

Frederic ALBERT, PhD

116 Avenue Zenatti, Villa 23,

13008 Marseille, France

① +33 (0)6 08 99 55 08

Email: f.albert@technoconcept.fr

LinkedIn: <https://fr.linkedin.com/in/frederic-albert-85575b30>



Co-director and Head of Clinical Applications at TechnoConcept

- 2016-Present **Co-Director and Head of Clinical Applications**, Techno Concept (Marseille, France)
- 2014-2016 **R&D Project Manager**, Techno Concept (Marseille, France):
- . Development of innovative solutions in neurorehabilitation, pain management and physical therapy.
 - . Manager of R & D project.
 - . Co-Head of Communication Strategy.
- 2010-2013 **Project Manager of Technology Transfert**, SATT Sud Est (Marseille, France):
- . Experience in the different phases of a technology transfer in Life Sciences / Health: diagnosis of the maturity of a project, intellectual property, proof of concept, technology promotion, licensing.
 - . Management of multidisciplinary teams at technology transfer and multi-center clinical study academics, experts on intellectual property and regulatory affairs, engineers, financiers, industrialists and clinicians.
 - . Accompanying the development of industrial development strategies and corresponding budgets during a transfer of technology.
- 2008-2010 **Manager of Innovative Projects, Université Aix-Marseille** (Marseille, France):
- . Management of research programs (Winner of the INPI National Innovation Awards, January 2009) and development programs (certified prototype).
 - . Writing and publication of national and PCT patents.
- 2006-2008 **Associate Professor**, Columbia University (New York, USA):
- . Research leading to transfer of competence to large rehabilitation centers in North America and Europe.
 - . Teaching and management of research projects.
 - . Submission to calls for international projects.
- 2000-2006 **Researcher in Neurosciences and Teaching Assistant and Research, Ministry of Research, Aix-Marseille University** (Marseille, France)

Education

- 2013-2014 Master 2 Engineering Innovation, Entrepreneurship, Research Promotion and Transfer of Skills, Economics, University of Paris Sud.
- 2001-2005 PhD in Neurosciences, Cognitic Programm, Université Aix-Marseille.
- 2000-2001 Master degree of Neuropsychology at Institut of Cognitives Sciences, Lyon.

Scientific Publications

- Illusory movements prevent cortical disruption caused by immobilization. Roll R, Kavounoudias A, **Albert F**, Legré R, Gay A, Fabre B, Roll JP (2012) Neuroimage Aug 1;62(1):510-9.
- Impaired anticipatory control of grasp during obstacle crossing in Parkinson's disease. Mclsaac TL, Diemayr G, **Albert F** (2012) Neuroscience Letters May16; 516 (2):242-6.
- Coordination of grasping and walking in Parkinson's disease. **Albert F**, Diemayr G, Mclsaac TL, Gordon AM (2010) Experimental Brain Research 202 (3): 709-21.
- A proprioceptive model for inducing in humans any two dimensional virtual movement by muscle tendon vibration. Roll JP, **Albert F**, Thyriou C, Ribot-Ciscar E, Bergenheim M, Mattei B (2009) Journal of Neurophysiology 101(2): 816-23.
- Sensorimotor memory of object weight distribution during multidigit grasp. **Albert F**, Santello M, Gordon AM (2009) Neuroscience Letters 463(3): 188-93.
- Countering postural posteffects following prolonged exposure to whole-body vibration: a sensorimotor treatment Oullier O, Kavounoudias A, Duclos C, **Albert F**, Roll JP, Roll R (2009) European Journal of Applied Physiology 105(2): 235-45.
- The Ia afferent feedback of a given movement evokes the same movement when returned to the subject via muscle vibration. **Albert F**, Bergenheim M, Ribot-Ciscar E, Roll JP (2006) Experimental Brain Research 19: 1-12.
- Proprioceptive feedback in humans expresses motor invariants during writing. **Albert F**, Ribot-Ciscar E, Focchi M, Bergenheim M, Roll JP (2005) Experimental Brain Research 164(2): 242-9.
- "Proprioceptive signature" of cursive writing in humans: a multi-population coding. Roll JP, **Albert F**, Ribot-Ciscar E, Bergenheim M (2004) Experimental Brain Research 157(3): 359-68.
- Proprioceptive population coding of limb position in humans. Ribot-Ciscar E, Bergenheim M, **Albert F**, Roll JP (2003) Experimental Brain Research 149(4): 512-9.

Teaching Experiences

- . 2009-2012: Masters Neurosciences - Université Aix-Marseille.
- . 2006-2008: Columbia University - New York, USA.
- . 2004-2006: Licences/Masters Neurosciences/Psychologie - Université Aix-Marseille.

Communications in international conferences

- . Benefits of Functional Proprioceptive Stimulation (FPS) in Neurorehabilitation. Albert F. (2017) Neuroconvention, **London**, UK.
- . Focal Vibration in Neurorehabilitation. Albert F. (2015) European Congress of Neuro-Rehabilitation (ECNR), **Vienna**, Austria.
- . Coordination of grasping and walking in Parkinson's disease. Albert F, Diemayr G, Mclsaac TL, Gordon AM (2008) Columbia University, **New York**, USA.
- . Neurosensory and cognitive correlates of cursive writing. Albert F, Ribot-Ciscar E, Bergenheim M, Roll JP (2007) Progress in Motor Control, **São Paulo**, Brazil.
- . Predictive control of grasping during gait in people with Parkinson's disease. Albert F, Diemayr G, Mclsaac TL, Gordon AM (2008) Neuroscience, **San Diego**, USA.
- . Neurosensory and cognitive correlates of cursive writing. Albert F, Ribot-Ciscar E, Bergenheim M, Roll JP (2007) Louisiana State University, **Phoenix**, USA.
- . Proprioceptive signature of cursive writing in humans: a multi-population coding. Albert F, Ribot-Ciscar E, Bergenheim M, Roll JP (2007) Columbia University, **New York**, USA.
- . "Cursive writing: neurosensory and cognitive consequences related to its execution". Albert F & Roll JP (2003) Cognitive Science Meeting, **Paris**, France.