

# LONGEVINEX®

**NEW Micron-Sized Powder**  
for Gradual Release, Better Absorption  
Greater Stability

## YOUR BEST SOURCE OF TRANS RESVERATROL

*Trans resveratrol*, the active form of resveratrol, is best stabilized and preserved from degradation by light, heat and oxygen by microencapsulation (enfolding within plant dextrins and starches) and by encapsulation within an opaque capsule, as employed in Longevinex™.

### **The Key To Longevity**

In animal studies, Longevinex™ mimicked the gene activation profile, and reduced blood sugar better than plain resveratrol or a calorie restricted diet, something never demonstrated before in biology!

### **Not Borrowed Science**

Consumers be aware. Most competing brands of resveratrol rely upon science conducted with research-grade resveratrol, not their own product. Longevinex™ cites its own proprietary studies in both animals and humans to substantiate its claims.

### **Synergistic Like Red Wine**

The magic in red wine is produced by a low-dose of a variety of small molecules. The unique combination of three red wine molecules (resveratrol, quercetin, ferulic acid) plus rice bran IP6 in Longevinex™ mimicks this red wine effect at a lower and safer dose than competing products without the alcohol, sugars or sulfites in wine.

### **Superior Bioavailability**

There's a mistaken idea that resveratrol is not biologically available. Studies show ~70% of trans resveratrol is orally absorbed [Drug Metabolism 32: 1377, 2004]. As resveratrol traverses the liver it is attached to a detox molecule called glucuronate, prolonging its half-life (50% degradation) up to 9 hours. At sites of inflammation, infection or malignancy, the enzyme glucuronidase releases trans resveratrol from its binding molecule (glucuronate), thus delivering resveratrol at the right time and place.

**Toll-Free Re-Order Line: (866) 405-4000**

Worldwide Fax: (702) 316-2902

#### **Distribution Center:**

2711 East Craig Road, Suite K, North Las Vegas, NV 89030 USA

**www.longevinex.com**

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

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Synergistic Blend of  
Stabilized Resveratrol, Quercetin, Rice Bran, Vitamin D, Ferulate  
**LONGEVINEX®**

Breakthrough Independent Laboratory Study

*Proven to Activate More Longevity Genes  
Than Resveratrol or a Limited-Calorie Diet Alone*

**NEW Better Than Ever!**

# LONGEVINEX®

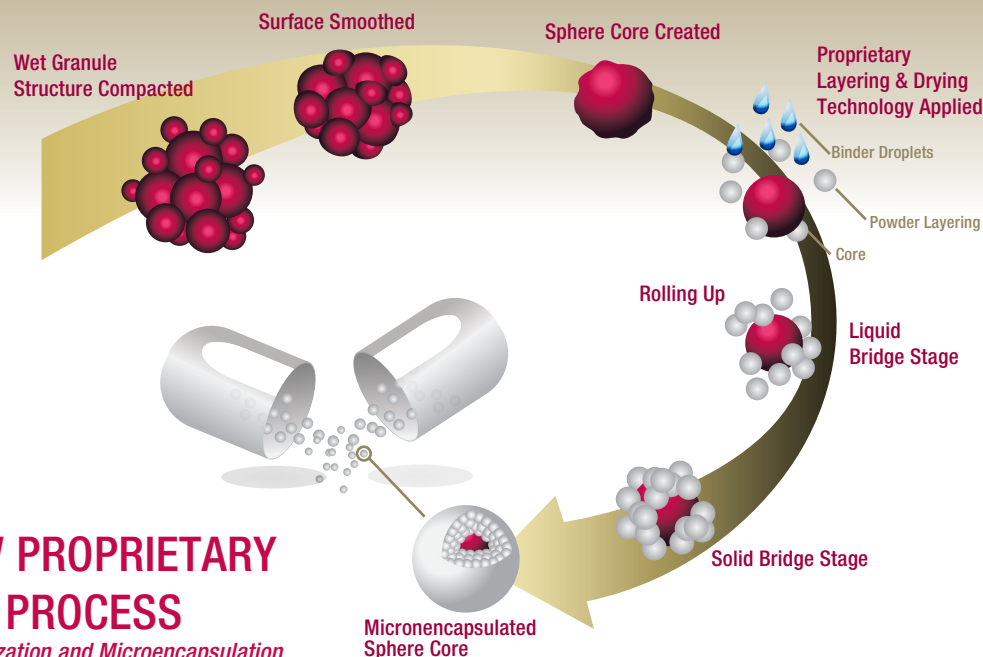
Our new micronized/microencapsulated process yield the most absorbable and stable trans resveratrol ever. Plus, this microencapsulated powder prolongs absorption to produce optimal utilization.

We've also added nutrients that expand the anti-aging capabilities of Longevinex™. Longevinex™ truly is more than just resveratrol. It's a complete supplement for a longer – and better – life!

- ✓ New micron-sized powder stabilizes ingredients in a vegetable based matrix
- ✓ Promotes slow release and optimal absorption
- ✓ Vitamin D3 added to enhance genomic response
- ✓ Three natural mineral chelators to help reverse calcification and rusting of tissues
- ✓ New vegetarian capsule protects the Integrity of nutrients until released in your body

## NEW PROPRIETARY M2\* PROCESS

*\*Micronization and Microencapsulation*



## Important Things to Know About Taking Longevinex™:

- ✓ The ingredients in Longevinex™ heighten the effects of medications and should not be taken at the same time. (This is similar to the effect produced by grapefruit juice medications.)
- ✓ The ingredients in Longevinex™ are known to inhibit blood clotting and may not be compatible with blood thinning drugs.
- ✓ Do not use if anemic.
- ✓ Longevinex™ is not recommended for growing children, women during pregnancy or anyone allergic to its contents.
- ✓ Excessively-high doses have been reported to cause Achilles heel tendonitis.
- ✓ Store in a cool, dry place.
- ✓ For optimal health, take with meals.
- ✓ When consuming Longevinex™ with a meal, supplemental vitamin C will negate the mineral-chelating properties of Longevinex™. Take vitamin C or Longevinex™ at a separate time, or apart from meals.

