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The Power of Nanoscience

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Alternative and Complementary Medicine Division.

Even as you read this, that initial pilot study is being followed up by a similar study through the University of Miami, with the additional investigation into various blood parameters. NanoGreens¹⁰ is used by the health professionals at the University of Miami Hospital

As our regular readers know, we posted the abstract, published in the "Journal of Chiropractic Education", which demonstrated a significant lowering of blood pressure in hypertensives. (See <http://www.biopharmasci.com/downloads/DynamicChiropractic.pdf>).

University of Miami to Reproduce Logan College Blood Pressure Study

little a 4 ounces of water per scoop.

PLEASE ALSO NOTE if a creamier texture and a more pronounced vanilla flavor is desired your patients can mix NanoPro^{PRP} in as

If a blender is used there will be no problem. However, it is best to blend all other ingredients first, and then add NanoPro^{PRP} last. Then continue blending further, but *only briefly* so as not to denature the colostrum peptides.

Very cold liquids may require some extra shaking.

seconds, so the product is thrust against the beaters in the shaker cup cap.

• Third, place the top on tightly and shake briskly up and down for 15

• Second, scoop in the NanoPro^{PRP}.

• First, pour the desired liquid into the shaker cup.

Those of you who are use to the instant mixability of NanoGreens¹⁰ will need a little more instruction when it comes to mixing NanoPro^{PRP}.

Alternate Instructions for Mixing New NanoPro^{PRP}



September Headlines:

-Alternate Instructions for Mixing New NanoPro^{PRP}

-University of Miami to Reproduce Logan College Blood Pressure Study

-NanoPro^{PRP}: Why More than Just another Whey Protein!

-New "The SuperFood Solution Recipes Page" posted!

-Congratulations Dr. Haley, NanoPro^{PRP} SuperFood Recipe Winner!

-New: FREE Shipping with an over \$290! (for "MyBioPharmacy.com" clients only)

-FREE Samples for Family and Friends!



FOR PATIENTS AND CLIENTS

nanonews

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Sept. 2007

For a library of past issues, please visit: <http://www.biopharmasci.com/patients/newsletter/pdf.asp>

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NANOPro^{PRP}: WHEY MORE THAN JUST ANOTHER WHEY PROTEIN!

If all you want to do is to build big muscles, then frankly almost any whey protein will do. But if you want the “state of the art” in a zoonutrient dense “Super Food” designed to help optimize tissue repair, antioxidant status, liver and intracellular detoxification, and powerfully modulate immune function, then you want to learn more about NanoPro^{PRP}, Whey Protein with Colostrum Peptides!

Understanding the Difference: Antioxidant and Detoxification Power

Most any whey protein will have a high biological value (HBV), supplying complete and balanced proportions of bioavailable amino acids. Whey protein isolates (WPI) are favored over whey protein concentrates (WPC) by most weight lifters and dieters because WPI is usually 90%+ pure protein, as compared to up only 80% with WPC, and contains much less lactose (milk sugar), the cause of milk intolerance, and saturated fat and cholesterol than WPC.

Regardless, undenatured whey has another very important and unique ability: it promotes the endogenous (inside the body) production of glutathione, our bodies’ most important antioxidant and detoxifier. However, this ability is destroyed by excess heat or certain other methods of processing whey, like hydrolysis, as in whey protein hydrosylate (WPH). When this occurs, the whey is said to be “denatured”. Therefore, it is important that you use certifiably undenatured whey if you want to maximize the antioxidant and detoxification benefits.

To enhance glutathione production even more, NanoPro^{PRP} contains organic selenium, the rate limiting mineral in glutathione production. NanoPro^{PRP} then further enhances the antioxidant and detoxifying power of its undenatured whey by adding glutathione as such to the formula. To protect this very small tri-peptide (three amino acid chain) from digestive juices, BioPharma encapsulates the glutathione in its patented liposomal technology, NanoSorbTM.

Understanding the Difference: Tissue Repair and Immune Function

It should be recognized that when WPI is used, some of the vitamins, minerals, and immune factors are lost in isolating the protein. However, colostrum, which is the “first milk” of all mammals, is by far the most zoonutrient dense of all foods, not only incredibly rich in vitamins but also growth factors and immune factors.

