

## Julie Grèzes

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41 years-old, French, 2 children.  
Language: French and English,

### PROFESSIONAL AND ACADEMIC POSITIONS

Dec 2009 *Senior principal investigator* (Directeur de recherche DR2) at INSERM.  
Jan 2009 *Leader* of the research team « social cognition » in the Laboratoire de Neurosciences Cognitives, U960 INSERM (Dir. Dr. Koechlin) & Institut de Sciences Cognitives, Ecole Normale Supérieure, Paris.  
2008-2009 *Research Scientist* (Chargé de Recherche CR1 – INSERM) at Institut de Sciences Cognitives, Ecole Normale Supérieure, Paris.  
2004-2008 *Research Scientist* (Chargé de Recherche CR1- Institut National de la Santé et de la Recherche Médicale (INSERM)) at LPPA- Collège de France (Dir. by Prof. Berthoz), Paris.  
2000 - 2003 *Post doctoral fellow* at the Wellcome Department of Imaging Neuroscience (London), under the supervision of Pr. RE Passingham (Oxford University).  
1996 – 2000 *PhD student* at INSERM U280 (Lyon) supervised by Pr. J. Decety.

### ACADEMIC TRAINING AND DIPLOMA

2009 *Habilitation à Diriger des Recherches*, Doctoral School of Ecole Normale Supérieure.  
1996 - 2000 *Ph.D. in Neuropsychology*, Université Claude Bernard Lyon I.  
1995, 1996 *Advanced M.A. in Neuropsychology*, UCB Lyon I.  
1994, 1995 *Advanced M.S. in Science, Physiology and Neurosciences*, UCB Lyon I.  
1992, 1994 *Bachelor in Cellular and Molecular Biology*, UCB, Lyon I.

### TRAINING COURSES

2012 Management of a scientific team (INSERM, Paris, France).  
2010 Brain Oscillations in MEG-EEG (CNRS-INSERM, Paris, France);  
2009 Diffusion Tensor Imaging Analysis (TrackVis) (IOP, London, UK);

### PRIZE AND AWARDS

2012 Fondation Roger de Spoelberch (225K€)  
2009 Fondation pour la Recherche Psychiatrie & Santé Mentale (40K€).  
2002 Oxford University Prize for Postdoctoral work.  
2001 Société des Neurosciences, Prize for PhD work.  
1999 Société de Circulation et de Métabolisme du Cerveau, Prize for PhD work.  
1997 Société de Neuropsychologie de langue Française, Prize for graduate work.

## RESEARCH FUNDING

2012-2015	Coordinator of ANR Emotion et Cognition (160K€)
2011-2016	Collaborator on an ERC (500K€ with Dr Laurence Conty)
2010-2013	Funding for three years PhD salary by DGA.
2008-2010	Funding for 2 post-docs salaries by Orange and NeRF.
2006-2009	Partner on an EU Program (N° NEST-2005-Path-IMP-043403) (170K€).
2004-2007	Coordinator of ACI Neurosciences intégratives et computationnelles (100K€)
2004-2007	Partner on a Human Frontier Science Program Grant (RGP 0054/2004)
2002-2005	Partner on an EU Program (N° QLG3-CT-2002-00746).
2000-2003	3 years contract with Oxford Univerity (Wellcome Trust).
1999-2000	FRM and Lilly Neuroscience.

## OTHER SCIENTIFIC ACTIVITIES

### **Academic influence**

In 2013, the total count of citations of PI's research articles is larger than 4000 (h-factor = 22) and 3 papers belong to Highly Cited Papers (Grèzes et al. 2003; Calvo-Merino et al. 2005; 2006).

### **National and International Collaborations**

The team has ongoing collaborations with partners in France and abroad: Dr Valentin Wyart (LNC, France); Dr Laurence Conty (Paris 8, France); Pr. Pierre Jacob (Institut Jean Nicod, ENS, Paris, France); Pr. Joelle Proust (Institut Jean Nicod, ENS, Paris, France); Pr. Robert Soussignan (UMR 6265 CNRS - 1324 INRA, Université de Bourgogne, 21000 Dijon, France); Pr. Dan Sperber (CEU, Budapest and Institut Jean Nicod, ENS, Paris); the MRI/EEG/MEG team at CENIR - CRICM (Michel Thiebaut de Schotten, Romain Valabrègue, Eric Bertasi, Laurent Hugueville); Dr Jérémie Mattout (INSERM U1028 - CNRS UMR5292, Lyon, France); Pr. Jorge Armony (Dept. of Psychiatry, McGill University, Montreal, Canada); Dr Coralie Chevallier (Centre for Autism Research, University of Pennsylvania, Philadelphia, USA) and Dr Leonard Schilbach (Max-Planck-Institute for Neurological Research, Germany).

