

## CURRICULUM VITAE - JOEL FAGOT :

**Date of Birth :** 05/24/1960

**Nationality:** French

**Current address:**

Laboratory of Cognitive Psychology,  
CNRS & AMU, UMR7290  
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3, place Victor Hugo, 13331 Marseille Cedex 3  
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**Main research interest**

- Primate cognition, primatology
- Comparative (human/non-human primate) cognition
- Perception, attention, short and long-term memory, categorization and abstract reasoning in nonhuman primates
- Social cognition and the interplay between social and non-social cognition in non-human primates
- Cultural evolution
- Language evolution (vocal production and cognitive building blocks)
- Development of novel methodologies for animal research
- Animal welfare

**Scientific track record**

- H index: 36 (scholar)
- 136 publications, 112 in peer review journal, 24 chapters
- 3 edited books
- 10 articles in scientific newspapers for the general public
- More than 100 co-authors

**Rewards**

International Fyssen Prize 2017

**Career details**

2010-present: First class CNRS research director,  
1999- 2009: Second class CNRS research director  
1993-1998: CNRS research scientist (first class)  
1989-1993: CNRS research scientist (second class)  
1988-1989 -Post-doctoral fellow, Yerkes Primate Center (USA)

## Education

1998. Habilitation, Aix-Marseille I University  
 1988 Phd (Cognitive Neuroscience), Aix--Marseille University  
 1986 Master 2 (Neurosciences), Aix-Marseille University (Major de promotion.  
 1985 Master 1 (Experimental Psychology), Université Aix-Marseille I  
 1984 BA (Psychologie), F. Rabelais University, Tours

## Affiliations/Laboratories

- Since 2009. Laboratory of Cognitive Psychology, Marseille.
- 2004-2008 Mediterranean Institut of Cognitive Neuroscience, Marseille
- 2001-2003 Institut of Cognitive Neurosciences and Physiology, Marseille.
- 1998-2001 Primate Research Institute, section Language and Intelligence, Department of Behavioral and Brain Sciences, Kyoto University, Aichi, Japon
- 1996-2000 Research center in cognitive Neuroscience, Marseille.
- 1990-1995 Laboratory of Cognitive Neursocience, Marseille.
- 1988-89 Yerkes Regional Primate Research Center, NIH, Atlanta, U.S.A.
- 1984-1987 Eco-Ethology research team, Laboratory of functional Neurosciences, Marseille.

## Current main administration and external committees

- Team leader of the “Comparative cognition group” in the Laboratory of Cognitive Psychology
- Member of the scientific committee of the Language and Brain Research Institute
- Member of the scientific committee of the Brain and language Research Institute
- Director of the Cognition and Behaviour Research Platefrom
- Member of the Ethical committee for animal research (CEEA14)

## Editorial activities

Chief editor, founding editor, Revue Primatologie 1998-2005.

Associate Editor, Revue de Primatologie (depuis 2009)

## Edited books

1. Fagot, J., Rogers, L., Ward, J., Bulman-Fleming, B. & Hopkins, W.D. (Eds., 1997). Hemispheric specialization in animals and humans. Hove : Psychology Press Ltd.

2. Fagot, J. (Ed., 1999). Picture perception in animals. *Current Psychology of Cognition*.
3. Fagot, J. (Ed., 2000). Picture perception in animals. Hove : Psychology Press Ltd. (ré-édition du numéro spécial des CPC), 447 pages.
4. Boë, L.J., Fagot, J., Perrier, P. & Schwartz, J.L. (Eds., 2017, in press). Origins of human language: continuities and splits with nonhuman primates. Oxford : Peter Lang

### **Publications (in peer-reviewed journals)**

5. Vauclair, J. & Fagot, J. (1987). Spontaneous hand usage in a troop of baboons. *Cortex*, 23, 265-274.
6. Vauclair, J. & Fagot, J. (1987). Visually guided reaching in adult baboons. Commentaire à MacNeilage, P.F., Studdert-Kennedy, M.G. & Lindblom, B. *Primate Handedness Reconsidered. The Behavioral and Brain Sciences*, 10 (2), 286.
7. Fagot, J. & Vauclair, J. (1988). Hand preference and bimanual coordination in the lowland gorilla. *Brain Behavior and Evolution*, 32, 89-95.
8. Fagot, J. & Vauclair, J. (1988). Handedness and manual specialization in the baboons. *Neuropsychologia*, 6, 795-804.
9. Fagot, J. & Vauclair, J. (1991). Manual laterality in nonhuman primates : A distinction between handedness and manual specialization. *Psychological Bulletin*, 109, 76-89.
10. Fagot, J., Dréa, C. & Wallen, K. (1991). Asymmetrical hand usage in rhesus monkeys in tactually and visually regulated tasks. *Journal of Comparative Psychology*, 105, 260-268. [PDF](#)
11. Fabre-Thorpe, M., Fagot, J., Vauclair (1991). Latéralisation chez le chat dans une tâche de pointage du membre antérieur en direction d'une cible mobile. *Comptes Rendus de l'Académie des Sciences de Paris, Sciences de la Vie*, 313, 427-433.
12. Fagot, J. (1992). Cognition et latéralité chez l'animal. *Psychologie Française*, 37, 73-79
13. Fagot, J., Arnaud, B., Chiambretto, M. & Fayolle, R. (1992). Lateralization in haptic processing : An apparatus for analyzing manual strategies. *Behaviour Research Methods, Instruments and Computers*, 24, 54-59.

14. Vauclair, J. & Fagot, J. (1993). Manual and hemispheric specialization in the manipulation of a joystick by baboons (*Papio papio*). *Behavioral Neuroscience*, 107, 210-214.
15. Fagot, J., Lacreuse, A. & Vauclair, J. (1993). Haptic discrimination of nonsense shapes : Hand exploratory strategies but not accuracy reveal laterality effects. *Brain and Cognition*, 21, 212-225.
16. Fabre-Thorpe, M., Fagot, J., Levesque, F. & Vauclair, J. (1993). Laterality in cats : Paw preference and performance in a visuomotor activity. *Cortex*, 29, 15-24.
17. Hopkins, W.D. Fagot, J. & Vauclair (1993). Mirror image matching and mental rotation problem solving in baboons (*Papio papio*) : Unilateral input enhances performance. *Journal of Experimental Psychology : General*, 122, 61-72.
18. Vauclair, J. Fagot, J. & Hopkins, W.D. (1993). Rotation of mental images in baboons when the visual input is directed to the left cerebral hemisphere. *Psychological Science*, 4, 99-103.
19. Fagot, J., Hopkins, W.D. & Vauclair, J. (1993). Hand movements and hemispheric specialization in dichhaptic explorations. *Perception*, 22, 847-853.
20. Vauclair J. & Fagot, J. (1993). Can a saussurian ape be endowed with episodic memory only. *Commentaire à M. Donald. Precis of origins of modern mind : three stages in the evolution of culture and cognition. The Behavioral and Brain Sciences*, 16, 772-773.
21. Wilde, J., Vauclair, J. & Fagot, J. (1994). Eye movements in baboons performing a matching-to-sample task presented in a divided-field format. *Behavioural Brain Research*, 63, 61-70.
22. Fagot, J. & Vauclair, J. (1994). Video-task assessment of stimulus novelty effects on hemispheric lateralization in baboons (*Papio papio*). *Journal of Comparative Psychology*, 108, 156-163.
23. Fagot, J., Lacreuse, A., & Vauclair, J. (1994). Hand movement profiles in a tactual-tactual matching task : Effects of spatial factors and laterality. *Perception and Psychophysics*, 56, 347-355.
24. Vauclair, J. & Fagot, J. (1995). Une méthode non verbale pour étudier les asymétries hémisphériques visuo-spatiales chez le singe et l'homme. *Revue de Neuropsychologie*, 5, 1-31.
25. Fagot, J. & Bard, K.A. (1995). Asymmetric grasping response in neonate chimpanzees (*Pan troglodytes*). *Infant Behavior and Development*, 18, 253-255.

