



LG Bionano. LLC USA

The world's leading pharmaceutical nanotechnology patent technology

COMPANY PROFILE & PRODUCT CATALOG





LG Bionano. LLC USA

PHARMACEUTICAL NANOTECHNOLOGY PATENTED TECHNOLOGY

LG Bionano Technology has formed an alliance with LG Bionano, LLC and USQL, LLC of the United States, and introduced international nano patented technology, with the concept of nature and environmental protection, and firmly believes that the unity of nature and man is the focus of health care. Deeply cultivate patented pharmaceutical nano biotechnology to improve the physical availability of drugs, nutrition, and skin care products, to open the channel of the unity of nature and man, Changchun immortality, to achieve the effect of precision medicine and health preservation.

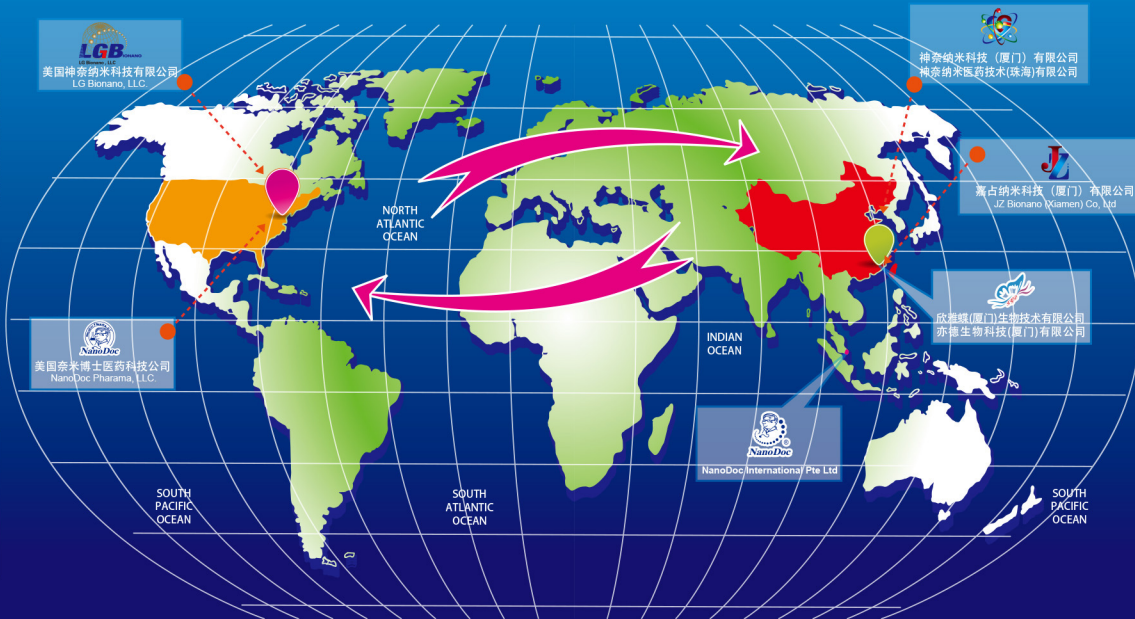
Xiamen National Torch High-tech Zone



R & d team



International patent certificate



National Biomedical Pilot Base



National Biomedical (Laboratory)



