

Special Issue

Peripheral Diabetic Neuropathy: Symptoms, Causes and Treatment

Message from the Guest Editors

Peripheral diabetic neuropathy (PDN) is a common complication of diabetes mellitus, which leads to structural and functional changes of peripheral nerve fibers. PDN has been recognized as a progressive disease which causes sensitive, motor, or autonomic functional changes to nearly 60 percent of patients with diabetes. However, to date, there is no causal therapy for PDN. The approach is therefore preventive or symptomatic, such as a drug treatment of hyperglycemia and neurological symptoms. Very recently, neuroinflammation has been discussed as a facet of PDN. The development of novel therapeutic strategies is warranted to better understand PDN pathomechanisms.

The present issue deals with new treatment options for damaged peripheral nerves in pre-diabetic and diabetic patients and in animal models of obesity and diabetes. Moreover, the inflammatory mechanism means that a re-examination of human and experimental PDN is warranted.

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