

阿部修士 (京都大学こころの未来研究センター)

a. 外国語による論文・著書 (分担執筆を含む)

※29. Abe, N., & Greene, J.D. (2014) Response to anticipated reward in the nucleus accumbens predicts behavior in an independent test of honesty. *Journal of Neuroscience*, 34, 10564-10572.

28. Abe, N., Fujii, T., Ito, A., Ueno, A., Koseki, Y., Hashimoto, R., Hayashi, A., Mugikura, S., Takahashi, S., & Mori, E. (2014) The neural basis of dishonest decisions that serve to harm or help the target. *Brain and Cognition*, 90, 41-49.

27. Hayashi A, Abe, N., Fujii, T., Ito, A., Ueno, A., Koseki, Y., Mugikura, S., Takahashi, S., & Mori, E. (2014) Dissociable neural systems for moral judgment of anti- and pro-social lying. *Brain Research*, 1556, 46-56

26. Abe, N., Fujii, T., Suzuki, M., Ueno, A., Shigemune, Y., Mugikura, S., Takahashi, S., & Mori, E. (2013) Encoding- and retrieval-related brain activity underlying false recognition. *Neuroscience Research*, 76, 240-250.

25. Ogura, K., Fujii, T., Abe, N., Hosokai, Y., Shinohara, M., Fukuda, H., & Mori, E. (2013) Regional cerebral blood flow and abnormal eating behavior in Prader-Willi syndrome. *Brain and Development*, 35, 427-434.

24. Abe, N. (2012) Neuroimaging studies of false memory: a selective review. *Psychologia*, 55, 131-145.

23. Ito, A., Abe, N., Fujii, T., Hayashi, A., Ueno, A., Mugikura, S., Takahashi, S., & Mori, E. (2012) The contribution of the dorsolateral prefrontal cortex to the preparation for deception and truth-telling. *Brain Research*, 1464, 43-52.

22. Hashimoto, R., Abe, N., Ueno, A., Fujii, T., Takahashi, S., & Mori, E. (2012) Changing the criteria for old/new recognition judgments can modulate activity in the anterior hippocampus. *Hippocampus*, 22, 141-148.

21. Hanaki, R., Abe, N., Fujii, T., Ueno, A., Nishio, Y., Hiraoka, K., Shimomura, T., Iizuka, O., Shinohara, M., Hirayama, K., & Mori, E. (2011) The effects of aging and

Alzheimer's disease on associative recognition memory. *Neurological Sciences*, 32, 1115-1122.

20. Kanno, S., Abe, N., Saito, M., Takagi, M., Nishio, Y., Hayashi, A., Uchiyama, M., Hanaki, R., Kikuchi, H., Hiraoka, K., Yamasaki, H., Iizuka, O., Takeda, A., Itoyama, Y., Takahashi, S., & Mori, E. (2011) White matter involvement in idiopathic normal pressure hydrocephalus: A voxel-based diffusion tensor imaging study. *Journal of Neurology*, 258, 1949-1957.

※19. Abe, N. (2011) How the brain shapes deception: An integrated review of the literature. *Neuroscientist*, 17, 560-574.

18. Abe, N., Fujii, T., Nishio, Y., Iizuka, O., Kanno, S., Kikuchi, H., Takagi, M., Hiraoka, K., Yamasaki, H., Choi, H., Hirayama, K., Shinohara, M., & Mori, E. (2011) False item recognition in patients with Alzheimer's disease. *Neuropsychologia*, 49, 1897-1902.

17. Ito, A., Abe, N., Fujii, T., Ueno, A., Koseki, Y., Hashimoto, R., Mugikura, S., Takahashi, S., & Mori, E. (2011) The role of the dorsolateral prefrontal cortex in deception when remembering neutral and emotional events. *Neuroscience Research*, 69, 121-128.