26. Anderson, J., Digiorgio, C., Lamarque, C., Fagot, J. (1996) multi-task assessment of hand lateralization in capuchin monkeys (*Cebus apella*). *Primates*, 37, 99-105.
27. Lacreuse, A., Vauclair, J. & Fagot, J. (1996). Latéralisation hémisphérique et stratégies d'exploration manuelle chez l'homme. *L'année Psychologique*, 96, 131-145.
28. Lacreuse, A., Fagot, J. & Vauclair, J. (1996). Hand differences in haptic exploratory strategies : Facts and implications for the development of haptic devices. *ASME*, 58, 567-573.
29. Vauclair, J. & Fagot, J. (1996). Categorization of alphanumeric characters by baboons (*Papio papio*) : Within and between class stimulus discrimination. *Current Psychology of Cognition*, 15, 449-462.
30. Fagot, J. & Deruelle, C. (1997). Processing of global and local visual information and hemispheric specialization in humans (*Homo sapiens*) and baboons (*Papio papio*). *Journal of Experimental Psychology : Human Perception and Performance*, 23, 429-442.
31. Dépy, D., Fagot, J. & Vauclair, J. (1997). Categorization of three-dimensional stimuli by humans and baboons (*Papio papio*) : Search for prototype effects. *Behavioral Processes*, 37, 299-306..
32. Deruelle, C. & Fagot, J. (1997). Hemispheric lateralization and global precedence effects in the processing of visual stimuli by humans and baboons (*Papio papio*). *Laterality*, 2, 233-246.
33. Fagot, J., Kruschke, J.K., Dépy, D., & Vauclair, J. (1998). Associative learning in humans (*Homo sapiens*) and baboons (*Papio papio*) : Species differences in learned attention to features. *Animal Cognition*, 1, 123-133.
34. Dépy, D., Fagot, J. & Vauclair, J. (1998). Comparative assessment of distance processing and hemispheric specialization in humans (*Homo sapiens*) and baboons (*Papio papio*). *Brain and Cognition*, 38, 165-182.
35. Deruelle, C. & Fagot, J. (1998). Visual search for global/local stimulus features in humans and baboons. *Psychonomic Bulletin and Review*, 5, 476-481.
36. Fagot, J. & Tomonaga, M. (1999). Global and local processing in humans (*Homo sapiens*) and chimpanzees (*Pan troglodytes*) : Use of a visual search task with compound stimuli. *Journal of Comparative Psychology*, 113, 3-12.
37. Dépy, D., Fagot, J. & Vauclair, J. (1999). Processing of above-below categorical spatial relations by baboons (*Papio papio*). *Behavioral Processes*, 48, 1-9

38. Fagot, J., Martin-Malivel, J. & Dépy, D. (1999). What are the evidence for equivalence between objects and pictures in birds and nonhuman primates ? *Current Psychology of Cognition*, 5-6, 923-950.
39. Fagot, J, Deruelle, C & Tomonaga, M (1999). Perception des dimensions globales et locales de stimuli visuels chez le primate. *Primatologie*, 2, 61-77.
40. Deruelle, C., Barbet, I, Dépy, D. & Fagot, J. (2000). Perception of partly occluded figures by baboons. *Perception*, 29, 1483-1497.
41. Wasserman, E. A., Fagot, J. & Young, M. (2001). Same-different conceptualization by baboons (*Papio papio*) : The role of entropy. *Journal of Comparative Psychology*, 115, 42-52.
42. Martin-Malivel, J. & Fagot, J. (2001). Perception of pictorial humans faces by baboons (*Papio papio*) : effects of stimulus orientation on discrimination performance. *Animal Learning and Behaviour*, 29, 10-20.
43. Fagot, J. & Tomonaga, M. (2001). Effects of element separation on perceptual grouping by humans (*Homo sapiens*) and chimpanzees (*Pan troglodytes*) : Perception of kanizsa illusory figures. *Animal Cognition*, 4, 171-177.
44. Wasserman, E., Young, M.E. & Fagot, J. (2001). Effects of number items on the baboon's discrimination of same from different visual display. *Animal Cognition*, 163-173.
45. Malivel, M. & Fagot, J. (2001). Cross-modal interference and conceptual categorization in baboons. *Behavioural Brain Research*, 122, 209-213.
46. Fagot, J., Wasserman, E. & Young, M. (2001). Discriminating the relation between relations : The role of entropy in abstract conceptualization by baboons and humans. *Journal of Experimental Psychology : Animal Behavior Processes*, 27, 4, 316-328.
47. Barbet, I. & Fagot, J. (2002). Perception of the corridor illusion by baboons. *Behavioural Brain Research*, 132, 111-115.
48. Fagot, J. & Deruelle, C. (2002). Perception of pictorial eye-gaze by baboons (*Papio papio*). *Journal of Experimental Psychology : Animal Behavior Processes*, 28, 298-309.
49. Tomonaga, M & Deruelle, C. & Fagot, J. (2002). Attention visuelle et perception de regards chez le chimpanzé (*Pan troglodytes*) et le babouin (*Papio-Papio*). *Primatologie*, 5, 47-72.

50. Deruelle, C. & Fagot, J. (2005) Categorizing Facial Identities, Emotions and Genders : Attention to High- and Low- Spatial Frequencies by Children and adults. *Journal of experimental child psychology*, 172-184.
51. Deruelle, C., Rondan, C., Gepner, B., B. and Fagot, J. (2006). Processing of compound visual stimuli by children with autism and asperger syndrome. *International Journal of Psychology*, 41, 97-106.
52. Fagot, J., Barbet, I., Parron, C. & Deruelle, C. (2006). Amodal completion by baboons (*Papio papio*) : Contribution of background depth cues. *Primates*, 47, 145-160.
53. Fagot, J., Goldstein, J, Davidoff, J. & Pickering, A. (2006). Cross species differences in colour categorisation. *Psychonomic Bulletin and Review*, 13, 275-280.
54. Martin-Malivel, J. Mangini, M., Fagot, J. & Biederman, I (2006). Do humans and baboons use the same information when categorizing human and baboon faces ? *Psychological Science*, 17, 599-607.
55. Fagot, J. & Cook, R. (2006). Evidence for large long-term memory capacities in baboons and pigeons and its implications for learning and the evolution of cognition. *Proceedings of the National Academy of Sciences of the USA (PNAS)*, 103, 17564-17567.
56. Barbet, I. & Fagot, J. (2007). Control of the corridor illusion in baboons (*Papio papio*) by gradient and linear perspective depth cues. *Perception*, 36, 391-402.
57. De Fockert, J., Davidoff, J., Fagot, J., Parron, C. & Goldstein, J. (2007). More accurate size contrast judgments in the Ebbinghaus illusion by a remote culture. *Journal of Experiment Psychology : Human Perception and Performance*, 33, 738-742.
58. Parron, C. & Fagot, J. (2007). Comparison of Grouping Abilities in Humans (*Homo sapiens*) and Baboons (*Papio papio*) with the Ebbinghaus Illusion. *Journal of Comparative Psychology*, 4, 405-411.
59. Parron, C. & Fagot, J. (2007). Processing of biological motion point-light displays by baboons (*Papio papio*). *Journal of Experimental Psychology : Animal Behaviour Processes*, 4, 381-391
60. Parron, C., Call, J. & Fagot, J. (2008). Processing of two-dimensional pictures by pictorially-naive baboons (*Papio-papio*), gorillas (*Gorilla gorilla*) and chimpanzees (*Pan troglodytes*). *Behavioural processes*, 78, 351-357.
61. Parron, C. & Fagot, J. (2008). Baboons (*Papio papio*) spontaneously process first- but not second-order configural relationships in faces. *American Journal of Primatology*, 70, 415-422.

