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## Experience-dependent modulation of motor corticospinal excitability during action observation

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### Exp Brain Res (2001) 140:241–244

We wish to retract the article by Maeda, F., Chang, V.Y., Mazziotta, J.C., and Iacoboni, M., *Exp Brain Res* (2001) 140:241–244, because a re-analysis of the data failed to yield the reported findings (null results were obtained). A UCLA investigation found evidence of scientific misconduct such that, unbeknownst to us, data were switched across experimental conditions for six out of 10 subjects in order to obtain the reported effects. These data were also reported in the abstract: Maeda, F., Chang, V.Y., Mazziotta, J.C., and Iacoboni, M., “Rethinking Innateness: Experience-Dependent Modulation of Motor Facilitation

During Action Observation”, *NeuroImage* 13 (6), S1222, part 2, suppl. S June 2001, and thus we wish to retract this abstract as well. Furthermore, data reported in the abstract: Maeda, F., Chang, V.Y., Longson, K., Aziz-Zadeh, L., Mazziotta, J.C., and Iacoboni, M., “Motor facilitation during action observation depends on viewer’s perspective: a TMS study”, *NeuroImage* 13 (6), S1224, part 2, suppl. S June 2001, were also re-analyzed, again showing null effects. Thus, we wish to retract this abstract too. With regard to the abstract: Maeda, F., Aziz-Zadeh, L., Persson, A.M, Mazziotta, J.C., and Iacoboni, M., “Modulation of Cortico-Spinal Excitability by Goal-oriented vs. Non-Goal-Oriented Hand Actions”, *NeuroImage* 13 (6), S1223, part 2, suppl. S June 2001, a re-analysis of these data is not possible as critical information is missing. Thus, we wish to retract this abstract as well. We deeply regret that these serious problems have occurred and we sincerely apologize to any of our colleagues who might have been misled by these publications.

The online version of the original article can be found at <http://dx.doi.org/10.1007/s002210100827>

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