Pterocarpus Marsupium Extracts Studied in Diabetic Research

By WholeFoods Magazine Staff- February 26, 2018

East Windsor, NJ – In a recent published study in the Journal of *Dietary Supplements*, researchers found that Pterocarpus marsupium extracts manufactured by Sami Labs (the manufacturing arm of Sabinsa Corporation) lowered blood glucose and HbA1c levels, increasing the levels of the hormone insulin in diabetic rats.

Conducted at the Department of Biochemistry and Biotechnology, Annamalai University, Annamalai nagar, Tamilnadu, India, data showed that these extracts, containing water-soluble C-glycosidic components, also lowered oxidative stress and inflammatory markers such as TNF-α, IL-6 (and its mRNA) in diabetic hepatic tissue.

The study concluded that the 5% fraction of Pterocarpus marsupium extract, supplied as Sabinsa's Pterosol ingredient, resulted in significant benefits, with the authors suggesting that Pterosol might be an effective plant-based anti-hyperglycemic, anti-inflammatory, and anti-hyperlipidemic agent without any side effects.

"Modern research validating the ancient practices of Ayurveda is what Sabinsa has done for 30 years, and yet the experience never gets old," said Sabinsa worldwide president Shaheen Majeed. "We expect to see additional studies reinforce this traditional knowledge."

An estimated 30.3 million people of all ages—or 9.4% of the U.S. population —had diabetes in 2015, according to the Centers for Disease Control and Prevention (CDC). Sedentary lifestyle and food choices act in concert to increase diabetic risk factors and incidence.

Pterocarpus marsupium water-soluble extracts from the Indian Kino tree have been traditionally used for control of blood sugar in Ayurveda, according to the company. For centuries an Ayurvedic method of controlling diabetes involved drinking a water extract of Pterocarpus obtained either by soaking pieces of the wood in water overnight or utilizing a tumbler carved from wood from the Indian Kino tree filled with water.