62. Davidoff, J., Fonteneau, E. & Fagot, J. (2008). Local and global processing : observations from a remote culture. *Cognition*, 108(3), 702-709.
63. Fagot, J., Bonté, E. & Parron, C. (2009). Concept of uprightiness in baboons : Assessment with pictures of realistic scenes. *Animal Cognition* ;12,369-79. Epub 2008 Oct 1
64. Fagot J, Paleressompoulle D (2009). Automatic testing of cognitive performance in baboons Mayntained in social groups. *Behav Res Methods*, 41,396-404.
65. Cook, R. & Fagot, J.(2009). First trial rewards promote 1-trial learning and prolonged memory in pigeon and baboon. *PNAS*, 103, 17564-17567.
66. Truppa, V., Spinozzi, G. & Fagot, J. (2009). Picture processing in Tufted Capuchin Monkeys (*Cebus apella*). *Behavioural Processes*, 82, 140-152.
67. Fagot, J. & Parron, J.(2010). Relational Matching in Baboons (*Papio papio*) with Reduced Grouping Requirements. *Journal of Experimental Psychology : Animal Behaviour Processes*, 36, 184-193
68. Fagot, J. & Bonté, E. (2010). Automated testing of cognitive performance in monkeys : Use of a battery of computerized test systems by a troop of semi-free ranging baboons. *Behavioral Research Methods*, 42, 507-516.
69. Davidoff, J., & Fagot, J. (2010). Cross-species Assessment of the Linguistic Origins of Color Categories. *Comparative Cognition & Behavior Reviews*, 5, 100-116.
70. Fagot, J. Thompson, R.K.R. & Parron, C. (2010). How to read a picture : Lessons from nonhuman primates. *PNAS*, 107, 519-520.
71. Fagot, J., & Parron, C. (2010). Picture perception in birds : Perspective from primatologists. *Comparative Cognition & Behavior Reviews*, 5 , 132-135.
72. Parron, C. & Fagot, J. (2010). First- and second-order configural sensitivity for greeble stimuli in baboons. *Learning and Behaviour*, 38, 374-81
73. Fagot, J. (2010). Une nouvelle procédure d'expérimentation comportementale favorisant l'interfaçage entre les études « Naturalistes » et « Généralistes » de la cognition du primate. *Revue de Primatologie [En ligne]*, 2, mis en ligne le 21 February 2011, URL : <http://primatologie.revues.org/468> ; DOI : 10.4000/primatologie.468
74. Bonté, E., Flemming, T. & Fagot, J. (2011). Executive control of perceptual features and abstract relations by baboons (*Papio papio*). *Behavioural Brain Research*, 222, 176-182



75. Barbet, I. & Fagot, J. (2011). Processing of contour closure by baboons. *Journal of Experimental Psychology : Animal Behavior Processes*, Vol. 37, 407–419.
76. Fagot, J. & Thompson, R.K.R (2011). Generalized Relational Matching by Guinea Baboons (*Papio papio*) in two by two-item analogy problems. *Psychological Science*, 22, 1304–1309.
77. Fagot, J., Bonté, E. & Hopkins, WD. (2011). Age dependant behavioral strategies in a visual search task in baboons (*Papio papio*) and their relation to inhibitory control. *Journal of Comparative Psychology*. Ahead of print, 5 dec.
78. Fagot, J. & De Lillo, C. (2011). A comparative study of working memory : immediate serial spatial recall in baboons (*Papio papio*) and humans. *Neuropsychologia*, 49, 3870-3880.
79. Grainger, J., Dufau, S, Montant, M, Ziegler, J.C & Fagot, J. (2012). Orthographic processing in baboons. *Science*, 336, 245-248. PDF
80. Grainger, J., Dufau, S, Montant, M, Ziegler, J.C & Fagot, J. (2012). Response to Comment on “Orthographic Processing in Baboons (*Papio papio*). *Science* ; 336, 245-248. PDF
81. Davidoff, J. Goldstein, J., Tharp, I, Wakui, E. & Fagot, J. (2012). Perceptual and categorical judgements of color similarity. *Journal of Cognitive Psychology*, 24,871-892. PDF
82. Montant, M., Grainger, J., Dufau, S., Ziegler, J. C., & Fagot, J. (2012). L’orthographe à la portée des babouins [Orthographic processing in baboons]. *Med Sci (Paris)*, 28(10), 821-823.
83. Rey, A., Perruchet, P. & Fagot, J. (2012). Centre-Embedded structures are a by-product of associative learning and working memory constraints : Evidence from baboons (*Papio papio*). *Cognition*, 123, 180-184. PDF
84. Fagot, J., Gullstrand, J., Kemp, C., Defilles, C. & Mekaouche, M. (2013). Effects of freely accessible computerized test systems on the spontaneous behaviors and stress level of Guinea baboons (*Papio papio*). *American Journal of Primatology*. PDF
85. Goujon, A. & Fagot, J. (2013). Learning of Spatial Statistics in Nonhuman Primates : Contextual Cueing in Baboons (*Papio papio*). *Behavioural Brain Research*, 247, 101-109. PDF
86. Flemming, T., Thompson, R.K., & Fagot, J. (2013). Baboons, like humans, solve an analogical matching task by categorical abstraction of relations. *Animal Cognition*, 16, 519-524. PDF

87. Fagot, J., Bonté, E., Hopkins, WD (2013). Age-dependant behavioral strategies in a visual search task in baboons (*Papio papio*) and their relation to inhibitory control, *Journal of Comparative Psychology*, 127, 194-201. PDF
88. Ziegler, JC, Hannagan, T., Dufau, S., Montant, M., Fagot, J. & Grainger, J. (2013). Transposed Letter Effects Reveal Orthographic Processing in Baboons. *Psychological Science*, 24, 1609-1611. PDF
89. Ziegler, JC, Dufau, S, Montant, M. Hannagan, T., Fagot, J. & Grainger, J. (2013, in press). What Can We Learn From Humans About Orthographic Processing in Monkeys ? A Reply to Frost and Keuleers (2013). *Psychological Science*, 24, 1870-1871.
90. Maugard, A., Marzouki, Y. & Fagot, J. (2013). Contribution of Working Memory Processes to Relational Matching-to-Sample Performance in Baboons (*Papio papio*). *Journal of Comparative Psychology*, 127, 4, 370. PDF
91. Fagot, J. & Maugard, A. (2013). Analogical reasoning in baboons (*Papio Papio*) : Flexible encoding of the source relation depending on the target relation. *Learning & Behavior*, 41, 229-37. Psychonomic Society 2013 Best Article Award. PDF
92. Fagot, J., Marzouki, Y., Huguet, P., Gullstrand, J., Claidière, N. Assessment of Social Cognition in Non-human Primates Using a Network of Computerized Automated Learning Device (ALDM) Test Systems. *J. Vis. Exp.* (99), e52798, doi:10.3791/52798 (2015)
93. Claidière, N., Kirby, S., Smith, K. & Fagot, J. (2014). Cultural evolution of systematically structured behavior in a non-human primate. *Proceeding of the Royal Academy of Science : B*. December 2014 vol. 281 no. 1797 20141541.
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95. Fagot, J, Marzouki, Y., Huguet, P., Gullstrand, J. & Claidiere, N. (in press). Using a network of computerized ALDM test systems for the assessment of social cognition in nonhuman primates. *Journal of Visualized Experiments*.
96. Castro, L., Wasserman, E, Fagot, J. Maugard, A. (2014). Object-specific and relational learning in pigeons. *Animal Cognition*. 10.1007/s10071-014-0790-8
97. Marzouki, YB., Gullstrand, J., Goujon, A. & Fagot, J. (2014). Baboons' response speed is biased by their moods. *PLOS one*. July 25, 2014, DOI : 10.1371/journal.pone.0102562. PDF