## SPECIAL NEWS REPORT



# LONGEVINEX®

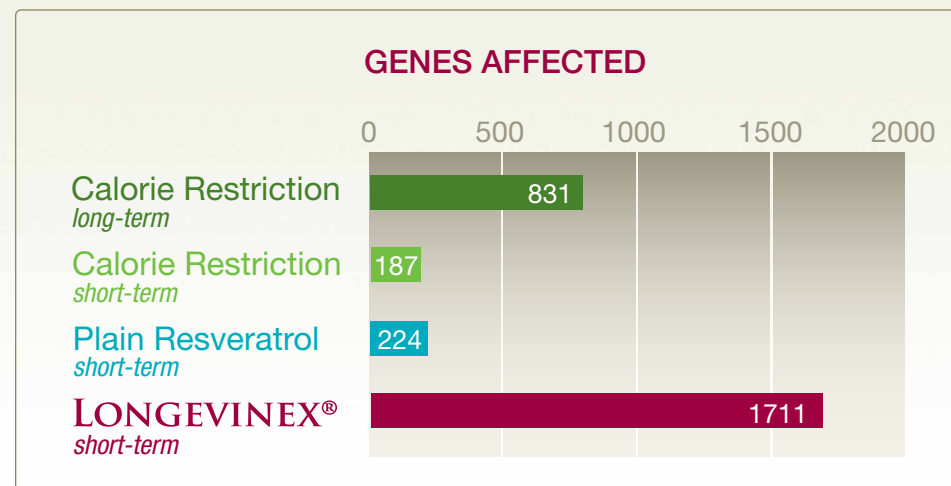
**Longevinex™ nutraceutical matrix  
found to exert 9 times greater  
effect upon the genome  
at 17 to 320 times lower dose  
that plain resveratrol.**

— Animal study, *Journal of Experimental Gerontology*

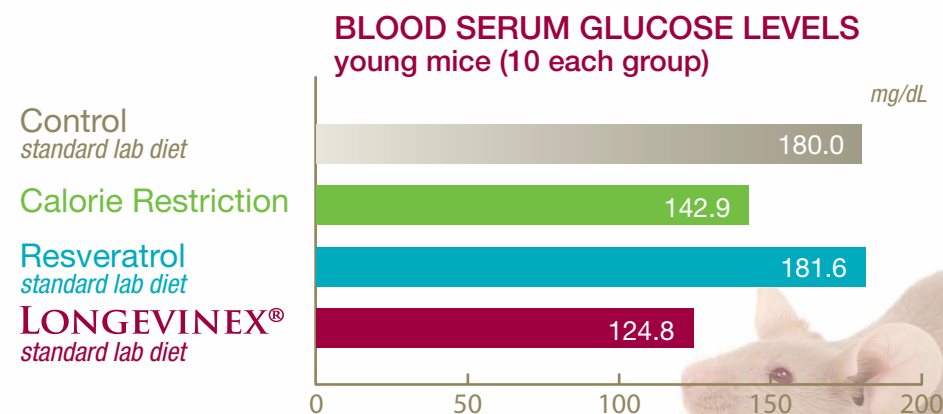
Researchers report that a proprietary nutraceutical matrix (Longevinex™) exhibits striking effects upon genes controlling energy metabolism, nine times broader than research-grade resveratrol and a calorie-restricted (CR) diet. The results suggest a vitally important synergism between resveratrol (rez-vair-ah-trawl) and other key bionutrients in Longevinex™ (long-jev-in-ex), as well as the merits of its stabilized form of resveratrol. Longevinex™ exerts more demonstrable genomic effects at 15 times lower dose of resveratrol than employed in a prior acclaimed animal study (*Nature Magazine*, Nov 1, 2006). The patent applied- for Longevinex™ matrix favorably affects more gene pathways (by 3-4 fold) compared to a CR diet. Furthermore, the short-term study produced effects only seen previously in long-term CR diets. Most gene expression patterns caused by aging are partially or completely prevented by CR.

Furthermore, mice serve as a good model for human aging because they both have 30,000 genes that exhibit similar position and function. The landmark study (*Experimental Gerontology*, 2008) employed gene array technology and utilized microarrays which provide data on the effect that dietary measures have on more than 20,000 genes. The study asserts that the recent scientific attention given to resveratrol and the Sirtuin1 gene will now shift toward nutraceutical combinations and gene arrays rather than single molecules and their affect upon single genes. This discovery is suggestive of a day when humans can molecularly avert the effects of over-eating as well as slow or reverse the aging process without depriving themselves of food.

Short-term provision of a Longevinex™ fortified diet produced favorable gene expression that is only seen in long-term adherence to a limited-calorie diet.



**LONGEVINEX™ REDUCES BLOOD SUGAR  
SUPERIOR TO A LIMITED-CALORIE DIET!**  
(First-Time Anything Has Exceeded The Effect Of A Calorie-Restricted Diet!)



Mice and humans share  
about 99% of their 30,000 genes