### **Ad-hoc referee for scientific journals**

Acta Psychologica, Brain, Brain Research, Cerebral Cortex, Cognitive, Affective, and Behavioral Neuroscience, Experimental Brain research, European Journal of Neuroscience, Human Brain Mapping, NeuroImage, Neuropsychologia, Journal of Neuroscience, Journal of Cognitive Neuroscience, Neuron, Neuroscience, Nature Neuroscience, PLoS One, PNAS, Psychological Science, Trends in Neuroscience, Science, Social Cognitive and Affective Neuroscience, Social Neuroscience.

## PUBLICATIONS

### **In press**

1. Grèzes J., Dezecache G. (In Press). How do shared-representations and emotional processes cooperate in response to social threat signals? *Neuropsychologia. Special issue in honor of Marc Jeannerod.*
2. Dezecache G., Conty L., Chadwick M., Philip L., Soussignan R., Sperber D., Grèzes J. (In Press). Evidence for unintentional emotional contagion beyond dyads. *PLoS One.*

### **2013-1996**

3. Grèzes J., Philip, L., Chadwick, M., Dezecache, G., Soussignan, R., Conty, L. (2013) Self-relevance appraisal influences facial reactions to emotional body expressions. *PLoS One.* 8(2):e55885.

4. Soussignan, R., Chadwick, M., Philip, L., Conty, L., Dezecache, G., and Grèzes, J. (2013) Self-relevance appraisal of gaze direction and dynamic facial expressions: Effects on facial electromyographic and autonomic reactions. *Emotion*, 13(2):330-7.
5. Dezecache G., Conty L., Chadwick M., Philip L., Soussignan R., Sperber D., Grèzes J. (2013) Evidence for unintentional emotional contagion beyond dyads. *PLoS One*. 2013 Jun 28;8(6):e67371.
6. Grèzes J., Adenis MS., Pouga L., Armony J.L. (2012) Self-relevance modulates brain responses to angry body expressions. *Cortex*. 49(8):2210-20.
7. Conty L., Dezecache G., Hugueville L., Grèzes J. (2012) Early binding of gaze, gesture and emotion: neural time course and correlates. *Journal of Neuroscience*, 32(13):4531-9.
8. Conty L., Grèzes J. (2012) Look at me, I will remember you: The perception of self-relevant social cues enhances memory and right hippocampal activity. *Human Brain Mapping*. 33(10):2428-40.
9. Pichon S., de Gelder B., Grèzes J. (2012) Threat prompts defensive brain responses independently of attentional control. *Cerebral cortex*, 22(2):274-85.
10. Chevallier C., Grèzes J., Molesworth C., Berthoz S., Happe F. (2012) Brief Report: Selective Social Anhedonia in High Functioning Autism. *Journal of Autism and Developmental Disorders*. 42(7):1504-9.
11. Pingault J.B., Pouga L., Grèzes J., Berthoz S. (2012) Determination of emotional endophenotypes: a validation of the Affective Neuroscience Personality Scales and further perspectives. *Psychological Assessment*. 24(2):375-85.
12. Kret M., Denollet J., Grèzes J., de Gelder B. (2011c) The role of negative affectivity and social inhibition in perceiving social threat: an fMRI study. *Neuropsychologia*, 49:1187-1193.
13. Van den Stock J., Tamietto M., Sorger B., Pichon S., Grèzes J., de Gelder B. (2011) Cortico-subcortical visual, somatosensory and motor activations for perceiving dynamic whole-body emotional expressions with and without V1. *PNAS*, 108(39):16188-93.
14. Kret M., Pichon S., Grèzes J., de Gelder B. (2011b) Men fear other men most: Gender specific brain activations in perceiving threat from dynamic faces and bodies. An fMRI study. *Frontiers in Psychology*, Epub ahead of print Jan 2011.
15. Kret M., Pichon S., Grèzes J., de Gelder B. (2011a) Similarities and differences in perceiving threat from dynamic faces and bodies. An fMRI study. *Neuroimage*, 54(2):1755-62.
16. Pouga L., Berthoz S., de Gelder B., Grèzes J. (2010) Individual differences in socioaffective skills influence the neural bases of fear processing: The case of alexithymia. *Human Brain Mapping*, 31(10):1469-81.
17. Grèzes J., Wicker B., Berthoz S., de Gelder B. (2009) A failure to grasp the affective meaning of actions in autism spectrum disorder subjects. *Neuropsychologia*, 47:1816-1825.
18. Pichon S., de Gelder B., Grèzes J. (2009) Two different faces of threat. Comparing the neural systems for recognizing fear and anger in dynamic body expressions. *Neuroimage*, 47:1873-1883.
19. Van den Stock J., Peretz I., Grèzes J., de Gelder B. (2009) Instrumental music influences recognition of emotional body language. *Brain Topography*, 21:216-220.
20. van de Riet W.A.C., Grèzes J., de Gelder B. (2009) Specific and common brain regions involved in the perception of faces and bodies and the representation of their emotional expressions. *Social Neuroscience*, 4(2):101-20.
21. Berthoz S., Wessa M., Kedia G., Wicker B., Grèzes J. (2008) Cross-cultural validation of the Empathy Quotient in a French-speaking sample. *The Canadian Journal of Psychiatry / La Revue canadienne de psychiatrie*, 53(7):469-77.
22. Van den Stock J., Grèzes J., de Gelder B. (2008) Human and animal sounds influence recognition of body language. *Brain Research*, 1242:185-90.
23. Morin O., Grèzes J. (2008). What is "mirror" in the premotor cortex? A review. *Neurophysiologie Clinique / Clinical Neurophysiology*, 38(3):189-95.