16. Ogura, K., Fujii, T., Abe, N., Hosokai, Y., Shinohara, M., Takahashi, S., & Mori, E. (2011) Small gray matter volume in orbitofrontal cortex in Prader-Willi syndrome: a voxel-based MRI study. *Human Brain Mapping*, 32, 1059-1066.

15. Abe, N., Fujii, T., Ueno, A., Shigemune, Y., Suzuki, M., Tashiro, M., & Mori, E. (2010) Right temporal-lobe contribution to the retrieval of family relationships in person identification. *Neuroscience Letters*, 486, 10-13.

14. Hayashi, A., Abe, N., Ueno, A., Shigemune, Y., Mori, E., Tashiro, M., & Fujii, T. (2010) Neural correlates of forgiveness for moral transgressions involving deception. *Brain Research*, 1332, 90-99.

13. Mugikura, S., Abe, N., Suzuki, M., Ueno, A., Higano, S., Takahashi, S., & Fujii, T. (2010) Hippocampal activation associated with successful external source monitoring.

*Neuropsychologia*, 48, 1543-1550.

12. Shigemune, Y., Abe, N., Suzuki, M., Ueno, A., Mori, E., Tashiro, M., Itoh, M., & Fujii, T. (2010) Effects of emotion and reward motivation on neural correlates of episodic memory encoding: a PET study. *Neuroscience Research*, 67, 72-79.

11. Kikuchi, H., Fujii, T., Abe, N., Suzuki, M., Takagi, M., Mugikura, S., Takahashi, S., & Mori, E. (2010) Memory repression: Brain mechanisms underlying dissociative amnesia. *Journal of Cognitive Neuroscience*, 22, 602-613.

10. Abe, N. (2009)

The neurobiology of deception: evidence from neuroimaging and loss-of-function studies. *Current Opinion in Neurology*, 22, 594-600.

9. Ueno, A., Abe, N., Suzuki, M., Shigemune, Y., Hirayama, K., Mori, E., Tashiro, M., Itoh, M., & Fujii, T. (2009) Reactivation of medial temporal lobe and human V5/MT+ during the retrieval of motion information: a PET study. *Brain Research*, 1285, 127-134.

※8. Abe, N., Fujii, T., Hirayama, K., Takeda, A., Hosokai, Y., Ishioka, T., Nishio, Y., Suzuki, K., Itoyama, Y., Takahashi, S., Fukuda, H., & Mori, E. (2009) Do parkinsonian patients have trouble telling lies? The neurobiological basis of deceptive behaviour. *Brain*, 132, 1386-1395.

**(Faculty of 1000 Medicine に選出 <http://f1000.com/1161304>)**

※7. Abe, N., Okuda, J., Suzuki, M., Sasaki, H., Matsuda, T., Mori, E., Tsukada, M., & Fujii, T. (2008) Neural correlates of true memory, false memory, and deception. *Cerebral Cortex*, 18, 2811-2819.

6. Hirayama, K., Tachibana, K., Abe, N., Manabe, H., Fuse, T., & Tsukamoto, T. (2008) Simultaneously cooperative, but serially antagonistic: A neuropsychological study of diagnostic dyspraxia in a case of Marchiafava-Bignami disease. *Behavioural Neurology*, 19, 137-144.

5. Abe, N., Ishii, H., Fujii, T., Ueno, A., Lee, E., Ishioka, T., & Mori, E. (2007) Selective impairment in the retrieval of family relationships in person identification: A case study of delusional misidentification. *Neuropsychologia*, 45, 2902-2909.

※4. Abe, N., Suzuki, M., Mori, E., Itoh, M., & Fujii, T. (2007) Deceiving others: distinct neural responses of the prefrontal cortex and amygdala in simple fabrication and deception with social interactions. *Journal of Cognitive Neuroscience*, *19*, 287-295.

3. Ueno, A., Abe, N., Suzuki, M., Hirayama, K., Mori, E., Tashiro, M., Itoh, M., & Fujii, T. (2007) Reactivation of medial temporal lobe and occipital lobe during the retrieval of color information: A positron emission tomography study. *Neuroimage*, *34*, 1292-1298.

