Curcumin Inhibits Angiogenesis to Fight Multiple Myeloma

Michelle O'Sullivan February 11, 2019

VitaBreeze Curcumin could be an excellent source of this phytochemical. This formula is GMP-certified.

(Newswire.net -- February 11, 2019) Orlando, FL -- Scientists and researchers are conducting studies to explore more of curcumin's healing benefits. This phytochemical has been found to ward off a variety of diseases, including ones that are fatal.

According to experts, multiple myeloma is a type of blood cancer that takes place when the plasma cells turn malignant. It is important to understand that these plasma cells are a vital component of the immune system as they take care of producing antibodies to fight infections.

When multiple myeloma develops, these cells multiply excessively and lead to multiple tumor formation in many bones. This often leads to an impediment in the formation of healthy blood cells in the bone marrow.

Curcumin can be found in the ancient, Ayurvedic spice called turmeric. It is believed to be one of the major reasons why turmeric is highly therapeutic.

This phytochemical contains a variety of pharmacological properties, which include anti-cytotoxic, antibiotic, antimicrobial, anti-purulent, immunomodulating, antitumoral, antiseptic, antioxidant, anti-amyloidogenic, insulin-sensitizing, and metal-chelating properties.

It also has antibacterial, anticarcinogenic, antiproliferative, antiviral, renoprotective, androgenic, antifibrotic, genoprotective, antifungal, anti-inflammatory, neurorestorative, and anticoagulant agents.

It is important to understand that just like other types of cancers, multiple myeloma is also characterized by the high angiogenic activity. This condition occurs due to increased angiogenesis in the bone marrow.

The increased expression of pro-angiogenic factors as well as the suppression of anti-angiogenic factors leads to the aberrant growth of blood vessels. This results in a supply of oxygen and nutrients to cancer cells.

Experts further revealed that in multiple myeloma, various growth factors are observed in the process of angiogenesis. These include VEGF (vascular endothelial growth factor), BFGF (basic fibroblast growth factor), and BDNF (brain derived neurotrophic factor).

This phytochemical called curcumin has been found to have anti-angiogenic effects. It has an ability to inhibit angiogenesis due to its ability to act on the signal transduction pathways, which promote angiogenic activity.

Researchers further add that curcumin inhibits the BDNF production in the multiple myeloma cells, and this prevents angiogenesis induction.

VitaBreeze Curcumin could be an excellent source of this phytochemical. This formula is GMP-certified, and is known for its high potency and purity. This product has been reputed to be a great source of this therapeutic goodness of this phytochemical.

This formula could be useful for preventive health purposes. It made in a Good Manufacturing Practices (GMP) facility in the United States. It is made according to the high standards and strict guidelines set by the U.S. FDA (http://amazon.com/Turmeric-Curcumin-Complex-Pepper-Extract/dp/B00JA4TLT1/).

About VitaBreeze

VitaBreeze is a nutraceutical brand that manufactures high-quality natural supplements to help people live a healthy,
enjoyable, and longer life. All of the company’s products are manufactured in the United States using the finest-quality ingredients that have been carefully selected, tested, and crafted into the firm’s winning formulas. Visit http://www.VitaBreeze.com to learn more.

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