98. Bonté, E., Kemp, C. & Fagot, J. (2014). Age Effects on Transfer Index Performance and Executive Control in Baboons (*Papio papio*). *Frontiers in Comparative Cognition*. published : 04 March 2014, doi : 10.3389/fpsyg.2014.00188 PDF
99. Maugard, A., Wasserman, E., A., Castro, L. & Fagot, J. (2014). Effects of training condition on the contribution of specific items to relational processing in baboons (*Papio papio*). *Animal Cognition*, 17, 911–924. PDF
100. Hannagan T, Ziegler JC, Dufau S, Fagot J, Grainger J (2014) Deep Learning of Orthographic Representations in Baboons. *PLoS ONE* 9(1) : e84843. doi:10.1371/journal.pone.0084843. PDF
101. Minier, L., Blaye, A., Maugard, A., Fagot, J., Glady, Y., Thibaut, J.P., & (2014). Rôle du contrôle exécutif dans le raisonnement par analogie chez l'enfant et le primate non huMayn. *Psychologie Française*, 59(1), 71–87.
102. Claidière, N., Gullstrand, J., Latouche, A. & Fagot, J. (2015). Using automated learning devices for monkeys (ALDM) to study social networks. *Behav Res Methods*. 2015 Dec 16. [PDF](#)
103. Medam, T. & Fagot, J. (2015). Behavioral Assessment of Combinatorial Semantics in Baboons (*Papio papio*). [Behav Processes](#). 2016 Feb ;123:54-62. doi : 10.1016/j.beproc.2015.10.016. Epub 2015 Oct 26. [PDF](#)
104. Malassis, R., Gheusi, G., & Fagot, J. (2015). Assessment of metacognitive monitoring and control in baboons (*Papio papio*). [Anim Cogn](#). 2015 Nov ;18(6):1347-62. doi : 10.1007/s10071-015-0907-8. Epub 2015 Aug 2. [PDF](#)
105. Pope, S, Meguerditchian, A., Hopkins, W.D. & Fagot, J.(2015). Baboons (*Papio papio*), but not humans, break cognitive set in a visuomotor task. *Animal Cognition*. DOI : 10.1007/s10071-015-0904-y [PDF](#)
106. Castro, L., Wasserman, E, Fagot, J. Maugard, A. (2015). Object-specific and relational learning in pigeons. *Animal Cognition*, 18,1, 205-18. doi : 10.1007/s10071-014-0790-8. [PDF](#)
107. Minier, L., Fagot, J., & Rey, A. (2015). The temporal dynamics of regularity extraction in non-human primates. *Cognitive Science*. Aug 25. doi : 10.1111/cogs.12279. [PDF](#)
108. Fagot, J., Marzouki, Y., Huguet, P., Gullstrand, J., Claidière, N. Assessment of Social Cognition in Non-human Primates Using a Network of Computerized Automated Learning Device (ALDM) Test Systems (2015). *Journal of Visualized Experiments*. (99), e52798, doi:10.3791/52798 [PDF](#)

109. Medam, T., Montant, M., Marzouki, Y. & Fagot, J. (2016). Categorization does not promote symmetry in Guinea baboons (*Papio papio*). *Animal Cognition*, 19(5):987-98. doi : 10.1007/s10071-016-1003-4. Epub 2016 Jun 8,
110. Lacreuse, A., Gullstrand, J. & Fagot, J. (2016). Sex differences in inhibitory control in socially-housed baboons (*Papio papio*). *Behavioural Brain Research*, Oct 1 ;312:231-7. doi : 10.1016/j.bbr.2016.06.032.
111. Fagot, J. & Tomonaga, M. (2016). Etude comparative des phénomènes de groupement perceptif chez le babouin, le chimpanzé et l'humain, *Revue de primatologie*. <http://primatologie.revues.org/2643> ; DOI : 10.4000/primatologie.2643
112. Fagot, Joël (2017). Orthographic processing in animals : implications for comparative psychologists. *Learning and Behavior*, 45(3), 209-210  
doi:10.3758/s13420-017-0267-0
113. Louis-Jean Boë, Frédéric Berthommier, Thierry Legou, Guillaume Captier, Caralyn Kemp, Thomas R. Sawallis, Yannick Becker, Arnaud Rey, Joël Fagot (2017). Evidence of a Vocalic Proto-System in the Baboon (*Papio papio*) Suggests Pre-Hominin Speech Precursors . *PLOS One*.DOI : <http://dx.plos.org/10.1371/journal.pone.0169321>
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54. Wasserman, E. Fagot, J. & Young, M. Same-different conceptualization by baboons : The role of entropy . International Conference on Comparative Cognition. Melbourne, USA, 14 March 2000.

55. Martin-Malivel, J., Mangini, M., Fagot, J., & Biederman, I. (2001, November). Picture processing in categorization tasks by baboon and human observers. Poster presented at OPAM-psychonomic 2001, Orlando : USA.
56. Fagot, J. & Deruelle, C. Perception of compound stimuli by baboons, chimpanzees and humans . Department of Psychology, Université de Stirling, Ecosse, 5 Décembre 2001.
57. Fagot, J. Perception of pictorial depth cues by baboons (invité). Conférence de L'Eastern Psychology Association, Boston, 6-9 March 2002.
58. Fagot & Deruelle, C, Perception of pictorial eye gaze by baboons, International Conference on Comparative Cognition. Melbourne, USA, 13-16 March 2002
59. Barbet & Fagot, Corridor illusion in baboons. International Conference on Comparative Cognition. Melbourne, USA, 13-16 March 2002
60. Martin-Malivel, J., Mangini, M., Fagot, J. & Biederman, I. (2002, March). Using Reverse Correlation to Infer the Representation of Human and Baboon Faces by Human and Baboon Observers. Vision Sciences Society (VSS'02), Sarasota : USA.
61. Martin-Malivel, J. Mangini, M., Biederman, I & Fagot, J. Human-baboon discrimination and representation by humans and baboons. International Conference on Comparative Cognition. Melbourne, USA, 13-16 March 2002.
62. Martin-Malivel, J. & Fagot, J. (2003, April). Picture/object equivalence in baboons and the implications in comparative studies of concept formation. Oral paper presented at the Southern Society for Philosophy and Psychology (SSPP), Atlanta : USA.
63. Fagot, J. & Davidoff, J. Perceptual categorization of colours in the green-blue range : differences between humans and baboons. Origin of Man, Language and Languages. Max-Planck institute, Leipzig, 5-7 April 2004.
64. Martin-Malivel, J., Mangini, M., Fagot, J. and Biederman, I. (Invited speaker — 2004, November). Do humans and baboons use the same information when categorizing human and baboon faces ? Oral paper presented at Second International Young Psychologists Workshop on Evolution and Development of Cognition. Kyoto : Japan.
65. Fagot, J. & Barbet, I. (2004). Perception of pictorial depth cues by baboons. (invited speaker). Monkey and human evidence that colour categories are not innate. 28th International Conference of Psychology, Beijing, 8-13 Août.



66. Davidoff, J., Goldstein, J., Roberson, D. & Fagot, J. (2004). Monkey and human evidence that colour categories are not innate. 28th International Conference of Psychology, Beijing, 8-13 Août.
67. Fagot, J. (2005). Perceptual and cognitive binding in baboons. ESF-Exploratory Workshop : The contribution of animal research to the study of human cognition. Marseille, 7-9 Décembre 2005.
68. Barbet, I. & Fagot, J. (2006). How baboons perceive depth represented on pictures ? 4th International Workshop for Young Psychologists on Evolution and Development of Cognition. Kyoto, 2-3 September.
69. Davidoff, J., Fagot, J. Golstein, J. & Pickering, A. (2006). Cross-species differences in colour categorization. Animal Vision, Bristol, 23 September.
70. Fagot, Wasserman & Davidoff (2006). Cross-species differences in perceptual processing. Meeting of the Experimental Psychology Society, July 10-12, Plymouth
71. Parron, C. & Fagot, J. (2006). Processing of 2-dimensional representations of real objects by baboons. Congrès Comparison and interaction between semiotic resources in evolution and development. Lund, Suède, 29-30 September.
72. Zatlév et al. (2006). Stages in the evolution and development of sign Use. Evolution of language. Sixth international conference, Rome, 12-15 April.
73. Fagot, J. & Cook (2006). Etude comparative de la mémoire associative à long terme chez le pigeon et le babouin. 19ème congrès de la Société Francophone de Primatologie. Strasbourg, 18-20 October.
74. Fagot, J. (2006). Cognition visuelle chez le primate, CRCA, Toulouse.
75. Fagot, J. (2007). Percevoir et mémoriser des milliers d'images. Muséum D'Histoire Naturelle Paris, June (séminaire).
76. Barrère, C. & Fagot, J. (2007). Traitement des dimensions globales et locales d'images filtrées en basses et hautes fréquences spatiales chez le babouin (*Papio papio*). Congrès SFDP, Paris, October 2007 (Conférence présentée par CB).
77. Parron, C. & Fagot, J. (2007). Traitement des relations configurales de premier ordre et de second ordre lors d'une tâche de discrimination de visages chez les babouins (*Papio papio*). Congrès SFDP, Paris, October 2007 (Conférence présentée par CP).