High-tech Laboratory



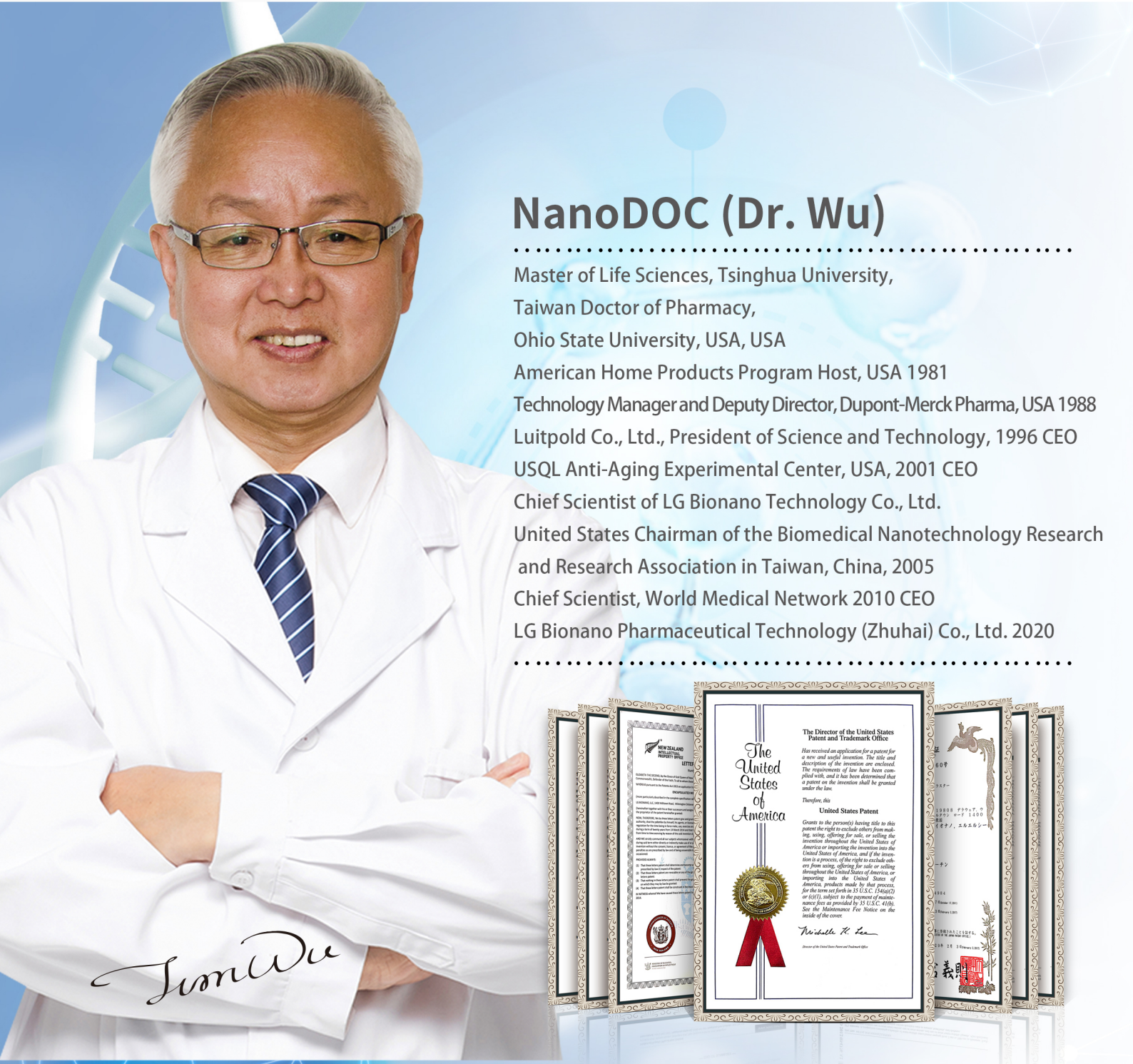
LG BIONANO , LLC

LG Bionano, LLC is a high-tech enterprise registered in the United States by a Chinese Doctor of Pharmacy who has studied in the United States and has served as the president of American pharmaceutical technology. Based in Europe and the United States, rooted in China, the company integrates scientific research, production, and sales, and has the world's leading high-tech production technology, equipment, and promising development projects. The company believes that nanotechnology and biotechnology will be the high-tech technology that will dominate the future of anti-aging and disease treatment. Since its establishment, it has been committed to the development of nanobiotechnology in China, opening a new era of nanotechnology application in the fields of biomedicine, skin care and health industry.

LG Bionano (Xiamen) Co., Ltd. has a nano medicine laboratory, an international leading nano mineral coating technology, nano emulsification technology and nano glial technology, and has advanced pharmaceutical dosage form development technology and pilot mass production capacity. At present, it specializes in the research and development of the world's leading nano iron deficiency anemia injection drugs and nano nutritional supplements, nano dermatology external drugs and quasi-medical cosmetics skin care products. The company has applied for several global invention patents, including patents in USA, Japan, Australia, New Zealand, Taiwan, and South Africa.

"Tech Cares for Health, Nano Beautifies Life" is the company's goal of developing products, striving for "natural, environmental protection" as its responsibility, and striving to improve the verification of the effect of medicine and food homology, and solving problems with science and technology to serve mankind and benefit the society.