The growth factors in whey are thought to support healing and regeneration of most tissues in the body. The immune factors are of two main types, passive and active. The best known passive immune factors are the immune globulins, especially IgG. These proteins have important, but largely local and temporary benefits while in the intestines. The most powerful of the active immune peptides in colostrum are called Proline Rich Polypeptides (PRP). These can actively balance the immune system to:

1. better fight off infection and kill malignant cells,
2. turn down the immune system so it is not over-active, as in the case of allergy, auto-immune disease and various “sensitivities” to otherwise normally more or less harmless substances.

These immune and growth factors are very delicate and subject to “denaturization” (inactivation) by the digestive juices. Therefore, BioPharma nano-encapsulates these delicate peptides in its protective patented NanoSorbTM technology. To further enhance the tissue repair and immune functions, BioPharma extracts PRPs and growth factors from a separate colostrum source, nano-encapsulates them, and adds them back to its colostrum, creating in essence a “Super Colostrum”, extraordinarily high in bioavailable active immune and growth factors!

Finally, to further enhance the immune function, help support optimal blood lipids and “friendly” bacteria in the gut, and promote calcium absorption, NanoPro^{PRP} provides soluble fiber as inulin.

NanoPro^{PRP}: A Quantum Leap in Zoonutrition! BioPharma’s flag ship product, NanoGreens¹⁰, Fruits and Vegetables to the Power of 10, was designed to be a “quantum leap in phytonutrition”. Phytonutrients are those chemicals in plants that provide so many benefits beyond vitamins and minerals. Zoonutrients are those chemicals in animal foods that provide benefits beyond protein, beyond fats and carbs for energy and beyond vitamins and minerals. NanoPro^{PRP}, Whey Protein with Colostrum Peptides, has been designed to be much more than just another whey protein, but a “quantum leap in zoonutrition”!

To learn more see:
<http://www.biopharmasci.com/patients/snp/default.asp>

NEW “THE SUPERFOOD SOLUTION™ RECIPES PAGE” POSTED!

We hope you have all looked over *The Super Food Solution User’s Guide™* by now*. However, there are endless, super-good-for-you ways to enjoy BioPharma functional food formulas. We encourage you to send in your favorite so we can post it as well! All recipes received so far have already been posted. Send your favorite to me at jmaher@biopharmasci.com, including your picture and a link to your web site and we will likely post it on line on our new page:

<http://www.biopharmasci.com/downloads/recipes.pdf>

*Check out *The Super Food Solution User’s Guide™* by visiting the following web site:

<http://www.biopharmasci.com/downloads/SuperFoodSolution.pdf>

CONGRATULATIONS DR. HALEY! NANOPro^{PRP} SUPER-FOOD RECIPE WINNER!



We received a ton of recipes, and all were great! However, Dr. Mike Haley’s was our pick this month as a refreshing end of summer health drink. ENJOY!

Dr. Haley will be sent his prize of 144 NanoPro^{PRP} Travel Packets.

Thank you, Dr. Haley!

Key Lime Shake

12 oz. plain or vanilla whole milk yogurt (organic)
8 oz. frozen peaches
Juice from 1/2 lime
1 scoop NanoGreens¹⁰
1 scoop NanoPro^{PRP}

If your peaches are fresh or canned, add a handful of ice to freeze your shake. Blend all but the NanoPro^{PRP} until you have a creamy milk shake texture. Add the NanoPro^{PRP} and blend just a little more. You can garnish with a lime wedge!



New: FREE Shipping with an order over \$290!

As of July 1st, all “MyBioPharmacy.com” retail orders can garner **FREE SHIPPING** with an order of more than \$290. Otherwise shipping is \$11.95 for any order less than \$290. So bigger orders save money!

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To **ORDER** and/or set up AUTOSHIP by phone, **CALL TOLL FREE: 1-877-772-4362**, M-F, 8 AM to 4 PM, Pacific Time. Please have your Health Professional’s 4 digit HP ID Code ready.

To **relocate** your health professionals web site and ID code go to:

<http://www.biopharmasci.com/patients/default.asp> or call: **1-877-772-4362**



Remember, your family and friend’s can order **free samples** here: <http://www.biopharmasci.com/patients/default.asp>

If you purchase your BioPharma formulas at the office of your health professional, you may ask them for samples also.

We’ve made it easy to locate a **health professional nearest you who provides BioPharma formulas** at their clinic and has a “MyBioPharmacy.com” web site with shopping cart for ordering on-line! Just visit the following web site:

<http://www.biopharmasci.com/patients/default.asp>

These statements have not been evaluated by the Food and Drug Administration. These products are not intended to diagnose, treat, cure, or prevent any disease.