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Elevated plasma macrophage migration inhibitor factor as a risk factor for the development of post-stroke depression in ischemic stroke

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Abstract

Background Macrophage migration inhibitory factor (MIF), a central cytokine of the innate immunity and inflammatory responses, has been reported to link to the pathophysiology of cardiovascular disease and depression. The aim of this study was to test the possible association between plasma MIF and the development of post-stroke depression (PSD) in Chinese patients with acute ischemic stroke (AIS).

Methods The first-ever AIS patients who were hospitalized at Affiliated Hospital of Weifang Medical College during the period from November 2015 to September 2017 were

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