NanoDOC (Dr. Wu)

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Master of Life Sciences, Tsinghua University,
Taiwan Doctor of Pharmacy,
Ohio State University, USA, USA
American Home Products Program Host, USA 1981
Technology Manager and Deputy Director, Dupont-Merck Pharma, USA 1988
Luitpold Co., Ltd., President of Science and Technology, 1996 CEO
USQL Anti-Aging Experimental Center, USA, 2001 CEO
Chief Scientist of LG Bionano Technology Co., Ltd.
United States Chairman of the Biomedical Nanotechnology Research
and Research Association in Taiwan, China, 2005
Chief Scientist, World Medical Network 2010 CEO
LG Bionano Pharmaceutical Technology (Zhuhai) Co., Ltd. 2020

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WHERE INNOVATION MEETS INDUSTRY

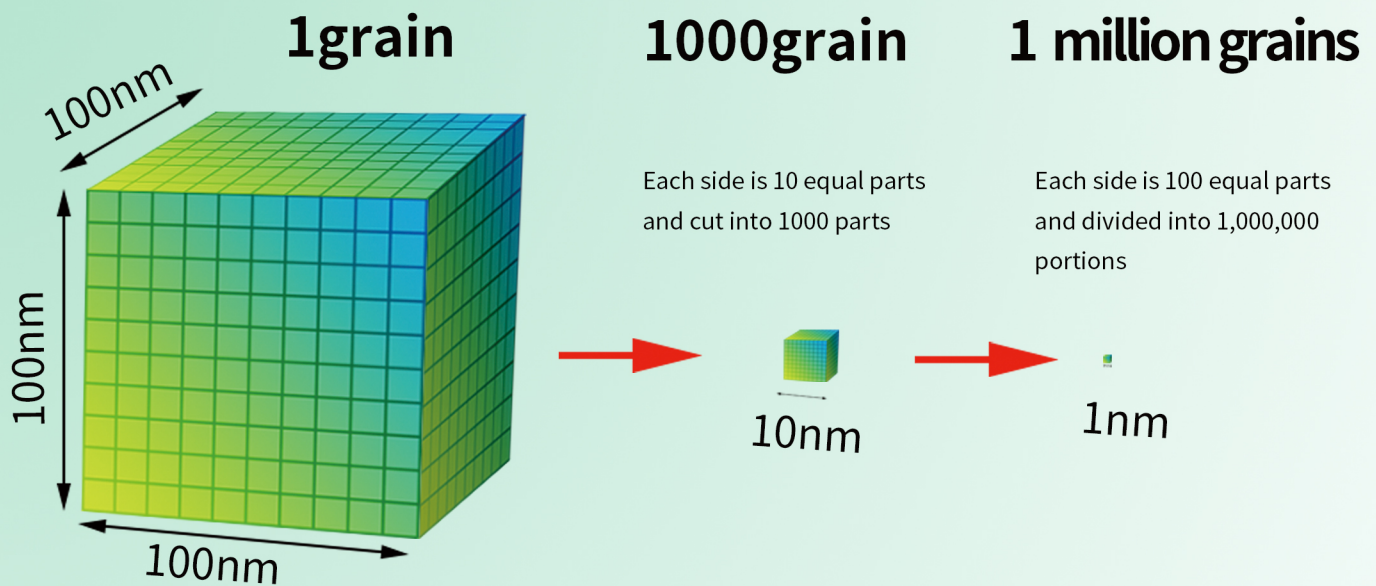


It was a momentous occasion in December 2023, as the esteemed leadership from the Singapore NanoDoc International office embarked on a significant journey to the heart of our operations in China. They visited the Xiamen headquarters of LG Bionano, where innovation meets industry. This event marked a milestone in our collaborative efforts, providing an in-depth exploration of our state-of-the-art office and manufacturing facility. It's a testament to our shared commitment to excellence and the global impact of our work in the nano-biotechnology realm.



In the heart of innovation, where technology meets compassion, the collaboration between our Singapore and China offices epitomizes the essence of our tagline, "Tech Cares for Health, Nano Beautifies Life." This synergy has led to the creation of groundbreaking patents that are not just mere inventions but are embodiments of sustainability and human-centered design. Our commitment to eco-friendly solutions is evident in each product, where every detail is meticulously crafted, not only to enhance the quality of life but also to ensure the well-being of our planet. We believe that the fusion of cutting-edge nanotechnology with a deep-rooted care for health is the pathway to a future where technology is not just a tool, but a caretaker of life's beauty. In this product catalog, you will discover inventions that are not just products, but are testimonies to a world where technology and nature coexist in harmony, defining the new era of sustainable innovation.

