

Abstract

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Abstract: [Post-traumatic stress disorder \(PTSD\) is a neurological condition which results from a traumatic experience](#) [and regenerative medicine - Cell differentiation](#)

Abstract: Post-traumatic stress disorder (PTSD) is a neurological condition which results from a traumatic experience. It is characterized by persistent re-experiencing of the event, avoidance of stimuli associated with the event, negative alterations in mood and cognition, and increased arousal. The pathogenesis of PTSD is complex and involves a combination of genetic, environmental, and psychological factors. Recent research has highlighted the role of neuroendocrine and neuroimmune systems in the development of PTSD. This abstract discusses the current understanding of the pathogenesis of PTSD and the potential for regenerative medicine to address the underlying neural and cellular mechanisms of this condition. Regenerative medicine, which involves the use of stem cells and other cellular therapies to repair and regenerate damaged tissues, offers a promising approach to the treatment of PTSD. This abstract discusses the potential for regenerative medicine to address the underlying neural and cellular mechanisms of PTSD and the potential for regenerative medicine to address the underlying neural and cellular mechanisms of PTSD.