

Japan-US Brain Research Cooperation Program
The Dispatch of Joint Researcher Report in 2004 fiscal year

[field: ①]

1. Affiliation/ Title/ Name:

Department of Neurology, Jikei University School of Medicine
Yohei Tamura, MD, PhD

2. The Project Title:

Mechanisms of somesthetic discrimination relating to space and time

3. U.S. Investigator's Name, Title, and Affiliation:

Mark Hallet, MD, Chief,
Human Motor Control Section, Medical Neurology Branch,
National Institute of Neurological Disorders and Stroke, NIH

4. The Term of Research: From 2004-09-02 To 2005-03-27 (7 Months)

5. The Abstract, the Result and the Significance of Research(300 Words):

The aim of this collaborative project is to clarify the electrophysiological correlate of somesthetic discrimination abnormality in patients with focal hand dystonia. We studied the recovery function of somatosensory evoked potentials in both normal volunteers and dystonic patients, together with behavioral investigation of somesthetic temporal discrimination capability. Unfortunately, we had not had enough data to perform the statistic comparison at the end of the term of this project, but we are still on these investigations.

6. The Others (Practical Issues, Special Mention Matters):

None