



In response to increasing demand from Practitioners, Biotics Research Corporation has developed the Weekly Practice Builder program to bring important, leading-edge information and literature to you, thereby helping facilitate the growth of your practice through improved patient outcomes. Biotics Research Corporation products are available exclusively through Healthcare Providers.

Questions? Comments? Biotics Research Corporation wants to hear from you!

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For the Health of Your Patients:

Sirtuins are a family of proteins found in all domains of life. Localised within the cell nucleus, they function in DNA repair and are considered to be regulators of cell defense systems. Of the 7 sirtuins genes that have been classified in mammals, the one which has received the predominant share of study is Sirt I. Sirt I has predominantly been linked to lifespan extension, however sirtuins have been associated with a variety of other functions including: gene silencing, cell cycle regulation, fatty acid metabolism, apoptosis, metabolism, cellular differentiation, as well as decreased adipocyte formation. Sirtuins deacetylate transcription factors FOXOs, p53, and NF and suppresses their activities. Collectively, *in-vitro* and *in-vivo* studies have demonstrated sirtuins' ability to mimic caloric restriction, extend lifespan, delay onset of age-related diseases, diminish insulin resistance, and enhance immune function.



Why choose Biotics Research Corporations' Sirtuin products for your patients?

Our fine line of Sirtuin products were developed in conjunction with Dr. Mark Houston, MD, MCs, ABAAM, FACP, FAHA, Associate Clinical Professor of Medicine at Vanderbilt Medical School and Director of Hypertension Institute and Vascular Biology in Nashville, TN. Our Sirtuin products combine state of the art research and clinical expertise, and make for easy adjuncts for the healthcare practitioners concerned with anti-aging and vascular health. Currently, the Sirtuin line includes:

VasculoSirt® - A compilation of over a dozen leading, highly researched supplement components used to support healthy aging and cardiovascular health.

EFA-Sirt Supreme® – A superior blend of essential fatty acids fortified with delta tocopherol, designed to support cardiovascular health and optimal aging.

ResveraSirt-HP® – High potency trans-resveratrol with quercetin, shown to provide significant antioxidant protection, to be cardio-protective, to downregulate proinflammatory mediators, and to mimic caloric restriction and the benefits associated with it.

Lipid-Sirt® – A blend of plant sterols, green tea extract, pantethine, delta-tocotrienol and Phytolens®, designed to support healthy lipid levels.

Red Yeast Rice: The yeast *Monascus purpureus* grown on rice is known in the nutritional industry as **Red Yeast Rice (RYR)**. The major components of RYR are the monacolins.

Dr. Houston's Lipid Kit: A combination of **Niacin 100™, Red Yeast Rice & Lipid-Sirt®**.

Once again, Biotics Research Corporation brings you "*The Best of Science and Nature*".