



Dr. **Armine Isoyan**, from Orbeli Institute of Physiology NAS RA, Armenia, will join the Stevia Convention 2022 to give a talk entitled "

Stevia rebaudiana

Enhances Functional Recovery of Injured Sciatic Nerves in High-Fructose Diet Rats

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During the session, Dr. Isoyan will explain the relationship between steviolosides and metabolic disorders associated with neurological dysfunctions. Metabolic syndrome is caused by high fructose diet, which is linked to neurological disorders. The high reactivity of fructose metabolites contributes to the formation of advanced glycation end-product, which impairs regenerative capacity of injured peripheral nerve.

Dr. Isoyan and her team have evaluated the preventive efficacy of stevioloside against metabolic disorder associated with traumatic sciatic nerve injury. In high fructose-diet rats, stevioloside from hydroponic Stevia promotes behavioral sensomotor recovery, as well as the electrophysiological indices of adaptive responses of spinal motoneurons.

Stevia Tasteful 2022

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