2. Abe, N., Suzuki, M., Tsukiura, T., Mori, E., Yamaguchi, K., Itoh, M., & Fujii, T. (2006) Dissociable roles of prefrontal and anterior cingulate cortices in deception. *Cerebral Cortex*, *16*, 192-199.

1. Kondo, Y., Suzuki, M., Mugikura, S., Abe, N., Takahashi, S., Iijima, T., & Fujii, T. (2005) Changes in brain activation associated with use of a memory strategy: a functional MRI study. *Neuroimage*, *24*, 1154-1163.

**b. 国際学会・海外学会での発表・講演等**

35. Nishio, Y., Abe, N., Shigemune, Y., Mugikura, S., Fujii, T., & Mori, E. (2014) Cholinergic modulation of emotion and memory in humans: a pharmacological fMRI study. *Society for Neuroscience 44th Annual Meeting*, Washington DC, USA

34. Kajimura, S., Kochiyama, T., Nakai, R., Abe, N., & Nomura, M. (2014) Subtype- and phenotype-specific altered functional connectivity of social anxiety. *Society for Neuroscience 44th Annual Meeting*, Washington DC, USA

33. Ito, A., Abe, N., Kawachi, Y., Kawasaki, I., Ueno, A., Yoshida, K., Sakai, S., Matsue, Y., & Fujii, T. (2013) Dissociable roles of the nucleus accumbens and the ventromedial prefrontal cortex in preference formation for consciously and subconsciously perceived targets. *Beauty and Value*, Berlin, Germany.

32. Ito, A., Fujii, T., Abe, N., Kawasaki, I., Hayashi, A., Ueno, A., Yoshida, K., Sakai, S., Mugikura, S., Takahashi, S., & Mori, E. (2013) Gender differences in the patterns of vmPFC activity associated with preference judgments for faces. *International Neuropsychological Society 2013 Mid-Year Meeting*, Amsterdam, Netherlands.

31. Abe, N. (2013) Neural reward sensitivity predicts dishonest behavior. *The 10th Biennial Meeting of the Society for Applied Research in Memory and Cognition*, Rotterdam, Nederland.

30. Abe, N., & Greene, J.D. (2011) Reward sensitivity in the ventral striatum predicts dishonest behavior. *Society for Neuroscience 41st Annual Meeting*, Washington DC, USA.

29. Abe, N., Fujii, T., Suzuki, M., Ueno, A., Shigemune, Y., Mugikura, S., Takahashi, S., & Mori, E. (2011) False recollection and recognition: an event-related fMRI study. *International Neuropsychological Society 39th Annual Meeting*, Boston, USA.

28. Hayashi, A., Abe, N., Fujii, T., Ito, A., Ueno, A., Koseki, Y., Mugikura, S., Takahashi, S., & Mori, E. (2011) Neural correlates of moral judgment about anti- and pro-social lying. *International Neuropsychological Society 39th Annual Meeting*, Boston, USA.

27. Ito, A., Abe, N., Fujii, T., Ueno, A., Koseki, Y., Hashimoto, R., Mugikura, S., Takahashi, S., & Mori, E. (2011) The role of dorsolateral prefrontal cortex in deception for emotional and neutral events. *International Neuropsychological Society 39th Annual Meeting*, Boston, USA.

26. Koseki, Y., Ito, A., Abe, N., Ueno, A., Hayashi, A., Mori, E., Sung, Y., Matsue, Y., & Fujii, T. (2011) Dissociating areas for novelty detection and for episodic encoding within the human medial temporal lobe. *International Neuropsychological Society 39th Annual Meeting*, Boston, USA.

25. Abe, N., Ueno, A., Shigemune, Y., Suzuki, M., Mori, E., Tashiro, M., & Fujii, T. (2009) Right temporal lobe activity associated with the retrieval of family relationships in person identification: A positron emission tomography study. *15th Annual meeting of the Organization for Human Brain Mapping*, San Francisco, USA.

