

# The Role of Contralesional Hemisphere in Motor Recovery After Stroke.

## April 23

Tuesday, 12:30 pm

Weekly Colloquium

Billings Building  
Rosedale Conference Room



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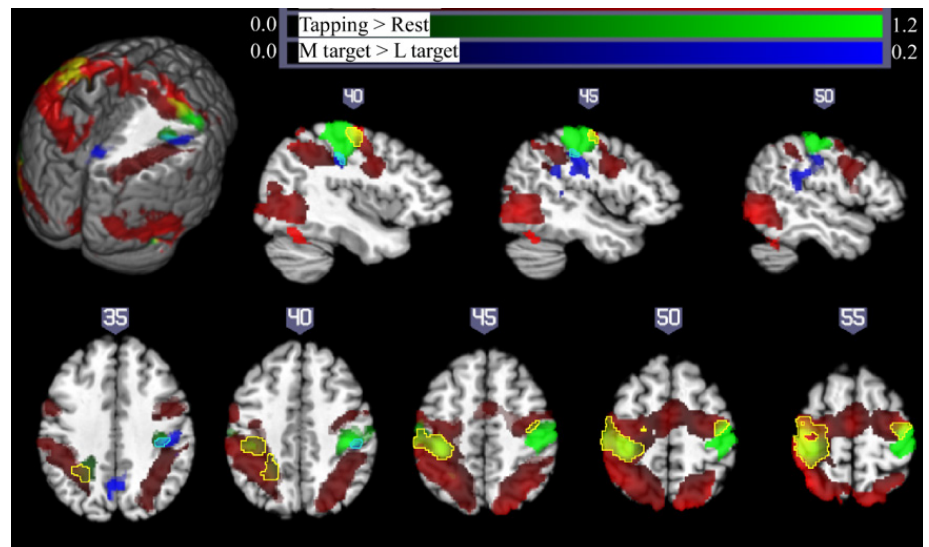
Host: Rajiv R. Ratan, M.D., Ph.D.

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## Abstract

The research focuses on mechanisms and modulation of human, non-human primate and rodent motor cortex reorganization. The overall goal of the research is to design innovative rehabilitation strategies that are based on these previously identified mechanisms to enhance motor function in patients after stroke.



Bueteifisch CM, Pirog Revill K, Haut MW, et al. Abnormally reduced primary motor cortex output is related to impaired hand function in chronic stroke. *J Neurophysiol.* 2018 Jun 20.

Bueteifisch CM, Pirog Revill K, Shuster L, Hines B, Parsons M. Motor demand dependent activation of ipsilateral motor cortex. *J Neurophysiol.* 2014 May 21.

Bueteifisch CM, Howard C, Korb C, et al. Conditions for enhancing the encoding of an elementary motor memory by rTMS. *Clin Neurophysiol.* 2014 Jul 12.



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