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Erythropoietin

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Message from the Guest Editors

Dear Colleagues,

Erythropoiesis-stimulating agents (ESAs) such as erythropoietin (Epo) and Darbepoetin (Darbe) have been used for over 30 years as red cell growth factors in adults, children, and infants with anemia due to a variety of conditions. Recently, studies have focused on the potential neuroprotective effects of ESAs. Neuroprotective and neuroreparative mechanisms evaluated include decreased apoptosis, increased oligodendrogenesis and neurogenesis, and neuronal protection against inflammation and oxidative injury. This Special Issue of the *International Journal of Molecular Sciences* will focus on the study and review of hematopoietic and neuroprotective mechanisms of erythropoietin and newer long-acting erythropoiesis-stimulating agents. Therapeutic uses in a variety of populations will be explored.

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Special Issue



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Message from the Editor-in-Chief

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