

Special Issue

Frontiers in Pentadecapeptide BPC 157

Message from the Guest Editors

This special issue deals with a native gastric peptide, resistant and stable in the human gastric juice, membrane stabilizer, counteracting gut-leaky syndrome, the stable gastric pentadecapeptide BPC 157, as a particular target, distinctive from the standard peptide growth factors, with particular molecular pathways involved, controlling VEGF- and NO-pathways. As novel mediator, BPC 157 was coming after the evidenced point of their limited beneficial effects, and NO-system importance widely introduced, but vigorously established interconnection with these important systems (i.e., prostaglandins, dopamine, serotonin, NO). In addition to the beneficial effect on the entire gastrointestinal tract, and other organs various agents-and/or noxious procedures-induced lesions (liver, lung, heart, spinal cord and brain), and considerable wound healing, it may include counteraction of the depression-models, schizophrenia positive symptom-models and catalepsy-models. Recently, BPC 157 counteracts the vascular occlusion disturbances and blood pressure disturbances (relieving a Virchow's triad situation) by rapid activation of the collateral vessel pathways.

Guest Editors

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