

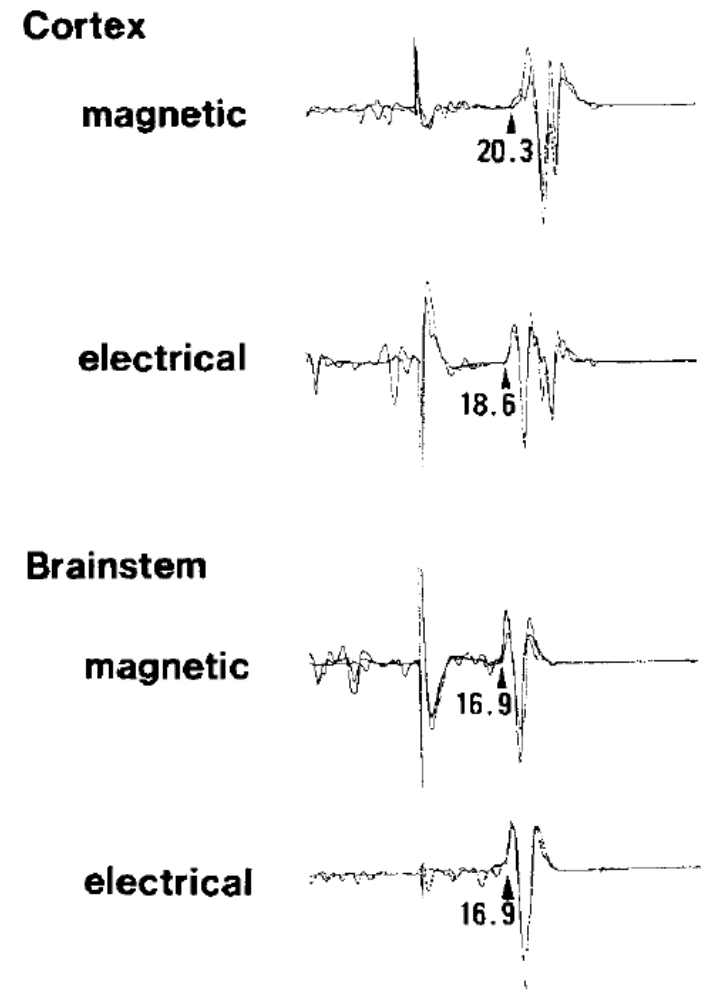
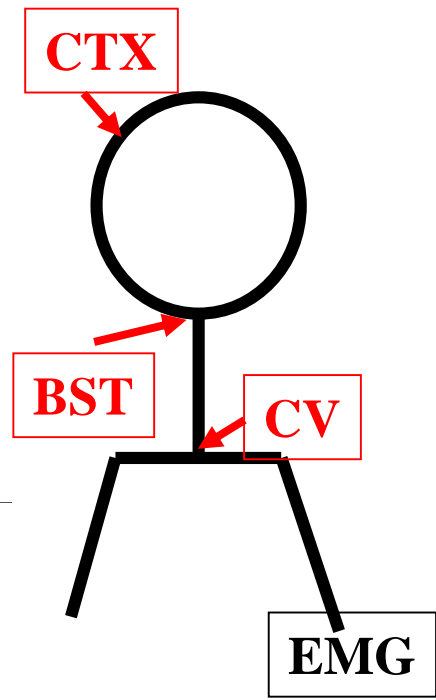
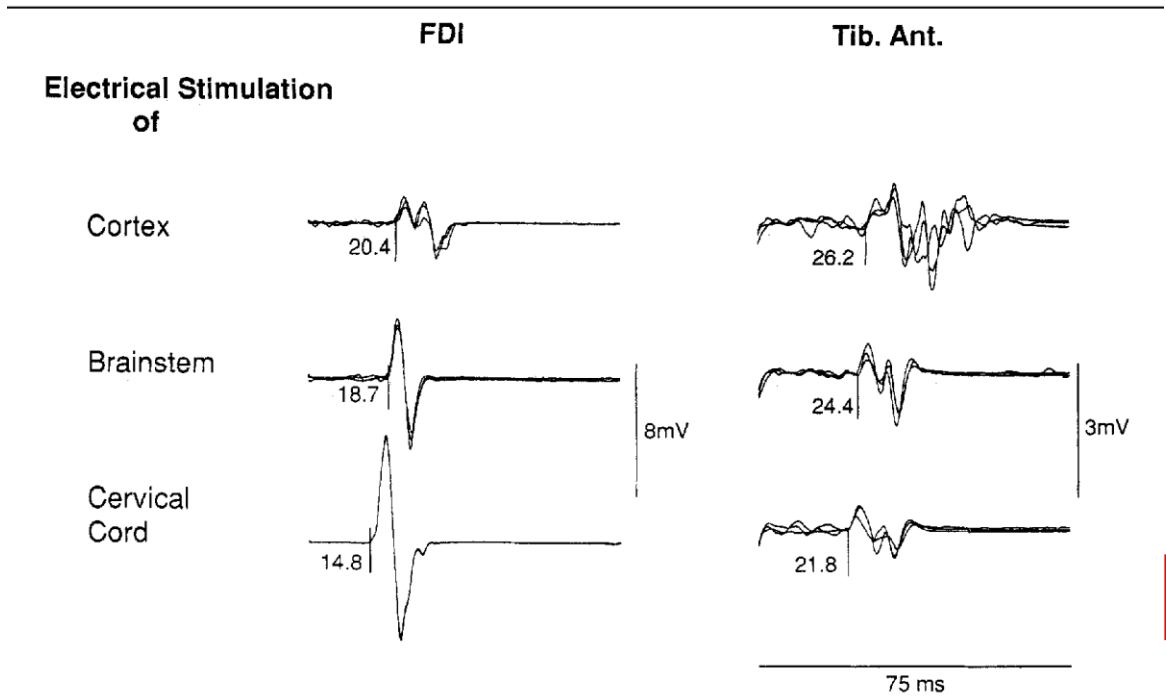
# **Curriculum Vitae in NBS**

