Structural networks involved in attention and executive functions in multiple sclerosis

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Authors: Sara Llufriu[1]*¶, Eloy Martinez-Heras[1¶], Elisabeth Solana[1], Nuria Sola-Valls[1], Maria Sepulveda[1], Yolanda Blanco[1], Elena H. Martinez-Lapiscina[1], Magi Andorra[1], Pablo Villoslada[1], Alberto Prats-Galino[2], Albert Saiz[1].

1. Center of Neuroimmunology. Laboratory of Advanced Imaging in Neuroimmunological Diseases. Hospital Clinic Barcelona, Institut d'Investigacions Biomediques August Pi i Sunyer (IDIBAPS) and Universitat de Barcelona. Barcelona, Spain.

2. Laboratory of Surgical NeuroAnatomy (LSNA). Facultat de Medicina. Universitat de Barcelona. Barcelona, Spain.

*Corresponding author: Sara Llufriu, MD, PhD. Hospital Clinic Barcelona, Calle Villarroel 170. CP 08036. Barcelona, Spain. E-mail: sllufriu@clinic.cat. Phone: +34932275414. Fax: +34932275783.

¶These authors contributed equally to this work (co-first authors).

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Highlights

1. High order tractography and anatomical exclusion criteria improves connectivity analyses.

2. Structural connectivity is less efficient in multiple sclerosis.

3. Attentional and executive functions relates to integrity of strategic networks.

4. Increased connectivity suggests structural reorganization mechanisms.