).



Ken Jones *Chief Science Officer, Aloecorp, Inc.*

Ken Jones oversees a variety of responsibilities at Aloecorp, Inc., including overseeing the quality assurance program, manufacturing process development, validation, new product development and technical support. Prior to Aloecorp, Inc., Ken was a research scientist at the University of Colorado Health Sciences Center in Denver for 13 years. He then joined sister-company Unigen Pharmaceuticals where his work with Aloe vera began, and continued with his move to Aloecorp, Inc. Since joining the ECONET®, Ken has played a pivotal role in process development and research to identify and preserve the biological activities of aloe. Ken is also a well-known author and speaker on Aloe vera and serves as Vice President of the International Aloe Science Council, a non-profit organization dedicated to serving the needs of the Aloe industry.



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