**Yoshikazu Ugawa, MD**

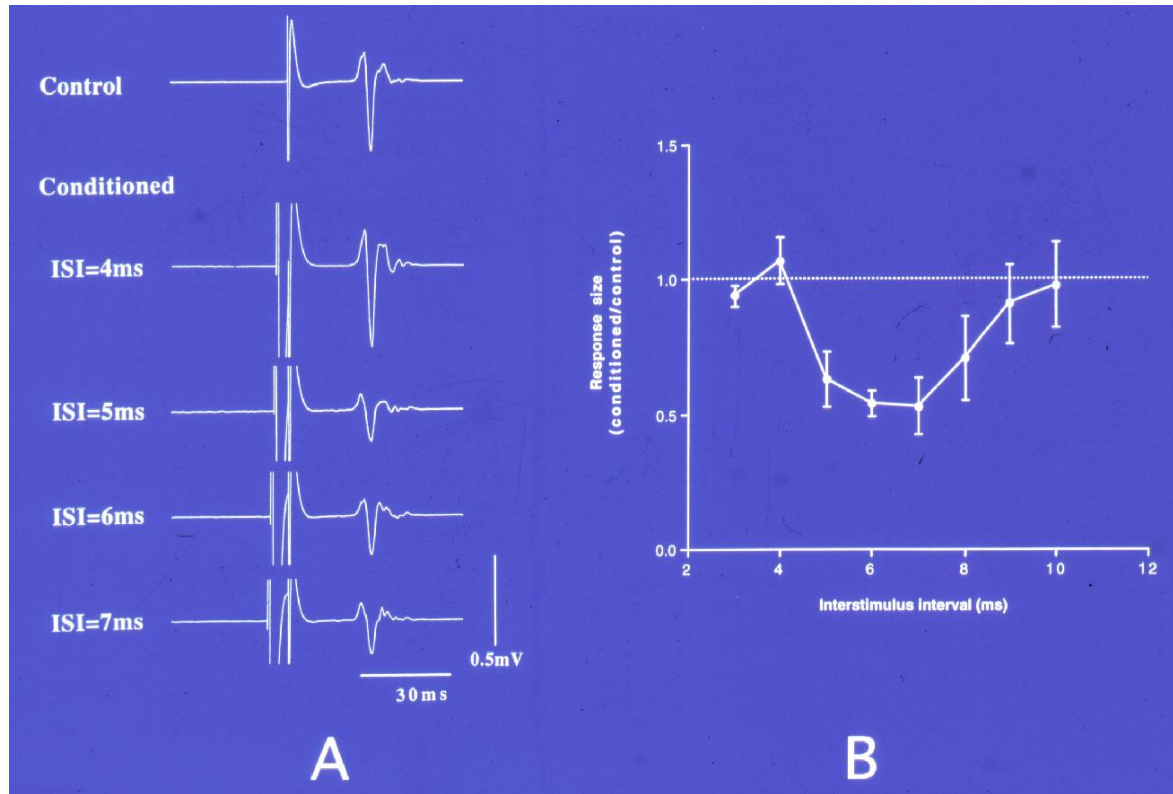
**Fukushima Medical University**

**Percutaneous electrical stimulation of corticospinal pathways at the level of the pyramidal decussation