

Bicocca HEALTH seminar

Dipartimento di Biotecnologie e Bioscienze – UNIMIB

giovedì 27 gennaio, 2022, ore 16:30, aula U3-04 / Webex

“Experimental cell therapies with the use of neural stem cells for the treatment of Amyotrophic Lateral Sclerosis patients”

Daniela Ferrari, PhD

Dipartimento di Biotecnologie e Bioscienze, UNIMIB

Abstract: Cell-based approaches remain one of the most interesting areas of investigation for the development of effective experimental therapies for central nervous system disorders. The inherent functional plasticity of stem cells allows them to carry out a plethora of potential therapeutic actions, spanning the replacement of dead cells, immunomodulation, anti-inflammatory, trophic, homeostatic, scavenging and toxicity-blunting effects. I will summarize the main results obtained by preclinical and clinical studies that have investigated the therapeutic properties of neural stem cells for neurodegenerative diseases focusing on Amyotrophic Lateral Sclerosis.

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