24. de Gelder B., van de Riet W.A.C., Grèzes J., Denollet J. (2008) Decreased differential activity in the amygdala in response to fearful expressions in Type D personality. *Neurophysiologie Clinique / Clinical Neurophysiology*, 38(3):163-9.
25. Pichon S., de Gelder B., Grèzes J. (2008) Emotional modulation of visual and motor areas by dynamic body expressions of anger. *Social Neuroscience*, 3(3-4):199-212.
26. van Heijnsbergen C.C.R.J., Meeren H.K.M., Grèzes J., de Gelder B. (2007). Rapid detection of fear in body expressions, an ERP study. *Brain Research*, 1186: 233-241.
27. Grèzes J., Pichon S., de Gelder B. (2007) Perceiving fear in dynamic body expressions. *Neuroimage* 35: 959–967.
28. Grèzes J., Berthoz S., Passingham R.E. (2006) Amygdala activation when one is the target of deceit. Did he lie to you or to someone else? *Neuroimage*. 30: 601-608.
29. Calvo-Merino B., Grèzes J., Glaser D.E., Passingham R.E. and Haggard P. (2006). Seeing or doing? The influence of visual and motor familiarity in action observation. *Current Biology* 16:1905-10.
30. Decety J. & Grèzes J. (2006). The power of simulation: Imagining one's own and other's behaviour. *Special Issue "Social Cognitive Neuroscience" of Cognitive Brain Research* 1079: 4-14
31. Berthoz S., Grèzes J., Armony J.L., Passingham R.E., Dolan R.J. (2006) Affective response to one's own moral violations. *Neuroimage* 31(2):945-50.
32. Calvo-Merino B., Glaser D.E., Grèzes J., Passingham R.E. and Haggard P. (2005). Action observation and acquired motor skills: an fMRI study with expert dancers. *Cerebral Cortex*. 15:1243-9.
33. Grèzes J., Frith C., Passingham R.E. (2004) Brain mechanisms for inferring deceit in the actions of others. *J. Neuroscience*, 24: 5500-5505.
34. Grèzes J., Frith C., Passingham R.E. (2004). Inferring false beliefs from the actions of oneself and others: An fMRI study. *Neuroimage*. 21(2):744-50.
35. Grèzes J., Armony J.L., Rowe J., Passingham R.E. (2003). Activations related to "Mirror" and "Canonical" neurones in the human brain: a fMRI study. *Neuroimage* 18: 928-937
36. Grèzes J., Tucker M., Armony J.L., Ellis R., Passingham R.E. (2003). Object automatically potentiate actions: an fMRI study. *Eur. J. Neurosci.* 17: 2735-2740.
37. Grèzes J., Decety J. (2002). Does visual perception of object afford action ? Evidence from a neuroimaging study. *Neuropsychologia*, 40: 212-222.
38. Decety J., Chaminade T., Grèzes J., Meltzoff A. (2002) A PET Exploration of the Neural Mechanisms Involved in Mutual Imitation. *Neuroimage*, 15(1): 265-272.
39. Grèzes J., Decety J. (2001). Functional anatomy of execution, mental simulation, observation and verb generation of actions: A meta-analysis. *Human Brain Mapping*, 12: 1-19.
40. Grèzes J., Fonlupt P., Bertenthal B., Delon-Martin C., Segebarth C., Decety J. (2001). Does perception of biological motion rely on specific brain regions? *Neuroimage*, 13(5):775-85.
41. Grèzes J., Costes N., Decety J. (1999). The effects of learning and intention on the neural network involved in the perception of meaningless actions. *Brain*, 122: 1875-1887.
42. Decety J., Grèzes J. (1999). Neural mechanisms subserving the perception of human actions. *Trends In Cognitive Science*, 3: 172-178.
43. Grèzes J., Costes N., Decety J. (1998). Top down effect of the strategy on the perception of human biological motion: a PET investigation. *Cognitive Neuropsychology* , 15: 553-582.
44. Decety J., Grèzes J. (1998). A neurobiological approach to imitation. *Behavioral and Brain Sciences*, 21: 688-689.
45. Decety J., Grèzes J., Costes N., Perani D., Procyk E., Grassi F., Jeannerod M., Fazio F. (1997). Brain activity during observation of actions. Influence of action content and subject's strategy. *Brain*, 120: 1763-1777.