24. Ueno, A., Abe, N., Suzuki, M., Shigemune, Y., Hirayama, K., Mori, E., Tashiro, M., Itoh, M., & Fujii, T. (2009) Reactivation of the medial temporal lobe and visual association areas during the retrieval of visual information: a positron emission

tomography study. *15th Annual meeting of the Organization for Human Brain Mapping*, San Francisco, USA.

23. Koseki, Y., Abe, N., Ueno, A., Ito, A., Mori, E., Tashiro, M., & Fujii, T. (2009) The brain empathic responses modulated by the affective link between self and others: A PET study. *15th Annual meeting of the Organization for Human Brain Mapping*, San Francisco, USA.

22. Ito, A., Abe, N., Ueno, A., Koseki, Y., Mori, E., Tashiro, M., & Fujii, T. (2009) Amygdala activity associated with unpleasant emotion induced by social appraisal: A PET study. *15th Annual meeting of the Organization for Human Brain Mapping*, San Francisco, USA.

21. Ishioka, T., Hirayama, K., Hosokai, Y., Takeda, A., Nishio, Y., Sawada, Y., Abe, N., Suzuki, K., Itoyama, Y., Takahashi, S., Fukuda, H., & Mori, E. (2008) Disordered Kanizsa figures perception and cortical hypometabolism in patients with Parkinson's disease. *Society for Neuroscience 38th Annual Meeting*, Washington DC, USA.

20. Okuda, J., Abe, N., Suzuki, M., & Fujii, T. (2008) Activity in the medial temporal lobes predicts realization of intentions for future actions. *14th Annual meeting of the Organization for Human Brain Mapping*, Melbourne, Australia.

19. Abe, N., Fujii, T., Nishio, Y., Iizuka, O., Kanno, S., Kikuchi, H., Takagi, M., Hiraoka, K., Yamasaki, H., Hirayama, K., Choi, H., & Mori, E. (2008) Recollection failure increases false recognition in patients with Alzheimer's disease. *Cognitive Neuroscience Society Annual Meeting 2008*, San Francisco, USA.

18. Ueno, A., Abe, N., Suzuki, M., Shigemune, Y., Hirayama, K., Mori, E., Tashiro, M., Itoh, M., & Fujii, T. (2008) Reactivation of medial temporal lobe and area MT/V5 during the retrieval of motion information: a PET study. *Cognitive Neuroscience Society Annual Meeting 2008*, San Francisco, USA.

17. Shigemune, Y., Abe, N., Suzuki, M., Ueno, A., Mori, E., Tashiro, M., Itoh, M., & Fujii, T. (2008) Effects of emotion and reward motivation on neural activity associated with episodic memory encoding: a PET study. *Cognitive Neuroscience Society Annual Meeting 2008*, San Francisco, USA.