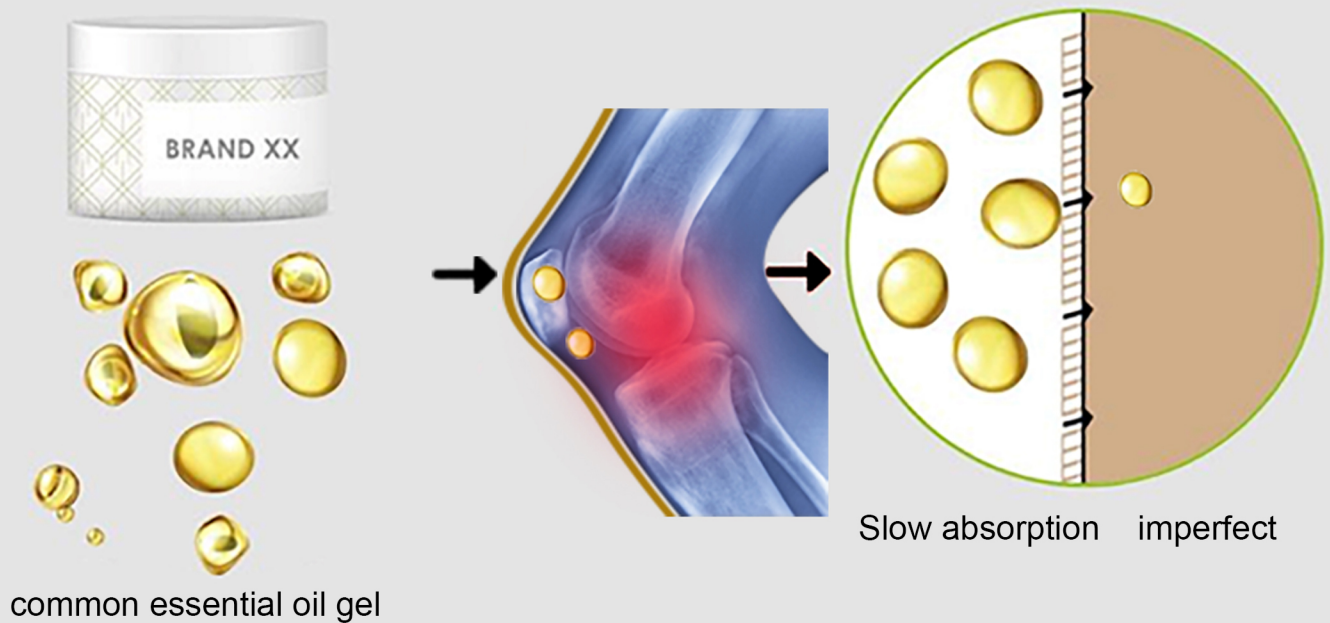
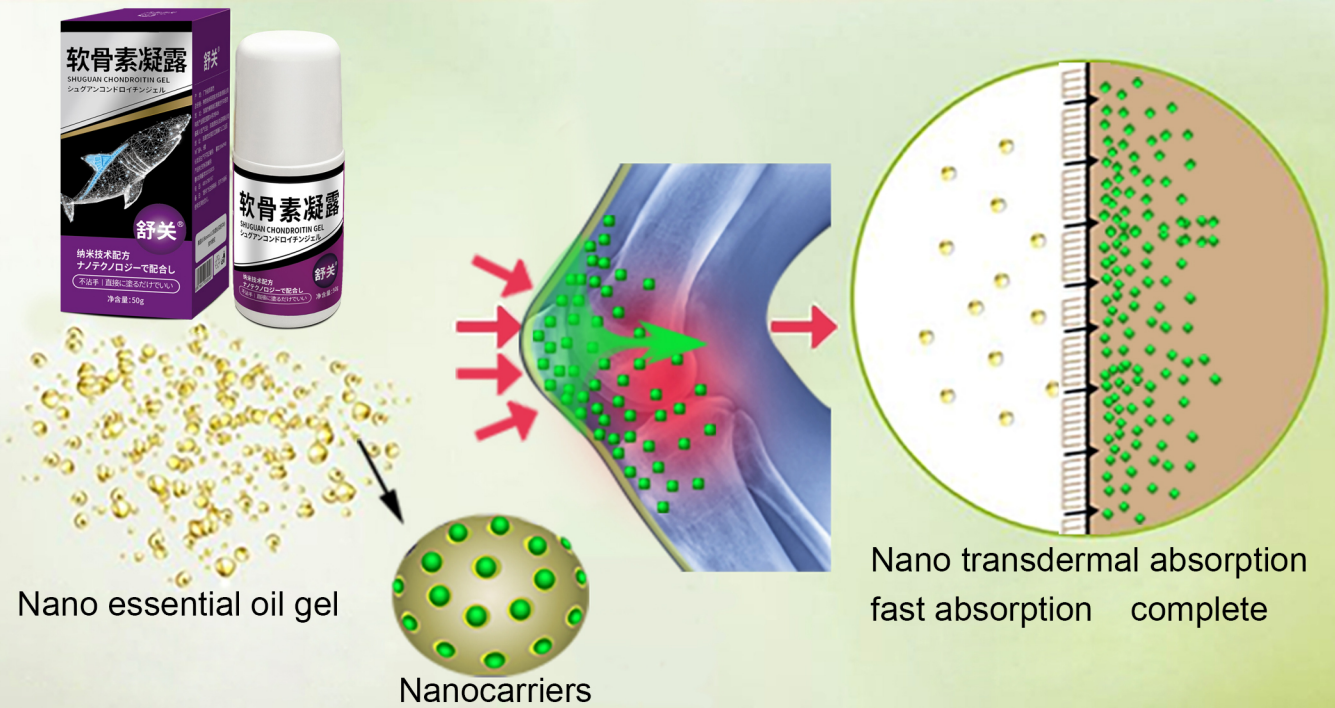
MAGICAL NANOPARTICLE COUNT