78. Fagot, J. (2007). Iconicity and pictures. Congrès « Phylogeny of sign use » dans le cadre du congrès « Stages in the Development of Sign use », Londres, Décembre 2007 (Conférence).
79. Fagot, J. (2008). Single-Trial Learning of Picture-Response associations in Pigeons and Baboons. Convention APA, Boston, Août 2008 (Conférence invitée).
80. Fagot, J. (2008). Long-term associative memory in baboons. The PRI/WRTC lecture series on "Human Nature", Kyoto, May 2008 (Conférence invitée).
81. Fagot, J. (2008). Long-term associative memory in baboons. March 2008. Département de Psychology, Université de Leicester (séminaire).
82. Fagot, J. (2008). Single-trial learning in baboons and pigeons. Congrès annuel de la Comparative Cognition Society, March 2008, Melbourne, USA.
83. Fagot, J. (2009). Mémoriser des milliers d'images et y répondre : le pigeon, le singe et l'homme  
Séminaire général du Département de physique, Ecole Normale Supérieure, Paris (February)
- Fagot, J.(2009). Relational Matching in baboons. Comparative Cognition Society, Melbourne, USA, March 2009.
84. Fagot, J. (2009). Relational matching in baboons, and its relations to perceptual grouping. Conférence ANALOGY09, Sofia, Bulgarie, Août 2009.
85. Fagot, J. (2009). Catégorisation et langage : Contribution des études de psychologie animale. Journée IFR131 sur le thème "Peut-on se passer de l'expérimentation animale dans les sciences de la cognition ?", Marseille, 10 September
86. Fagot, J. (2009). Le principe de l'expérimentation par auto test et son implémentation sur le site de la station de primatologie de Rousset-sur-Arc. 22ème Congrès de la Société Francophone de Primatologie, Liège, Octobre 2009
87. Parron, C. & Fagot, J. (2009). Traitement des relations configurales de premier et de second ordre chez les babouins. 22ème Congrès de la Société Francophone de Primatologie, Liège, Octobre 2009
88. Bonté, E. & Fagot, J. (2009). Etude des temps de réaction d'un groupe social de babouins (*Papio papio*) dans la tâche Hick. 22ème Congrès de la Société Francophone de Primatologie, Liège, Octobre 2009
89. de Lillo, C. & Fagot, J. (2009). An assessment of spatial working memory in baboons (*Papio papio*) using a variation of the Corsi test. 22ème Congrès de la Société Francophone de Primatologie, Liège, Octobre 2009

90. Barbet, I & Fagot, J. (2009). Concept de fermeture chez le babouin. 22ème Congrès de la Société Francophone de Primatologie, Liège, Octobre 2009
91. Fagot, J. (2009). Raisonnement analogique chez le babouin. 22ème Congrès de la Société Francophone de Primatologie, Liège, Octobre 2009.
92. Thompson, R., Flemming, T., Hoy-Kennedy, E. & Fagot, J. (2010). Does the 'profound disparity' in analogical reasoning still stand ? Analogical humans, apes and paleological monkeys revisited. 17th Annual International Conference on Comparative Cognition, Melbourne, USA, March 2010.
93. Parron, C. & Fagot, J. (2010). Theories of object recognition in monkeys : behavioral evidence. Workshop Européen "Advances in primate cognition", Rousset, 19 October.
94. Bonté, E. & Fagot, J.(2010). Etude des différences interindividuelles dans l'apprentissage de règles chez le babouin (*Papio papio*). 23ème congrès de la Société Francophone de Primatologie, Centre de la Baume les Aix, 20-22 October 2010.
95. Rey, A., Perruchet, P. & Fagot, J. (2010). Les racines de la récursivité. 23ème congrès de la Société Francophone de Primatologie, Centre de la Baume les Aix, 20-22 October 2010.
96. Fagot, J., Rey, & Perruchet, P. (2011). Production of center embedded structure by baboons (*Papio papio*). 18th Annual International Conference on Comparative Cognition, Melbourne, USA, March 2010.
97. Flemming, T., Bonté, E. & Fagot, J. (2011). Individual differences in executive control of abstract relations by baboons (*Papio papio*). 18th Annual International Conference on Comparative Cognition, Melbourne, USA, March 2011.
98. Fagot, J. (2011). The cognitive consequences of a local mode of processing in baboons. Leverhume Trust Workshop "Comparative Approaches to Perceptual Organisation", Leicester, UK, 7 April.
99. De Lillo, C. & Fagot, J. (2011). A comparative study of serial spatial recall in monkeys (*Papio papio*) using a variation of Corsi tapping test. Conférence de l'Experimental Psychology Society, Londres, January 2011.
100. Maugard, A. & Fagot, J. (2011). Raisonnement analogique chez le babouin : contribution de la mémoire de travail ? XXIV Congrès de la Société Francophone de Primatologie, Grenoble, October 2011.
101. Bonté, E.. & Fagot, J. (2011). Variabilités inter-individuelles dans la flexibilité cognitive chez le babouin (*Papio papio*). XXIV Congrès de la Société Francophone de Primatologie, Grenoble, October 2011.

- Montant, M., Grainger, J., Dufau, S., Ziegler, J. & Fagot, J. (2011). Le babouin et la lecture. XXIV Congrès de la Société Francophone de Primatologie, Grenoble, October 2011.
102. Fagot, J. (2011). Automated testing of cognitive performance in semi-free-ranging baboons (*Papio papio*). Primate Welfare Meeting, Wellcome trust et NC3R, 29 November, Londres.
103. Fagot, J. (2012). Le primate comme "modèle animal" en psychologie cognitive : Illustration des méthodes et de quelques thèmes de recherche. Conférence du réseau EFOR, 10 January, Paris.
104. Maugard, A., & Fagot J. (2012). Raisonnement analogique et fonctions exécutives chez le babouin, Congrès de la Société Française de Psychologie, Montpellier.
105. Rey, A., Perruchet, P., & Fagot, J. (2012). Centre-embedded structures are a by-product of associative learning and working memory constraints : Evidence from baboons (*papio papio*). Ninth International Conference on the Evolution of Language (Evolang IX), Kyoto, Japan.
106. Flemming, T. & Fagot, J. (2012). The role of attentional control in analogical reasoning for baboons. 19th Annual International Conference on Comparative Cognition, Melbourne, USA, March 2012.
107. Fagot, J. (2012). Une nouvelle méthode d'étude comportementale chez le primate non-huMayn. 30ème congrès de l'ASTAL, Marseille, 6 June 2012.
108. Ziegler, J. C., Montant, M., Hannagan, T., Dufau, S. Fagot, J. & Grainger. J. (2012). Monkey see, monkey read : orthographic processing in baboons. Eleventh Annual Summer Interdisciplinary Conference (ASIC2012), Cala Gonone, Sardinia, June 7 – June 12, 2012.
109. Maugard, A. & Fagot, J. (2012). Raisonnement par analogie chez le babouin : Démonstration d'un processus cognitif complexe. XXV colloque de la SFDP, Lyon, 17-19 October.
110. Captier, G., Boë, LJ, Berthommier, F., Rey, A. & Fagot, J. (2012). Larynx et tracture vocal du babouin *Papio papio* : Anatomie et potentialités de prodction de signaux acoustiques. XXV colloque de la SFDP, Lyon, 17-19 October.
111. Gullstrand, J., Guillory, Q., Lharidon, A., Rosay, B., Ruppé, L. & Fagot, J. (2012). Effets d'un système de conditionnement opérant en libre service sur le comportement spontané d'un groupe de babouins de Guinée (*Papio papio*). XXV colloque de la SFDP, Lyon, 17-19 October