16. Okuda, J., Watanabe, M., Fujii, T., Suzuki, M., Abe, N., & Tsukada, M. (2008) Roles of the medial frontal cortex and hippocampus in memory-guided future planning. *Cognitive Neuroscience Society Annual Meeting 2008*, San Francisco, USA.
15. Suzuki, M., Abe, N., Mugikura, S., Ueno, A., Shigemune, Y., Takahashi, S., & Fujii, T. (2008) Neural mechanisms for the retrieval of time duration of past events. *Cognitive Neuroscience Society Annual Meeting 2008*, San Francisco, USA.
14. Abe, N., Fujii, T., Hirayama, K., Takeda, A., Hosokai, Y., Ishioka, T., Suzuki, K., Nishio, Y., Itoyama, Y., Takahashi, S., Fukuda, H., & Mori, E. (2008) Neural basis of human deceptive behavior: Evidence from Parkinson's disease. *International Neuropsychological Society 36th Annual Meeting*, Waikoloa, USA.
13. Abe, N., Ishii, H., Fujii, T., Ueno, A., Lee, E., Ishioka, T., & Mori, E. (2007) A peculiar form of delusional misidentification: a neuropsychological case study providing a window on person identification. *International Neuropsychological Society 2007 Mid-year Meeting*, Bilbao, Spain.
12. Suzuki, M., Hashimoto, R., Hirayama, K., Abe, N., Ueno, A., Tashiro, M., Mori, E., Itoh, M., & Fujii, T. (2007) The neural network for temporal order memory retrieval: evidence from lesion and PET studies. *International Neuropsychological Society 2007 Mid-year Meeting*, Bilbao, Spain.
11. Kikuchi, H., Fujii, T., Abe, N., Suzuki, M., Mugikura, S., Takahashi, S., & Mori, E. (2007) Brain mechanisms underlying dissociative retrograde amnesia: an fMRI Study. *International Neuropsychological Society 2007 Mid-year Meeting*, Bilbao, Spain.
10. Abe, N., Okuda, J., Suzuki, M., Sasaki, H., Matsuda, T., Mori, E., Tsukada, M., & Fujii, T. (2006) Brain activities associated with false memory and deception: an fMRI investigation. *The 4th International Conference on Memory*, Sydney, Australia.
9. Fujii, T., Suzuki, M., Abe, N., Mugikura, S., Ueno, A., Mori, E., & Takahashi, S. (2006) Distinct medial temporal lobe activations associated with the retrieval of different types of information attached with items: an fMRI study. *The 4th International Conference on Memory*, Sydney, Australia.

8. Suzuki, M., Abe, N., Ueno, A., Tashiro, M., Mori, E., Itoh, M., & Fujii, T. (2006) Neural basis of the retrieval of temporal order memory of experienced events: A PET study. *The 4th International Conference on Memory*, Sydney, Australia.

7. Ueno, A., Abe, N., Suzuki, M., Mori, E., Tashiro, M., Itoh, M., & Fujii, T. (2006) Reactivation of medial temporal lobe and occipital lobe during retrieval of color information: a PET study. *11th Annual meeting of the Organization for Human Brain Mapping*, Florence, Italy.

6. Mugikura, S., Abe, N., Suzuki, M., Ueno, A., Higano, S., Takahashi, S., & Fujii, T. (2006) Neural correlates of successful retrieval of 'person' as an information source of episodic memory: an event-related fMRI study. *11th Annual meeting of the Organization for Human Brain Mapping*, Florence, Italy.

5. Abe, N., Suzuki, M., Mori, E., Itoh, M., & Fujii, T. (2005) Different roles of lateral and medial prefrontal cortices in deception: A PET study. *Cognitive Neuroscience Society Annual Meeting 2005*, New York, USA.

4. Suzuki, M., Abe, N., Tsukiura, T., Mori, E., Itoh, M., & Fujii, T. (2005) Emotional context dependent memory: PET evidence for the effect of emotional context congruency between encoding and retrieval on item recognition. *Cognitive Neuroscience Society Annual Meeting 2005*, New York, USA.

3. Abe, N., Suzuki, M., Tsukiura, T., Yamaguchi, K., Itoh, M., & Fujii, T. (2004) Neuroanatomical basis of human deception in episodic retrieval: A PET study. *10th Annual meeting of the Organization for Human Brain Mapping*, Budapest, Hungary.

**(Travel Award 受賞)**

2. Mugikura, S., Suzuki, M., Abe, N., Nagasaka, T., Higano, S., Takahashi, S., & Fujii, T. (2004) Retrieving learned actions in prospective memory: Event-related functional MRI study. *10th Annual meeting of the Organization for Human Brain Mapping*, Budapest, Hungary.