in humans. Ann Neurol 29: 418-427, 1991**

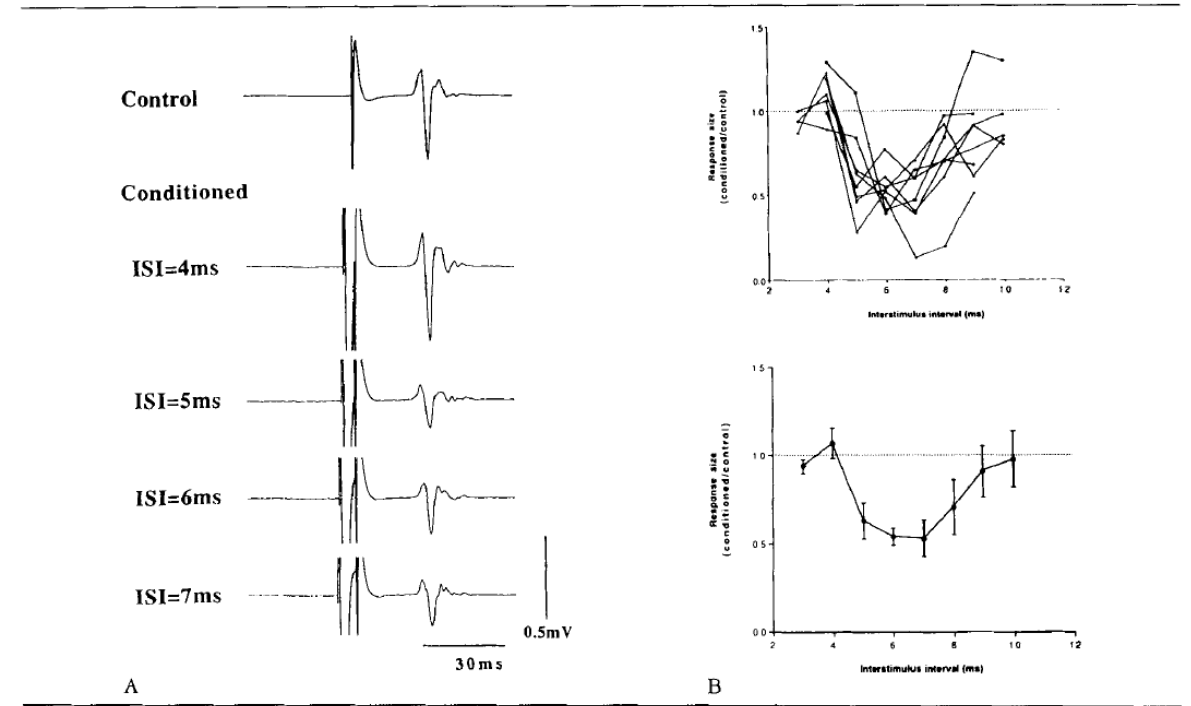
**Magnetic stimulation of corticospinal pathways at the foramen magnum level in humans. Ann Neurol 36: 618-624,1994**



