“Spinal Cord Injury Causes an Acquired Bone Marrow Failure Syndrome”

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Dr. Popovich is Professor and Chair of Neuroscience at The Ohio State University. He is the Executive Director, Belford Center for Spinal Cord Injury and Director, Center for Brain and Spinal Cord Repair, as well as a faculty affiliate of the Chronic Brain Injury Program. Dr. Popovich’s research focuses on understanding the consequences of traumatic spinal cord injury (SCI) on immune system dysfunction.

In this talk, Dr. Popovich will discuss how spinal cord injury (SCI) causes immune dysfunction, increasing the risk of infectious morbidity and mortality. Since bone marrow hematopoiesis is essential for proper immune function, we hypothesize that SCI disrupts bone marrow hematopoiesis. Together, our data suggest that SCI causes an acquired bone marrow failure syndrome that may contribute to chronic immune dysfunction.