1. Fujii, T., Suzuki, M., Yamaguchi, K., Tsukiura, T., Abe, N., & Itoh, M. (2004) Activation in the rostral parahippocampal gyrus associate with later retrieval for words



processed deeply and with emotional valence. *Cognitive Neuroscience Society Annual Meeting 2004*, San Francisco, USA.

c. その他の国際的な業績

国内で開催された会議等での英語での発表

9. Abe, N., Fujii, T., Ito, A., Ueno, A., Koseki, Y., Hashimoto, R., Hayashi, A., Mugikura, S., Takahashi, S., & Mori, E. (2014) Neural basis of dishonest choices for harmful and helpful stories. *17th World Congress of Psychophysiology*, Hiroshima, Japan.

8. Abe, N., & Greene, J.D. (2014) Reward sensitivity in the nucleus accumbens predicts dishonest behavior. *17th World Congress of Psychophysiology*, Hiroshima, Japan.

7. Abe, N., & Greene, J.D. (2014) Reward sensitivity in the nucleus accumbens predicts dishonest behavior. *International Symposium: Adolescent brain & mind and self-regulation*, Tokyo, Japan.

6. Abe, N. & Greene, J.D. (2013) Reward sensitivity in the ventral striatum predicts dishonest behavior. *The 36th Annual Meeting of the Japan Neuroscience Society*, Kyoto, Japan.

5. Abe, N. (2009) The role of prefrontal cortex in deception: evidence from functional neuroimaging. *The 8th Biennial Meeting of the Society for Applied Research in Memory and Cognition*, Kyoto, Japan.

4. Choi, H., Meguro, K., Hiraoka, K., Hirayama, K., Abe, N., & Mori, E. (2007) Detecting subtle language impairment in patients with mild cognitive impairment with picture description task. *13th Congress of International Psychogeriatric Association*, Osaka, Japan.

3. Fujii, T., Kondo, Y., Suzuki, M., Mugikura, S., Abe, N., Takahashi, S., & Iijima, T. (2005) Changes in brain activation associated with use of a memory strategy: an fMRI study. *6th Tsukuba International Conference on Memory*, Tsukuba, Japan.

2. Abe, N., Suzuki, M., Tsukiura, T., Yamaguchi, K., Itoh, M., & Fujii, T. (2004)

Seeking the neural basis of deception in episodic retrieval. *5th Tsukuba International Conference on Memory*, Tsukuba, Japan.

1. Fujii, T., Suzuki, M., Yamaguchi, K., Tsukiura, T., Abe, N., & Itoh, M. (2004) The crucial role of the rostral parahippocampal gyrus in episodic memory encoding. *5th Tsukuba International Conference on Memory*, Tsukuba, Japan.

#### 国際誌における論文査読

Annals of General Psychiatry

Brain and Cognition

Brain Research

Brain Topography

Cerebral Cortex

Clinical Medicine Insights: Geriatrics

Cognitive, Affective, and Behavioral Neuroscience

Criminal Justice and Behavior

Frontiers in Cognitive Science

Frontiers in Decision Neuroscience

Frontiers in Human Neuroscience

Human Brain Mapping

Journal of Experimental Social Psychology

Journal of Neuroscience

Laterality: Asymmetries of Body, Brain and Cognition

Memory and Cognition

Neuroimage

Neuropsychologia (Top Reviewers in 2007 に選出)

Neuroscience

Neuroscience Letters

Neuroscience Research

PLoS ONE

Progress in Neuro-Psychopharmacology and Biological Psychiatry

Psychiatry Research: Neuroimaging

Psychological Science

Science

Scientific Reports

Social Cognitive and Affective Neuroscience

海外研究助成機関における申請書査読

National Science Foundation

European Science Foundation

国際学会における委員

31st International Congress of Psychology (ICP2016) プログラム委員

海外研究機関における教育貢献

2011-2012 Board of Tutors - Harvard University's undergraduate education in the life sciences に選出

(<http://isites.harvard.edu/icb/icb.do?keyword=k5526&tabgroupid=icb.tabgroup132167>)