**Suppression of motor cortical excitability by electrical stimulation over the cerebellum in ataxia. Ann Neurol 36:90-96, 1994**



**Magnetic Stimulation over the Cerebellum in Humans. Ann Neurol 37:703-713, 1995**

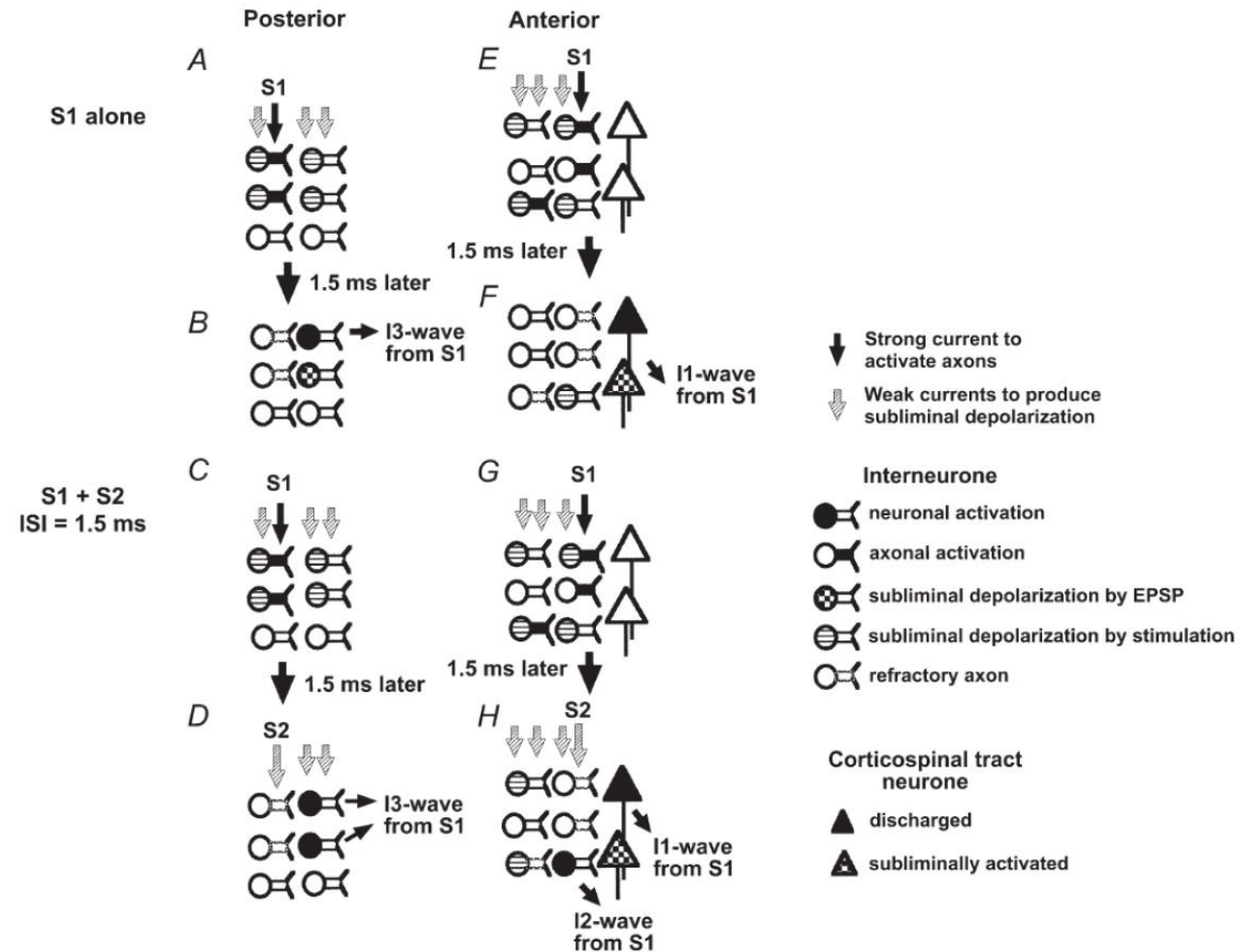
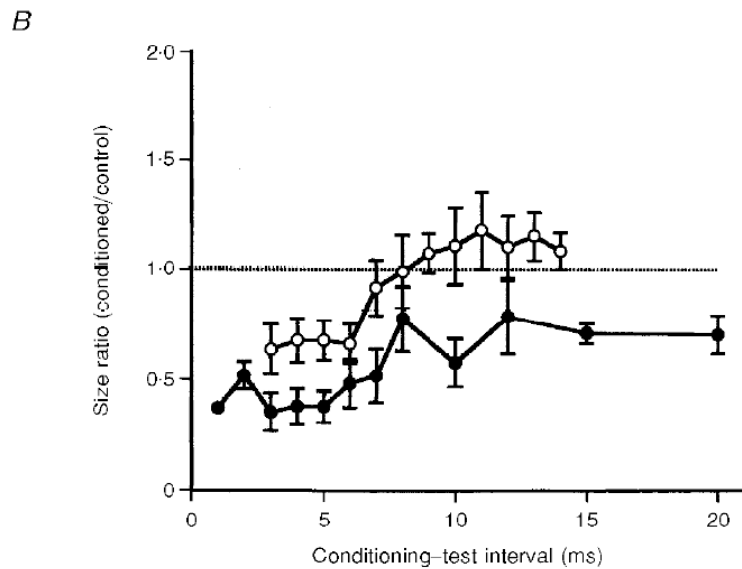
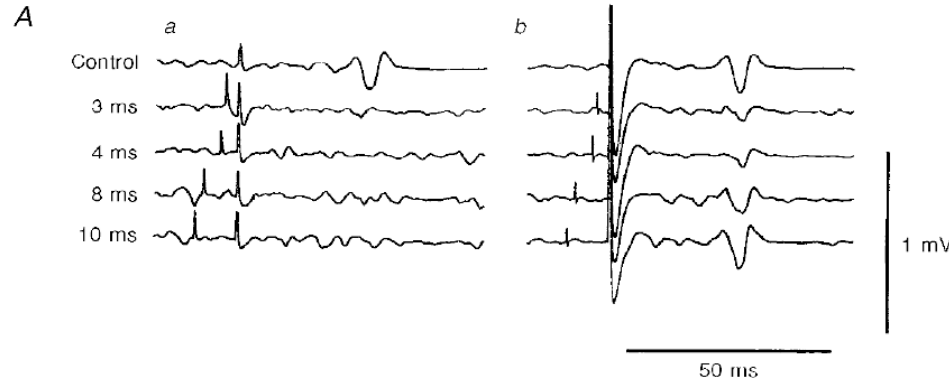
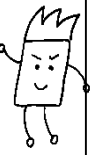


