

Hi-tech Pharmaceuticals forms JV with Chinese Conglomerate

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Shanghai Hi-Tech Nutraceuticals is a Joint Venture principally owned by Hi-Tech Pharmaceuticals and Genomix Scientific, a global R&D and Manufacturing firm formed to develop Senegalia Berlandieri Extracts from China. Shanghai Hi-Tech Nutraceuticals also has rights to synthetic alkaloids of Senegalia. The company's mission is to develop the market for innovative nutritional supplements on a global basis. The aim of such dietary supplements, the results of decades of research efforts, is to improve people's quality of life, improve their physique, and manage weight by supplying nutrients essential to their physiology.



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Shanghai Hi-Tech Nutraceuticals products will benefit from both Genomix Scientific's nutritional research and Hi-Tech's bioavailability research. The partnership represents one of the only times that the raw material producer and a finished goods manufacturer have joined together to enter this fast-growing market.

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Hi-Tech's proprietary Cyclosome Technology are first complexed or bonded, cyclodextrins are hydrophobic on the *inside* but hydrophilic (*water-loving*) on the outside. This means that they can be complexed with hydrophobic compounds (ie hormones) and since they're large, the hydrophobic compound can literally fit inside them. Once the cyclodextrin complex is formed we then encase or wrap a liposome around the cyclodextrin complex which is made of a high purity phosphatidylcholine and phytosterol matrix. As opposed to being destroyed in the liver like all other hormonal products on the market, past and present, this passes through the liver like a "Trojan Horse". This new Cyclosome technology allows the "Trojan Horse" to deliver many low bioavailable plant extracts, prohormones and other poorly absorbed nutraceuticals to the systemic circulation by the intestinal lymphatic route, circumventing first-pass inactivation in the liver for the very first time. Almost all previous Oral capsules and tablets manufactured to increase testosterone including Testosterone itself are involved in the "first pass affect" which renders the active compounds virtually useless.

Shanghai Hi-Tech Nutraceuticals believes manufacturers looking to create better absorbable products should focus particular emphasis on our Cyclosome highly bioavailable CoQ10 formulation for either tablets, capsules, soft gels or liquid supplements. The superior bioavailability versus conventional CoQ10 has been proven in a large bioavailability study conducted with CoQ10. We also believe our Cyclosome highly bioavailable α -lipoic acid weight loss and weight management ingredient will be featured as well.

Shanghai Hi-Tech Nutraceuticals is convinced that the bioavailability of dietary ingredients will enjoy increasing importance and significance in the dietary supplement industry as more and more consumers are educated and understand that only an active that is sufficiently absorbed in the body will achieve the desired results or efficacy. We will have a complete line of ingredients utilizing our Cyclosome® technology such as: Tumeric/Curcumin, Milk Thistle, Chrysin, DHEA, Boswellia, Cinnamon, Green Tea, Ginkgo Biloba, Ginseng, Grape seed, Huperzine A, Resveratrol, Tribulus Terrestris, Dioscorea, and Vitamin C and D3 to name a few.

Shanghai Hi-Tech Nutraceuticals is on the verge of signing a licensing and distribution agreement with a large US raw material distributor for distribution of its proprietary ingredients.