112. Ziegler, J., Hannagan, T., Dufau, S., Montant, M., Fagot, J. & Grainger, J. (2012). Baboons pass the Cambridge University Test. 53 meeting of the Psychonomic Society, Minneapolis, USA, 15-18 November.
113. Fagot, J. (2013). L'intelligence acquise. AFSTAL : ComTech, Paris : 24 January.
114. Fagot, J. & Maugard (2013), A. Flexible encoding of the source pair in a bi-dimensional relational matching to sample task in baboons. Comparative Cognition Society, Melbourne, FL, 6-9 March.
115. Hannagan, T., Ziegler, J., Fagot, J., Dufau, S., & Grainger, J. (2013). Deep learning in baboons : convolutional networks and word recognition. ICCNS 2013, Boston, USA.
116. Fagot, J. (2013). Visual Cognition in Baboons : Assessment With Innovative Self-Testing Procedures (Keynote). European Federation of Primatology (EFP), Antwerp, September 10-14.
117. Fagot, J. (2014). "Retour d'expérience : Cognition comparée sur le site de la station de primatologie de Rousset" : Journée des responsables administratifs, Siège CNRS, Paris, 3 February 2014.
118. Fagot J. (2014). "Lessons from six years of research using automated cognitive testing procedures with monkeys". Colloque EFOR, Paris, 13 February.
119. Fagot, J. (2014). Cognition du primate non-huMain (Keynote). XIII forum des Sciences Cognitives, 22 March.
120. Fagot, J. (2014). Analogical reasoning in baboons : complex conceptual cognition in absence of language ? Coloquium DEC, Ecole Normale Supérieure, 25 Nov, Paris.
121. Malassis R, Gheusi G & Fagot J. (2014). Métacognition chez le babouin : chercher l'information manquante. Colloque de la société francophone de primatologie (SFDP), Poitiers, France, November 2014
122. Malassis R, Gheusi G & Fagot J. Savoir ce que l'on sait ou ne sait pas : métacognition chez le babouin (*Papio papio*). Colloque de la société française pour l'étude du comportement animal (SFECA), Paris, France, July 2014
123. Fagot, J. (2015). Lessons from five years of ALDM testing in social groups of baboons. Congrès Neurex "Primate Cognition", Strasbourg, 9\_10 June, (invited speaker).

124. Fagot, J. (2015). The study of primate cognition : novel approach, novel findings. congrès 1st Pheno-workshop, ICM, Paris, 13-14 June.
125. Pope, S.M., Meguerditchian, A., Fagot, J. (May, 2015). Baboons (*Papio papio*), but not humans, break cognitive set in a visuomotor task. Presented at Georgia State University's Neuroscience Institute's Breakfast & Lecture Series.
126. Minier, L., Fagot, J. & Rey, A. (2015). Regularity extraction in nonhuman primates. International conference on Interdisciplinary Advances in Statistical Learning, Basque Center for Brain and Language (BCBL), San Sebastian, Spain, June.
127. Pope, S.M., Meguerditchian, A., Fagot, J. (August, 2014). Baboons (*Papio papio*) take the shortcut in a touchscreen task while humans stick to the long way. Presented at the biennial meeting of the International Primatological Society, Hanoi, Vietnam.
128. Fagot, J. (2015). Social cognition in baboons. Congrès de l'European Federation of Primatology. 25-29 Août, Rome, Italie.
129. Fagot, J. (2015). Physical and social cognition in baboons. Seminar on Experiments in social sciences (diffusé sur 3 sites, Ehess Marcheile, Gredec, sophia Antipolis, Institut Jean Nico, Paris). 6 November, Vieille Charité, Marseille.
130. Fagot, J. (2016). Analogies chez le primate nonhumain. Séminaire invité au Collège de France, 26 January.
131. Fagot, J. (2016). Malin comme un singe : recherche actuelles sur la cognition du primate nonhumain. Les Jeudis du CNRS, 4 February, Marseille.
132. Gullstrand, J., Claidière, N., Latouche, A. and Fagot, J. Using automated ALDM test systems to analyse the social network of baboons. Communication orale, 10e Göttinger Freilandtage (GFT), 9 Décembre 2015.
133. Malassis R, Rey A & Fagot J, Statistical learning of nonadjacent dependencies in baboons and humans. BCBL - San Sebastian - Spain. Interdisciplinary Advances in Statistical Learning. June 25th - 27th, 2015.
134. Malassis R & Fagot J, Abstract patterns learning in baboons, CECOG - Croatia, VIII Dubrovnik Conference on Cognitive Science : Comparative Cognition, from Ethology to Cognitive Science. 28 April - 1 May, 2016.
135. Claidière, N., Gullstrand, J., Latouche, A. & Fagot, J. Using automatized cognitive

testing to analyse the social network of baboons. Conference Complex Network : from theory to interdisciplinary applications. Marseille, 11-13 July 2016.

136. Fagot, Joël (2017) Assessment of symmetry relation in humans and nonhuman primates : a prevalent encoding of the information on stimulus ordering can explain failures during symmetry testing. Asia-Pacific conference on education, society and psychology, february 7-9, Seoul, Corée
137. Fagot, Joël (2017). Visual cognition in baboons. EcoScience Ewha Womans University, February 14, Seoul, Corée.
138. Fagot, Joël (2017). Recherches actuelles sur la cognition du primate. Musée "Regard de Provence", 31 March, Marseille.
139. Rey, A. & Fagot, j. Processing of long-distance dependences by baboons. Workshop de l'anr primavoix (P. Belin, May, 2017)
140. Fagot, J. (2017). Cognition et réseau social chez le babouin. Journée de la fédération 3C, 14 September, Marseille.

### **Communications : posters**

141. Prévalence manuelle au cours d'activités spontanées chez le babouin. Congrès National des Neurosciences, Bordeaux, April 1986.
142. Prévalence et spécialisation manuelle chez le gorille et le babouin. XXIèmes Journées d'Etudes de l'A.P.S.L.F., Toulouse, 16-18 September, 1987.
143. Prévalence manuelle et spécialisation hémisphérique chez les gorilles (*Gorilla gorilla*). Premières Journées Régionales des Neurosciences, Marseille, 14 April 1988.
144. Forelimb lateralization for visuo-motor activities in cats and monkeys. Colloque NATO ASI : Motor Neurosciences, Calcatoggio (Corse), 15-24 September, 1990.
145. Latéralisation chez le chat et le singe dans des tâches de pointage en direction d'une cible mobile. Assises Régionales des Sciences de la Cognition. Marseille, 24-26 January, 1991.
146. A computer apparatus to test laterality in nonhuman primates. Annual Conference of Experimental Analysis of Behaviour Society, Londres, 2-3 April, 1991.

147. Paw preference in cats reaching towards a moving target. Annual Meeting of the European Neuroscience Association, Cambridge, September 8-12, 1991.
148. Lateralization in haptic processing : Sex and hand differences in exploratory strategies. Annual Meeting of the Society for Neuroscience. New-Orleans, 10-12 November 1991.
149. Laterality in haptic exploratory strategies. Psychonomic Society, San-Francisco, 22-24 November 1991.
150. Manual preferences in baboons (*Papio papio*) for tactile discrimination. International Primatological Society, Strasbourg, 16-21 Août 1992.
151. Organization of asymmetrical hand movements in a feeding act in *cebus apella*. International Primatological Society, Strasbourg, 16-21 Août, 1992.
152. Effets de lateralité, effets de sexe, et stratégies manuelles dans un tâche de discrimination tactile. Rencontres des 3èmes cycles en Neurosciences, Marseille, 9 October 1992.
153. Lateralité et stratégies d'exploration manuelle, Forum des Sciences Cognitives, Marseille, 4-5 Décembre, 1992
154. Stimulus novelty and hemispheric specialization in baboons in a matching-to-sample task. European Neuroscience Association, Vienne, September 1994.
155. Spécialisation hémisphérique et relations spatiales abstraites, Colloque annuel de la Société Francophone de Primatologie, Montpellier, 14-15 October 1994.
156. Lateralization of haptic exploratory strategies in mono- and dichhaptic tasks, 36th annual meeting of the Psychonomic Society, Los Angeles, 10-12 November 1995.
157. Perception of compound stimuli by humans and baboons, Society for Neurosciences, San Diego, 11-16 November 1995.
158. Catégorisation de stimuli visuels polymorphes chez des babouins (*Papio papio*). Congrès annuel de la Société Française de Psychologie, Toulouse, May 1995.
159. Hemispheric lateralization in baboons (*Papio papio*) in the processing of visual stimuli presented at various presentation durations, 18th Meeting of the European Neuroscience Association, Amsterdam, September 1995.