$$1\text{cm} = 10,000,000\text{nm (nanometer)}$$

Particle size	100nm	10nm	1nm		
Total number of particles	1grain	1000grain	1000000grain		
Total surface area	$6 \times 10^4 \text{nm}^2$	$6 \times 10^5 \text{nm}^2$	$6 \times 10^6 \text{nm}^2$		
Total surface area ratio	1	:	10	:	100

NANO GEL TAKES EFFECT QUICKLY



PAIN NURSING FOR INTERNAL EXTERNAL USE

Oral 「Supplementing Nutrients」
External 「Iced hot compress」



Oral



NanoDoc Shuguan Calcium

Patented nanotechnology 10-in-1 formula instant powder, improve muscle strength, improve osteoporosis, improve joint mobility, can quickly relieve muscle soreness and other phenomena.

External



Cold and Hot Compress (one ice and one heat) (basic type)

NanoDoc Glucosamine Gel Set

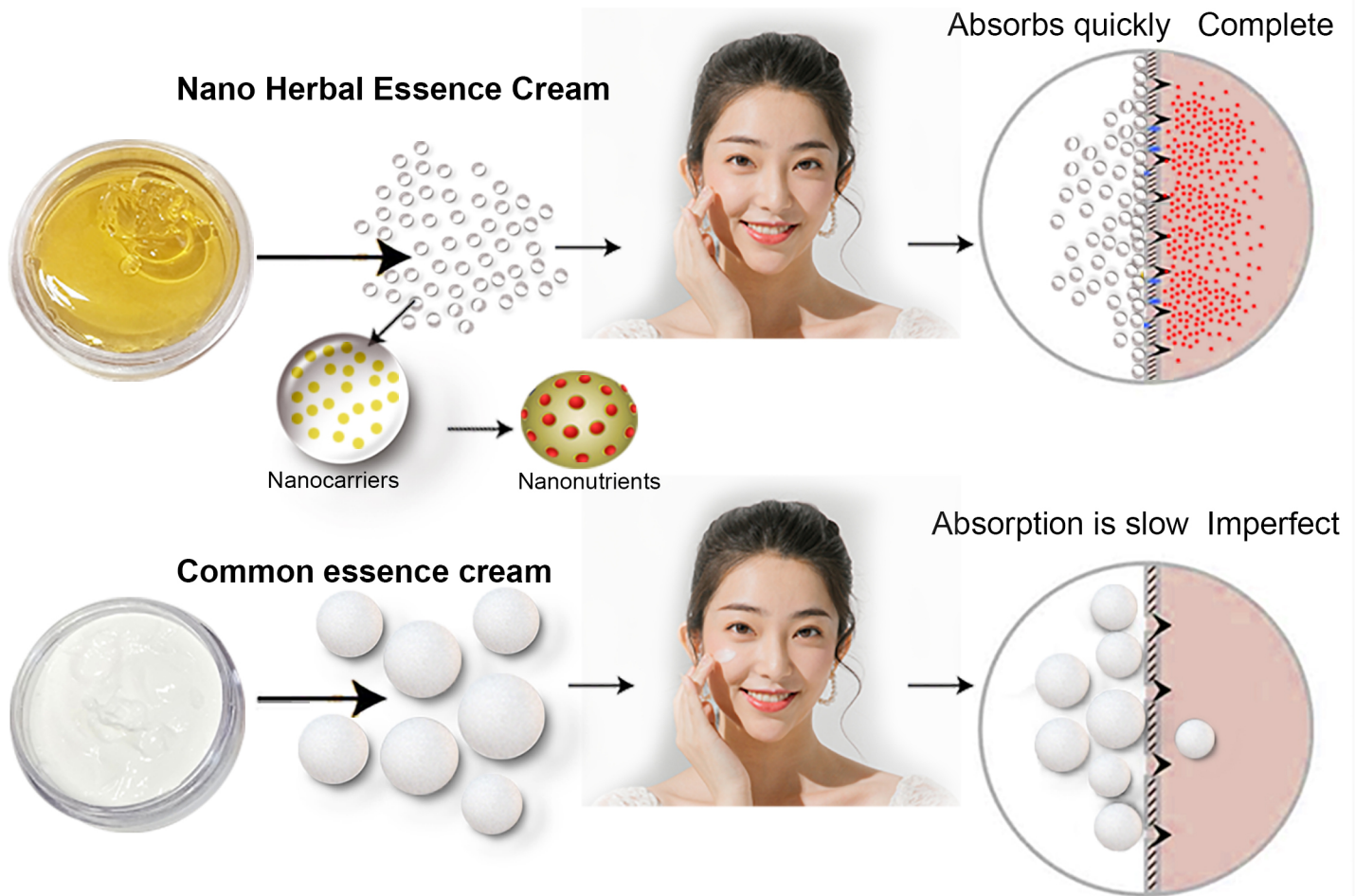
Using advanced nano medicine technology combined with the principle of traditional Chinese medicine ice hot compress, using nano essential oil particles, instant and fast penetration, the effect is sustainable, rich in chondroitin, chitosamine, and other effective ingredients, for arthritis and other symptoms, can quickly reduce inflammation and activate blood to relieve pain.



Shuguan Chondroitin Gel (Ice First and then Heat type)

Rich in chondroitin, glucosamine, ubiquinone(Q10) and other active ingredients, it can quickly reduce inflammation and activate blood to relieve pain for symptoms such as arthritis.

BIDIRECTIONAL NANO EMULSION TECHNOLOGY ABSORBS QUICKLY



ANTI-AGING ORAL EXTERNAL USE

Oral [Supplementing Nutrients]
External [Moisturizing Repair]



Oral



Naizhiyin Vitality Q10 essence drink