# Paired-pulse magnetic stimulation of the motor cortex: differences among I waves.

**J Physiol 509: 607-618, 1998**

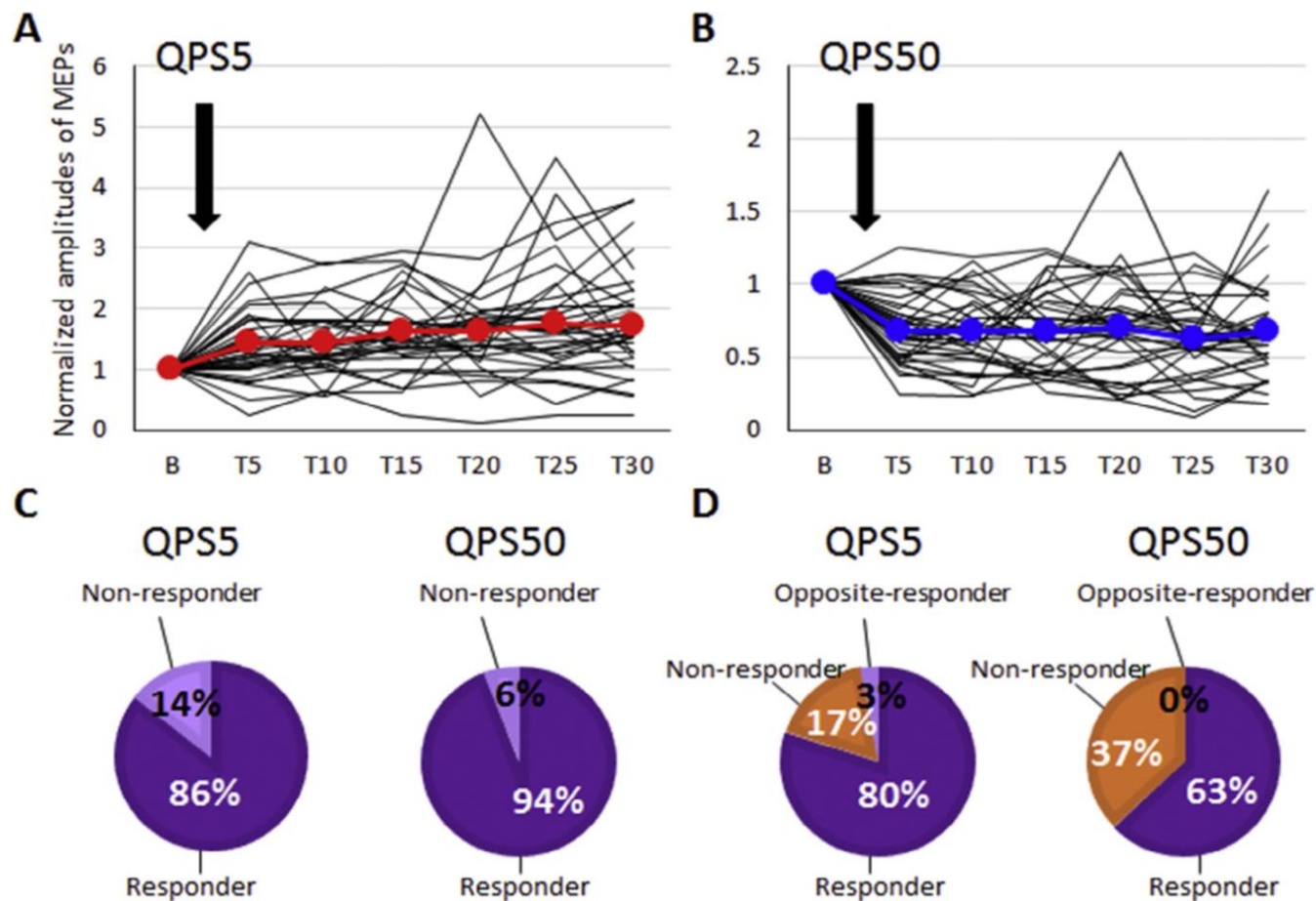
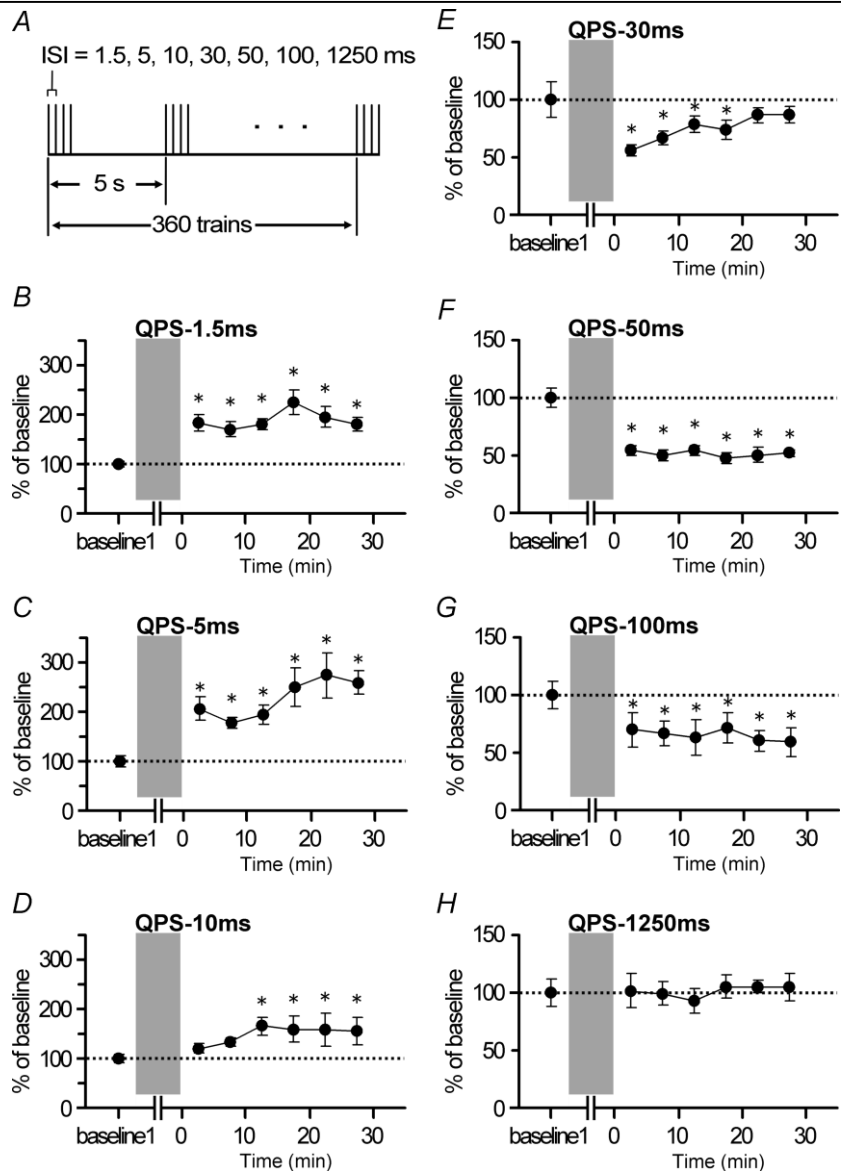
# Mechanisms of intracortical I-wave facilitation elicited by paired-pulse magnetic stimulation in humans.

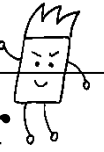
**J Physiol 538: 253-261, 2002**



# Bidirectional long-term motor cortical plasticity and metaplasticity induced by quadripulse transcranial magnetic stimulation. *J Physiol* 2008 586: 3927-3947

# Variability in Response to Quadripulse Stimulation of the Motor Cortex. *Brain Stimul* 9; 859-866, 2016





**Effects of L-Dopa and pramipexole on plasticity induced by QPS in human motor cortex. J Neural Transm (2015) 122:1253–1261**

**Supplementary motor area stimulation for Parkinson disease: a randomized controlled study. Neurology 2013;80:1–6.**