160. Processing of spatial relations in baboons (*Papio papio*). VIII biennial meeting of the International Society for Comparative Psychology, Montréal, 14-16 Août, 1996.
161. Humans and baboons categorize distances in the same way. XXVI Congrès International de Psychologie, Montréal 16-21 Août, 1996
162. Effects of stimulus and attentional factors on global precedence effects. Annual Meeting of the Psychonomic Society, Chicago, 1-3 November, 1996.
163. Object-picture equivalence in baboons. Colloque Neural Substrates of Cognitive Processes : Hommage à Jean Requin, Marseille, 15-16 May 1997.
164. Processing of near/far and above/below relations in baboons. Colloque Neural Substrates of Cognitive Processes : Hommage à Jean Requin, Marseille, 15-16 May 1997.
165. Comparative assessment of near/far processes and hemispheric specialization in humans and baboons. Ecole de formation Approche des fonctions cognitives par les méthodes de neuroimagerie, Cabourg, June 1997.
166. Etude comparative de la perception de l'illusion de Kanizsa chez le babouins Société Francophone de Primatologie, Paris, 29 September au 4 October 1999.
167. Cross modal-interference in Baboons. Joint French-Japanese Symposium on Cognitive Neurosciences, Tokyo, 18-21 September, 2001
168. Picture processing in categorization tasks by baboon and human observers. OPAM-psychonomic 2001, Orlando : USA.
169. Monkeys categorize colours differently from humans. Progress in colour studies, University of Glasgow, 30 June-2 July 2004.
170. Discrimination of same-different relation in visual displays by baboons (*papio papio*) and humans. PRI cooperative research workshop "Gaze, Joint attention and theory of mind", Inuyama, Japon, 1-3 Août 2005.
171. La perception des photographies : discrimination ou différenciation ? Etude comparative chez le babouin, le chimpanzé et le gorille. 19ème congrès de la Société Francophone de Primatologie. Strasbourg, 18-20 October 2006.
172. Picture-object recognition in tufted capuchin monkeys (*Cebus apella*). Second conference of the European federation of Primatologie. Prague, 3-7 September 2007.

173. Sakai, A., Fujita, K., Parron, C. & Fagot, J. (2007). Preliminary evidence for size constancy illusion in baboons (*Papio papio*) induced by texture gradients. ECVF September, Arrezzo, Italie.
174. Fagot, J. (2010). Automatic tests of baboons maintained in their social group. 17th Annual International Conference on Comparative Cognition, Melbourne, USA, March 2010. Comparative Cognition Society. Melbourne, Florida, March.
175. Bonté, E. & Fagot, J. (2010). Use of the Hick task to assess selective attention in a group of baboons (*Papio papio*). 17th Annual International Conference on Comparative Cognition, Melbourne, USA, March 2010. Comparative Cognition Society. Melbourne, Florida, March.
176. Davidoff, J., & Fagot, J. (2010). Binary Division Constrains Human but not Baboon Categorical Judgements within Perceptual (colour) Continua. Meeting of the Vision Science Society, Naples, May 2010.
177. Goujon, A. & Fagot, J. (2013). Learning of Spatial Statistics in Nonhuman Primates : Contextual Cueing in Baboons (*Papio papio*). ESCOP, Budapest, Hongrie, August 2013.
178. Kemp, C., Rey, A., Legou, T., Becker, Y., Böe, LJ, Fagot, J. (2013). Grunt, Yak, Wahoo : The vocal repertoire of guinea baboons. Journée du BLRI. Marseille, 11 September.
179. Malassis, R., Gheusi, G., & Fagot, J. (2013). Metacognition chez le babouin. Colloque Sfeca, Dijon, November.
180. Gullstrand, J. & Fagot, J. (2013). Bien être du babouin en situation de tests informatisés. Colloque Sfeca, Dijon, November.
181. Maugard, A., Wasserman, E., Castro, L. & Fagot, J. (2013). Analogie chez le babouin. Colloque SFDP, Kinshasa, Congo.
182. Minier, L., Fagot, J. & Rey, A. (2013). A new method for studying chunking processes in non human primates, 25e congrès annuel de l'Association for Psychological Science, Washington, Etats-Unis (May 23-26)
183. Pope, S.M., Meguerditchian, A., Fagot, J. (2014). Baboons (*Papio papio*) adopt a more efficient solution to a visuomotor task while humans stick to a learned rule. Georgia State University's Second Century Initiative University Doctoral Fellows Poster Day.
184. Malassis R, Rey A & Fagot J (2015). Statistical learning of nonadjacent dependencies on baboons and humans. International conference on

Interdisciplinary Advances in Statistical Learning, Basque Center for Brain and Language (BCBL), San Sebastian, Spain, June.

185. Rey, A., Lavigne, F., Mathy, F. & Fagot, J. (2016). Beyond transitional probabilities : Learning XOR in non-human primates. Fifth implicit learning seminar. Lancaster, UK. June 23-25.
186. Medam, T., Marzouki, Y., Montant, M. & Fagot, J. (2016). Stimulus equivalence in baboons : does categorization promote symmetry ? Poster, VIII Dubrovnik Conference on Cognitive Science, Dubrovnik, April 28- May 1.

### **Medias : Tv/radio and Web pages (Mayn)**

- LCI "Science info" diffusée le 8 et 10 April 1999
- E=M6 Les grands défis de la Science du 26 March 2000.
- E=M6 du 23 March 2003.
- Prise Directe sur France 2, reportage sur le plateau de rousset, 12 February 2011
- E=M6, 20 November 2011
- M6 du 19 Décembre 2011.
- BFMTV, 19 April 2012.
- TF1, 19 April 2012.
- Interview Radio-Canada, les années lumière, 22 April 2012.
- 19-20 et Soir 3 (reportage sur le centre CCDP), France 3, 4 May 2012.
- E=M6, 30 July 2012
- C'est au programme sur France 2, 4 Décembre 2012.
- XENIUS, Arte, 19 November 2014
- Thousands of web pages reporting our Mayn findings (Washington Post, CNN, CBS News (US), the Guardian, The Independent, Daily Telegraph, New Scientist (Angleterre), Frankfurter Allgemeine Zeitung (Allemagne), l'Express, Science et Avenir (France)...

### **Organization of conferences, meetings and workshops**

- Workshop Perception in animals , International conference of psychology, ICP2004, Beijing (Août 2004)
- International meeting, The Dynamic Brain , Marseille, 22-24 September 2005.
- Workshop « Plasticity », meeting The Dynamic Brain , Marseille, 22-24 September 2005.
- Meeting « Stages in the development of sign use », Fondation Novartis, Décembre 2007.
- International meeting "ESF-Exploratory Workshop" intitulé : The contribution of animal research to the study of human cognition. Marseille, Décembre 7-9, 2005.
- Workshop « Phylogeny of sign use » dans le cadre du congrès « stages in the development of sign use », Londres, Décembre 2007
- Workshop "Et si on changeait notre façon d'expérimentation" dans le cadre du 22ème congrès de la Société Francophone de Primatologie, Liège, October 2009.
- Workshop Européen "Current advances in primate cognition", Rousset, 19 October 2010.

- Co-Organisateur et president of the scientific committee of the 23th congress of the Société Francophone de Primatologie, Aix en Provence, 20-22 October 2010.
- Member of the scientific committee of the 7th EFP meeting, Strasbourg, 21-25 Août 2017.