Coenzyme Q10 is an excellent fat-soluble antioxidant. After being developed by Dr. Nano's patented technology, it can greatly improve the absorption rate, quickly start human cells to provide cell energy and nutrition, enhance immunity, delay aging, enhance heart vitality and prevent arteriosclerosis and myocarditis.

External



NanoBelle Platinum Age Reverse Anti-Wrinkle Eye Cream

Nano Coenzyme Q10, black Ganoderma lucidum extract strong antioxidant, smooth wrinkles, lighten dark circles, moisturizing factors quickly penetrate the delicate skin around the eyes, nourish and condition the skin around the eyes, and make the skin firmer and more elastic.



NanoBelle Platinum Age Reverse Rejuvenating Serum

Rich in nano DNA repair factors, through high-tech nano technology deep penetration of the skin layer, from the cell DNA to repair the skin, restore the health and vitality of cells, so that the skin is rejuvenated and vigorous, adding black Ganoderma lucidum extract and resveratrol, highly effective anti-free radical anti-oxidation, resist skin aging, and whiten and brighten the skin.



NanoBelle Platinum Age Reverse Anti-Wrinkle Cream

The use of high-tech pharmaceutical nano-bidirectional milk technology to continuously inject the skin's cellular energy, namely coenzyme Q10, into each skin cell, and at the same time with black Ganoderma lucidum extract and resveratrol, highly effective antioxidant, anti-free radicals, delay skin aging, lighten fine lines and wrinkles, tighten the skin, accelerate skin metabolism, repair the skin while whitening and brightening the skin.



