

Reviewer Recommendations Report

G2106-12345-Doe-FS

Report prepared by: Steve Jones, PhD

Manuscript Summary

Title:	Full manuscript title
Target Journal:	<i>Nature Neuroscience</i>

Recommended Reviewer 1

Name:	Avan Aihie Sayer, MBBS, PhD
Position:	Director
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Insight

Dr Sayer is the Director of the NIHR Newcastle Biomedical Research Centre. She has extensive expertise in geriatrics and gerontology. She has published recently on grip strength, including in the context of proprioception. As a senior academic with various commitments, Dr Sayer may not have time to review your manuscript. However, if this is the case she could likely refer the task to a more junior colleague with appropriate experience (with the consent of the journal editor and appropriate acknowledgement).

Relevant Publications

Granic A, Davies K, Jagger C, Kirkwood TB, Syddall HE, Sayer AA. Grip strength decline and its determinants in the very old: longitudinal findings from the Newcastle 85+ study. PLoS One. 2016 Sep 16;11(9):e0163183.

Dodds RM, Syddall HE, Cooper R, Kuh D, Cooper C, Sayer AA. Global variation in grip strength: a systematic review and meta-analysis of normative data. Age Ageing. 2016 Mar;45(2):209–16.

Recommended Reviewer 2

Name:	Valerie Gaveau, PhD
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Insight

Dr Gaveau is a clinical research assistant at the Lyon Neurosciences Research Center. She has published a number of papers on hand–eye coordination, kinematic analysis, and neurological and motor rehabilitation. As a mid-career researcher, Dr Gaveau is likely to be interested in accepting invitations to peer review.

Relevant Publications

Gaveau V, Pisella L, Priot AE, Fukui T, Rossetti Y, Pélisson D, Prablanc C. Automatic online control of motor adjustments in reaching and grasping. *Neuropsychologia*. 2014 Mar;55:25–40.

Gaveau V, Prablanc C, Laurent D, Rossetti Y, Priot AE. Visuomotor adaptation needs a validation of prediction error by feedback error. *Front Hum Neurosci*. 2014 Nov 4;8:880.

Recommended Reviewer 3

Name:	Patrick Haggard, PhD
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Insight

Dr Haggard is an Assistant Professor of Cognitive Neuroscience at University College London. He has expertise in the neuroscience of body representations and voluntary action. He has published a number of papers on proprioception, effects of stroke, and bimanual coordination.

Relevant Publications

Kuehn E, De Havas J, Silkoset E, Gomi H, Haggard P. On the bimanual integration of proprioceptive information. *Exp Brain Res.* 2015 Apr;233(4):1273–88.

Canzoneri E, Ferrè ER, Haggard P. Combining proprioception and touch to compute spatial information. *Exp Brain Res.* 2014 Apr;232(4):1259–66.

Recommended Reviewer 4

Name:	Gert Kwakkel, PhD
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Insight

Dr Kwakkel is a Professor of Neurorehabilitation in the Department of Rehabilitation Medicine of the VU University Medical Center. He has a background in neurorehabilitation. He has published recently on upper limb movement and functional changes after stroke.

Relevant Publications

van Kordelaar J, van Wegen EE, Nijland RH, Daffertshofer A, Kwakkel G. Understanding adaptive motor control of the paretic upper limb early poststroke: the EXPLICIT-stroke program. *Neurorehabil Neural Repair*. 2013 NovDec;27(9):854–63.

Buma FE, van Kordelaar J, Raemaekers M, van Wegen EE, Ramsey NF, Kwakkel G. Brain activation is related to smoothness of upper limb movements after stroke. *Exp Brain Res*. 2016 Jul;234(7):2077–89.

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