Research Topics

Our lab is interested in the operation of the motor system during physiological and pathological states. Our working hypothesis is that local computation within motor sites and interactions between remote sites contribute to the planning and execution of voluntary movements. Consequently, we are studying the **descending** mechanism(s) through which group of muscles are rapidly recruited for performing motor tasks. We further study the way **ascending** sensory information shapes motor actions by dictating the timing of these events.

There is currently no content to view in this section.

**UPCOMING EVENTS**

Learn more about our exciting upcoming events!

**Studyng at ELSC**

Our Int'l Ph.D. program provides outstanding students with top-notch courses in computational neuroscience.

**The Building**

The Jerusalem Brain Sciences Building will provide a state-of-the-art research and teaching facility for the Edmond and Lily Safra Center for Brain Sciences.

**ELSC Media Channel**

Get into our media channel and investigate ELSC's latest videos: seminars, public lectures, courses and video articles.