NanoBelle Platinum Age Reverse Facial Cleanser

Rich in an alcohol and a variety of plant extracts, no saponine, nano cleansing particles penetrate deep into the pores, gently cleansing the skin of dirt and oil, while increasing the skin moisture content, making the skin transparent and not tight, showing the natural vitality of the skin.



NanoBelle Platinum Age Reverse Moisturizing solution

Nano-moisturizing factor penetrates deeply, improves the cell's water-locking ability, moisturizes and whiteners for a long time, making the skin moist and smooth at all times.



NanoDoc Nano Herbal Repair Set

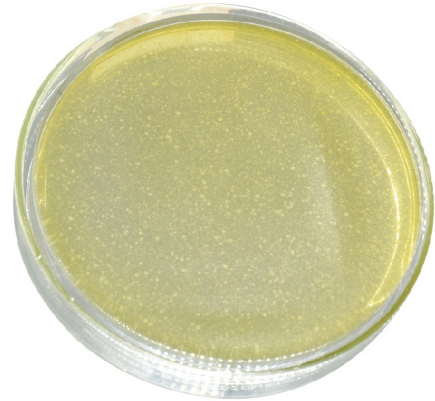
Nano Herbal Balancing Cleanser (75ml/bottle)
Nano Herbal Ice Essence (50g/bottle)
Nano Herbal Repair Essence (40g/bottle)

NANO ANTIBACTERIAL PARTICLES HAVE GOOD ANTIBACTERIAL EFFECT.



NanoDoc toothpaste

Effect after 48 hours of inhibition of salivary bacteria



Saliva in the mouth

Bacterial effect after 48 hours of saliva

CARE FOR ORAL HEALTH

Pure natural essential oil has good bacteriostatic effect



Oral care



NanoDoc Nano Toothpaste

Made with nano herbal extracts and a variety of essential oils, it can effectively inhibit the growth of oral bacteria, form a protective layer in the oral cavity, prevent plaque adhesion, care for periodontal and gums, deeply clean the oral cavity, and freshen the breath.



NanoDoc Nano-essence soothing throat spray

Nano-biomedical patented technology combined with the essence of natural herbs can quickly produce saliva and moisten the throat, resist inflammation and bacteria, relieve symptoms such as dry throat, itchy throat and cough, repair throat mucosa, and effectively avoid the harm of alcohol and tobacco to the throat.



NanoDoc Nano-essence mouthwash

Nano-biomedical patented technology combines the essence of natural herbs and nano-coenzyme Q10, which can quickly diminish inflammation and inhibit bacteria, purify the mouth, freshen the breath, help the mouth to resist oxidation, repair the health of gums, and effectively avoid the harm of alcohol and tobacco to the throat.



