

Biographical Sketch



Jean Regis
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A. PROFESSIONAL PREPARATION

<u>College/University</u>	<u>Major</u>	<u>Year</u>
Faculte de Médecine de Marseille	Medical School	1981-1987
Functional Neurosurgery Pr R Sedan	General Practice	1987-1988
Neurology Pr JL Gastaut	Neurosurgery Residency	1988-1988
Neuroradiology Pr G Salamon	Neurosurgery Residency	1988-1989
Functional Neurosurgery Pr R Sedan	Neurosurgery Residency	1989-1989
Military Service	General Neurosurgery	1989-1991
CEA SHFJ Frederic Joliot	Brain modelisation Research	1991-1992
General Neurosurgery Pr Grisoli	Neurosurgery Residency	1992-1992
Functional Neurosurgery Pr R Sedan	Neurosurgery Residency	1992-1994
Functional Neurosurgery Pr R Sedan	Assistant Chef de Clinique	1994-1997
Functional Neurosurgery Pr R Sedan	Praticien Hospitalier	1997-2003
Functional Neurosurgery Pr R Sedan	Professor of Neurosurgery	2003-2010
Functional Neurosurgery	Head of the department	2010-present

B. ACADEMIC/PROFESSIONAL APPOINTMENTS

Research Degree	Sept 1993
Medical Degree	April 1994
Neurosurgery Degree	Oct 1994
Praticien Hospitalier Neurochirurgie	1997
Professor of Neurosurgery	Sept 2003
Honorary Professor Tokyo TWMH	2003

C. PRODUCTS

360 peer reviewed paper
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1. Mangin JF, Riviere D, Cachia A, Duchesnay E, Cointepas Y, Papadopoulos-Orfanos D, Scifo P, Ochiai T, Brunelle F, Regis J: A framework to study the cortical folding patterns. **Neuroimage** 23 Suppl 1:S129-138, 2004.
2. Ochiai T, Grimault S, Scavarda D, Roch G, Hori T, Riviere D, Mangin JF, Regis J: Sulcal pattern and morphology of the superior temporal sulcus. **Neuroimage** 22:706-719, 2004.

3. Poupon C, Clark CA, Frouin V, Regis J, Bloch I, Le Bihan D, Mangin J: Regularization of diffusion-based direction maps for the tracking of brain white matter fascicles. **Neuroimage** 12:184-195., 2000.
4. Regis J, Mangin JF, Ochiai T, Frouin V, Riviere D, Cachia A, Tamura M, Samson Y: "Sulcal root" generic model: a hypothesis to overcome the variability of the human cortex folding patterns. **Neurol Med Chir (Tokyo)** 45:1-17, 2005.
5. Regis J, Tamura M, Park MC, McGonigal A, Riviere D, Coulon O, Bartolomei F, Girard N, Figarella-Branger D, Chauvel P, Mangin JF: Subclinical abnormal gyration pattern, a potential anatomic marker of epileptogenic zone in patients with magnetic resonance imaging-negative frontal lobe epilepsy. **Neurosurgery** 69:80-93; discussion 93-84, 2011.
6. Schuepbach WM, Rau J, Knudsen K, Volkmann J, Krack P, Timmermann L, Halbig TD, Hesekamp H, Navarro SM, Meier N, Falk D, Mehdorn M, Paschen S, Maarouf M, Barbe MT, Fink GR, Kupsch A, Gruber D, Schneider GH, Seigneuret E, Kistner A, Chaynes P, Ory-Magne F, Brefel Courbon C, Vesper J, Schnitzler A, Wojtecki L, Houeto JL, Bataille B, Maltete D, Damier P, Raoul S, Sixel-Doering F, Hellwig D, Gharabaghi A, Kruger R, Pinsker MO, Amtage F, Regis JM, Witjas T, Thobois S, Mertens P, Kloss M, Hartmann A, Oertel WH, Post B, Speelman H, Agid Y, Schade-Brittinger C, Deuschl G: Neurostimulation for Parkinson's disease with early motor complications. **N Engl J Med** 368:610-622, 2013.
7. Castinetti F, Regis J, Dufour H, Brue T: Role of stereotactic radiosurgery in the management of pituitary adenomas. **Nat Rev Endocrinol**.
8. Padovani L, Regis JM, Muracciole X. Breast cancer--what about radiosurgery for brain metastasis? **Nat Rev Clin Oncol** 2011;8:506
9. Bonini F, Burle B, Liegeois-Chauvel C, Regis J, Chauvel P, Vidal F. Action monitoring and medial frontal cortex: leading role of supplementary motor area. **Science**. Feb 21 2014;343(6173):888-891.
10. Dubarry AS, Badier JM, Trebuchon-Da Fonseca A, Gavaret M, Carron R, Bartolomei F, Liegeois-Chauvel C, Regis J, Chauvel P, Alario FX, Benar CG: Simultaneous recording of MEG, EEG and intracerebral EEG during visual stimulation: from feasibility to single-trial analysis. **Neuroimage** 99:548-558, 2014.
11. Fluchere F, Witjas T, Eusebio A, Bruder N, Giorgi R, Leveque M, Peragut JC, Azulay JP, Regis J: Controlled general anaesthesia for subthalamic nucleus stimulation in Parkinson's disease. **J Neurol Neurosurg Psychiatry** 85:1167-1173, 2014.
12. Eusebio A, Witjas T, Cohen J, Fluchere F, Jouve E, Regis J, Azulay JP: Subthalamic nucleus stimulation and compulsive use of dopaminergic medication in Parkinson's disease. **J Neurol Neurosurg Psychiatry** 84:868-874, 2013.
13. Nuttin B, Wu H, Mayberg H, Hariz M, Gabriels L, Galert T, Merkel R, Kubu C, Vilela-Filho O, Matthews K, Taira T, Lozano AM, Schechtmann G, Doshi P, Broggi G, Regis J, Alkhani A, Sun B, Eljamel S, Schuder M, Kaplitt M, Eskandar E, Rezaei A, Krauss JK, Hilven P, Schuurman R, Ruiz P, Chang JW, Cosyns P, Lipsman N, Voges J, Cosgrove R, Li Y, Schlaepfer T: Consensus on guidelines for stereotactic neurosurgery for psychiatric disorders. **J Neurol Neurosurg Psychiatry**, 2014.
14. Bettus G, Ranjeva JP, Wendling F, Benar CG, Confort-Gouny S, Regis J, Chauvel P, Cozzone PJ, Lemieux L, Bartolomei F, Guye M: Interictal functional connectivity of human epileptic networks assessed by intracerebral EEG and BOLD signal fluctuations. **PLoS One** 6:e20071, 2011.