

New Advances on Glial Activation in Health and Disease

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**New advances on glial activation in health and disease**

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### Abstract

In addition to being the <sup>42</sup>support cells of the central nervous system (CNS), astrocytes are now recognized as active players in the regulation of synaptic function, neural repair, and CNS immunity. <sup>17</sup>Astrocytes are among the most structurally complex cells in the brain, and activation of these cells has been shown in a wide spectrum of CNS injuries and diseases. Over the past decade, research has begun to elucidate the role of astrocyte activation and changes in

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