

Céline LOUAPRE, MD, PhD

CURRICULUM VITAE

PERSONAL INFORMATION

Date of Birth : May 8, 1980
Place of birth : Tarbes (France)
Citizenship : French
Work Address : Institut du Cerveau et de la Moelle Epinière
Neurologue, Département de Neurologie
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OCCUPATIONAL FIELD

Clinical coordinator at the Clinical Research Center of Neuroscience
Brain and Spine Institute, Pitié Salpêtrière Hospital, Paris
Neurologist, consultant in the Neurology Department, Pitié Salpêtrière
Hospital, Paris

EDUCATION AND DIPLOMAS

- **2008-2013: PhD program in neuroscience**, Paris 6 University, Brain and Spine Institute
Structural and functional correlates of early cognitive impairment in Multiple Sclerosis
Advisor: Pr. Stéphane Lehéricy.
- **February 2009: Medical thesis**, specialty: **Neurology**, Pitié-Salpêtrière, Paris 6 University
Cognitive impairment in multiple sclerosis, Highest honors
- **2007/2008: Master 2 in neuroscience** (funded by JNLF), Paris 6.
Anatomical and functional correlates of cognitive impairment in multiple sclerosis.
Co-advisors : Stéphane Lehéricy and Habib Benali (LIF, Inserm UMR_S 679).

PROFESSIONAL EXPERIENCE

- **September 2015 – present: Clinical coordinator at the Centre d'Investigation Clinique des neurosciences (Clinical research center)**, Pitié-Salpêtrière Hospital, Department of Neurology, Pr Jean-Christophe Corvol, Pr Catherine Lubetzki
- **January 2013 – July 2015: Post-doctoral research fellow**, AA Martinos Center for Biomedical Imaging
Study of cortical pathology using ultra-high field MRI in multiple sclerosis
Advisor: Dr Caterina Mainero.
- **2009-2012: Clinical Assistant in neurology**, Pitié Salpêtrière Hospital, in the team of Pr **Catherine Lubetzki** (in charge of a medical unit devoted to CNS inflammatory diseases, teaching at Paris 6 University, investigator in several industrial protocols in MS)
- **2003- 2009: Residency** in neurology, Paris.

Main Publications

- The association between intra- and juxta-cortical pathology and cognitive impairment in multiple sclerosis by quantitative T2* mapping at 7 T MRI. **Louapre C**, Govindarajan ST, Gianni C, Madigan N, Nielsen AS, Sloane JA, Kinkel RP, Mainero C. *Neuroimage Clin*. 2016 Nov 3;12:879-886
- Beyond focal cortical lesions in MS: an in vivo quantitative and spatial imaging study at 7 T. **Louapre C** et al. *Neurology*. 2015 Nov 10;85(19):1702-9
- Is the Relationship between Cortical and White Matter Pathologic Changes in Multiple Sclerosis Spatially Specific? A Multimodal 7-T and 3-T MR Imaging Study with Surface and Tract-based Analysis. **Louapre C**, Govindarajan ST, Gianni C, Cohen-Adad J, Gregory MD, Nielsen AS, Madigan N, Sloane JA, Kinkel RP, Mainero C. *Radiology*. 2015 Sep 2:150486.
- A gradient in cortical pathology in multiple sclerosis by in vivo quantitative 7 T imaging. **Mainero C***, **Louapre C***, Govindarajan ST, Gianni C, Nielsen AS, Cohen-Adad J, Sloane J, Kinkel RP. * **contributed equally**. *Brain*. 2015 Apr;138(Pt 4):932-45
- Brain networks disconnection in early MS cognitive deficits: an anatomo-functional study. **Louapre C**, Perlberg V, Garcia-Lorenzo D, Urbanski M, Benali H, Assouad R, Galanaud D, Freeman L, Bodini B, Papeix C, Tourbah A, Lubetzki C, Lehericy S, Stankoff B. *Human Brain Mapping*, 2014 Sep;35(9):4706-17
- Clinical and MRI characterization of MS patients with a pure and severe cognitive onset. **Assouad R***, **Louapre C***, Tourbah A, Papeix C, Galanaud D, Lubetzki C, Stankoff B. * **contributed equally** *Clin Neurol Neurosurg*. 2014 Nov;126:55-63 **IF 1.1**