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New Insights into Movement Generation: Sensorimotor Processes

Guest Editor:

Prof. Dr. Koichi Hiraoka
School of Medicine, Osaka Metropolitan University, 3-7-30 Habikino, Habikino 583-8555, Osaka, Japan

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Message from the Guest Editor

Sensorimotor processing refers to a process by which sensory information is integrated into a related motor response in the central nervous system. Humans generate the movement through planning and executing motor programs; however, it is also true that the central nervous system conducts online somatosensory or visual feedback while generating the movement. Sensorimotor processing is, therefore, an intricate process requiring proper orchestration between multiple sources of sensory information, which relies on the proper integration of visual, auditory, and haptic perceptual inputs and efficient interactions with pre-motor and motor cortical areas and the cerebellum.

This Special Issue aims to gather together basic research and clinical studies highlighting motor execution, sensory feedback, and interactions between these phenomena, contributing to movement generation.

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Editor-in-Chief

Prof. Dr. Stephen D. Meriney
Department of Neuroscience,
University of Pittsburgh,
Pittsburgh, PA 15260, USA

Message from the Editor-in-Chief

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Contact Us

Brain Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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