

SIRTUINS

HEART HEALTH & AGING

*Because Healthy Aging
Requires Healthy Arteries and a Healthy Heart*

Dr. Mark Houston, Associate Clinical Professor of Medicine at Vanderbilt Medical School and Director of Hypertension Institute and Vascular Biology in Nashville, in conjunction with Biotics Research Corporation, have developed a series of products to support sirtuin activity.



Sirtuins are a class of enzymes that affect cellular metabolism via selective gene expression.

Sirtuins perform two post-translational modifications of target proteins:

- Deacetylation (coupled to NAD⁺)
- Mono-ADP-ribosylation (coupled to NAD⁺)

Mammals have seven sirtuin proteins which are classified according to their amino acid sequence. Sirtuins regulate cell survival, fat metabolism and insulin secretion.

In animal studies, Sir 2 has been shown to mimic caloric restriction and extend life expectancy by more than 30%.

VasculoSirt™, EFA-Sirt Supreme™ and ResveraSirt-HP™

Support for vascular integrity and healthy aging by supporting and stimulating sirtuin activity.

For additional information on these or other Biotic's products please contact us:



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