### **Scientific collaborations**

More than 100 co-authors (scopus), including

- Dr. Anderson, J., Dept. of Psychology, University of Stirling, Ecosse
- Prof. Captier, G., Service Anatomie, Univ. Montpellier.
- Dr. Bard, K., Yerkes Primate Research Center, Atlanta, USA
- Dr. Barbet, I., CNAM
- Dr. Boe, LJ, Gipsa Lab, Grenoble
- Dr. Castro, L., Iowa University, USA
- Prof. Biederman, I., USC, USA
- Dr. Call, J., Max-Planck, Leipzig.
- Dr. Cook, R. Tufts University, Boston, USA.
- Dr. Davidof, J., Goldsmith college, Univ. of London.
- Prof. de Fockert, J., Goldsmith college London, Univ. London
- Prof. Kirby, S. Edimburgh University.
- Dr. C. De Lillo, Univ Leicester
- Dr. Fabre-Thorpe, M., Cognition et Cerveau, Toulouse.
- Dr. Gheusi, G., Institut Pasteur, Paris
- Dr. Hopkins, WD, Yerkes Primate Research Center, Atlanta, USA
- Dr. Joachim Wilde, DPZ, Göttingen, Allemagne
- Dr. Jorgensen, M., Harvard Medical School, Southborough, USA.
- Prof. Latouche, A. CNAM
- Dr. Legou, T., LPL, Aix en Provence
- Dr. Perruchet, P., LEAD, Dijon
- Dr. Thompson, R., Franklin Marchhall college, Lancaster, USA.
- Prof. Kruschke J., Indiana University, Bloomington, USA.
- Prof. Pickering, A. Goldsmith college London, Univ. London.
- Prof. Sawallis, T. University of Alabama
- Prof. Smith, K., Edimburgh University.
- Prof. Tomonaga, M., Primate Research Institute, Kyoto University, Japon
- Dr. Truppa, V. CNR-Rome
- Prof. Wallen, K., Emory University, Atlanta, USA.
- Prof. Wasserman, E. Iowa University, Iowa, USA.

### **Student advisor**

1. 1990-1991 Agnès Lacreuse, D.E.A. Sciences du Comportement, Université Paul Sabatier, Toulouse. (co-direction avec J. Vauclair).
2. 1992-1993 Pascale Matias, D.E.A. de Psychologie Expérimentale. Université de Provence, Aix-Marseille I. (co-direction avec J. Vauclair).

3. 1992-1994 Agnès Lacreuse (boursière MRT), Thèse en Sciences du Comportement et Neurosciences Cognitives présentée en November 1994, Université Paul Sabatier, Toulouse (co-direction avec J. Vauclair). Obtenue avec la mention très honorable et les félicitations du jury.
4. 1993-1994 Delphine Dépy, DEA Neurosciences, Université de Provence, Aix-Marseille I (co-direction avec J. Vauclair).
5. 1994-1997 Delphine Dépy (boursière Cognisciences). Thèse Neurosciences, Université de Provence, Aix-Marseille I (co-direction avec J. Vauclair) présentée en June 1998. Obtenue avec la mention très honorable et les félicitations du jury.
6. 1995-1996 Corinne Ruggeri. Maîtrise de Psychologie Expérimentale. Université de Provence, Aix-Marseille I. Mention très bien (co-direction avec C. Deruelle).
7. 1996-1997 Julie Martin-Malivel. DEA Neurosciences, Université de Provence, Aix-Marseille I. Mention Bien.
8. 1997-2000 Julie Martin-Malivel (boursière MRT). Thèse de Neurosciences présentée en Décembre 2000, Université de Provence. Obtenue avec le mention très honorable
9. 1998-1999 Isabelle Barbet. DEA de Neurosciences, Université de Provence, Aix-Marseille I (Mention bien)
10. 1999-2003 Isabelle Barbet. Thèse de Neurosciences (boursière MRT), Université de Provence, Aix-Marseille I (2003)
11. 2000-2001 Laura Martinez. DEA de Neurosciences, Université de Provence, Aix-Marseille I.
12. 2002-2003 Nathalie Zardan, Maîtrise de Sciences Cognitives, Université de Provence, Aix-Marseille I.
13. 2003-2004 Laure Cruvelier, DEA de Neurosciences, Université de Provence, Aix-Marseille I.
14. 2004-2005 Samantha Girard, Master de recherche de neurosciences (parcours Neurosciences Cognitives), Université Pierre et Marie Curie (Paris VI).
15. 2004-2005 Nina Gaubert, Master de Neurosciences, Spécialité Neurosciences Intégratives et Cognitives, Université Aix-Marseille I
16. 2005-2006 Thomas Salun (co-direction avec Joëlle Michaellef-Roll/Olivier Blin). Master2 Neurosciences, Spécialité Neurosciences cognitives et intégratives. Université Aix-Marseille I

17. 2005-2006 Alexandrine Sicre. Master 2 Neurosciences, Spécialité Neurosciences cognitives et intégratives. Université Aix-Marseille I
18. 2005-2006 Delphine Magestrali. Master 1 Neurosciences, Spécialité Neurosciences cognitives et intégratives. Université Aix-Marseille I
19. 2005-2007 Carole Parron. Etudiante post-doc sur contrat européen.
20. 2006-2007. Claire Barrère. Master 2 d'éthologie, Paris XIII.
21. 2007-2008. Elodie Bonté, Master 2 d'éthologie, Toulouse.
22. 2008- Elodie Bonté, Thèse de Doctorat, Aix-Marseille II.
23. 2008. Caroline Coindre, Master 1 d'Ethologie, Paris XIII.
24. 2008-2009. Caroline Coindre, Master 2 d'Ethologie, Paris XIII.
25. 2009-2010. Mathilde Lalot, Master 2 d'éthologie, Paris XIII.
26. 2011-2012. Sarah Beurns, Master 2 Erasmus, Univ Gent.
27. 2011- 2014. Anaïs Maugard, Thèse de Doctorat, Aix-Marseille Univ.
28. 2012 - 2015. Laure Minier, Thèse de Doctorat, Aix-Marseille Univ (co-direction avec A. Rey)
29. 2012 - Raphaëlle Malassis. Master 2 Ethologie, Paris XIII.
30. 2013- Tiphaine Medam, Thèse de doctorat, Aix-Marseille Univ.
31. 2014- Raphaëlle Malassis, Thèse de doctorat, Aix-Marseille Univ. (co-direction avec A. Rey)
32. 2014- Julien Roland. Thèse de doctorat, Univ. Paul Sabatier, Toulouse (co-direction avec P. Girard)
33. 2014 - Sarah Pope. Thèse de doctorat en co-tutelle entre Georgia State (USA) et Aix-Marseille University (co-direction, WD. Hopkins & J. Fagot).

### **Scientific societies**

- Société Francophone de Primatologie (since 1988)
- Founding member of the Comparative Cognition Society (since 1997)

**Main grants/fundings**

- ATP Développement des fonctions manuelles chez le babouin (avec J. Vauclair, 1986-1988).
- Cognisud, 1991.
- Contrat NATO N° 920086, 1992-1993).
- Contrat NATO N° 950741, 1995-1996).
- GIS, 1996-1997.
- GIS, 1997-1998).
- Japan Ministry of Education, 1998.
- Joint fundings CNRS-JSPS, 1997-2001.
- Origine de l'homme, du langage et des langues du CNRS (PI), 1998
- Origine de l'homme, du langage et des langues, 2001
- Eurocores/ACI-Origine de l'homme (With J. Davidoff, 2003-2006).
- EC/NEST/SEDSU (#012-984), "What it means to be human" (2005-2007). 280 K€
- CNRS, exceptionnel funding for the CCDP station, 75 K€
- Conseil régional PACA, 70 K€, 2008-2010
- Euprim-Net II, 180 euros, 2011-2014.
- ANR blanc, ANAFONEX, 320 000 euros
- ANR Blanc PREMILANG2 (PI). 140 000 euros (2014-2017)
- ANR retour post-doc LANGPRIMATE (member, PI Adrien-Meguerdidchian), 460 K€ -(2013-2016).
- ANR Retour post-doc ASCME (member, PI Nicolas Claidière) 420 K€ (2014-2017).
- ANR (CHUNKED). 2017-2021- 114000 euros