NanoDoc Nano-essence oral spray

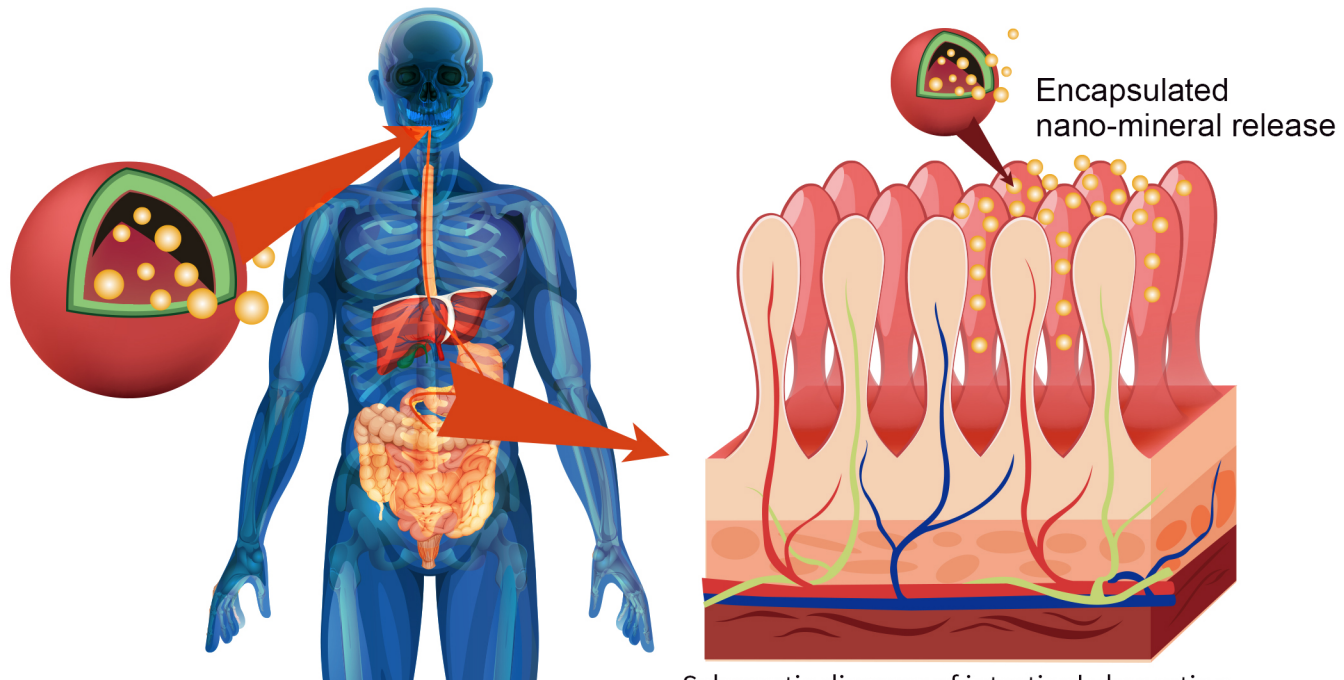
Nano-biomedical patented technology combined with the essence of natural herbs can quickly promote oral saliva secretion, diminish inflammation and inhibit bacteria, purify oral cavity and refresh breath. The ingredients contain a variety of trace elements, which can effectively replenish electrolytes and relieve fatigue.



Suhoubao Ice refreshing moisturizing oral ingot tablets

The patented ingredients of top nanomedicine technology and natural herbal essence formula can improve the availability rate, effectively antioxidant, quickly moisten the throat and inhibit bacteria, avoid bad breath, dry cough and throat damage caused by tobacco and alcohol.

NANO-MINERAL ENCAPSULATION TECHNOLOGY IS GOOD FOR FIXED-POINT RELEASE AND ABSORPTION



Schematic diagram of intestinal absorption

NANOCELL NUTRIENT

Enhance life energy, immunity and promote cell metabolism



Fill the cells with energy



Naizhiyin Liquid candy rich in iron and vitamins

International patent nano-coated Tiejinghua oral liquid can quickly help blood transport oxygen to cells all over the body to generate energy, participate in energy metabolism, enhance immunity and quickly improve the symptoms of iron deficiency anemia.



NanoDoc Iron drops

International patent nano-coated Tiejinghua oral liquid can quickly help blood transport oxygen to cells all over the body to generate energy, participate in energy metabolism, enhance immunity and quickly improve the symptoms of iron deficiency anemia.



Naizhiyin Vitality Q10 essence drink

Coenzyme Q10 is an excellent fat-soluble antioxidant. After being developed by Dr. Nano's patented technology, it can greatly improve the absorption rate, quickly start human cells to provide cell energy and nutrition, enhance immunity, delay aging, enhance heart vitality and prevent arteriosclerosis and myocarditis.



Naizhiyin Blueberry lutein ester

The latest cutting-edge nano-medical technology has unique patented ingredients and formulas, which can keep you away from visual impairment and protect your vision health in all directions. The best soothing and eye-catching products for the elderly, people with poor eyesight, computer families and students.

NANOCELL NUTRIENT

Enhance life energy, immunity and promote cell metabolism



Fill the cells with energy



NanoDoc Codonopsis Astragalus Ganoderma Promordial Qi Soup

Using advanced nanomedicine technology combined with traditional Chinese medicine to nourish qi and blood, promote cell metabolism, improve immunity and enhance resistance.



NanoDoc S-35 Super Vitality

Patented nanotechnology upgrade formula
Daily comprehensive nutritional supplementation;
Can help postoperative/cancer chemotherapy patients: Immunity is improved Those who are weak: Adjust their physique/increase their physical strength
Elderly: Antioxidant/Improved Vision



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Tech Cares for Health, Nano Beautifies Life



35 years of
pharmaceutical nano research and
development achievements

LG Bionano, LLC USA

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