

We are looking for volunteers for our corticospinal imaging study

Inclusion criteria

- Healthy individuals
- Age 18 years and above
- Right-handed
- Height 170 cm (5'6 ft) and above
- Normal or corrected-to-normal vision, otherwise -3 to +3 power acceptable
- Willing and able to provide informed consent study participation
- No evidence of a known history of neurological or neuromuscular diseases
- No color vision deficiency

Exclusion criteria

- Pacemakers or non-MR-compatible metallic objects in the body
- Claustrophobia
- An inability to understand or follow procedures or give consent

The goal of the study is to investigate the neural basis of multisensory integration in healthy individuals using non-invasive functional Magnetic Resonance Imaging (fMRI) technique. This integration refers to the mechanisms put in place by our nervous system to pool information from our different senses (e.g., touch, sight, etc.) to use our body efficiently.

Course and duration of the study

1 session (1h30): Information session (15') + Testing session (1h15)

The experiment will be conducted at the 3T MRI scanner in the MRI facility at the Campus Biotech in Geneva.

This study was evaluated and authorized by Commission Cantonale d'éthique de la recherche Genève (CCER). Taking part in this study is completely voluntary and the participation can be withdrawn at any time. All collected data will be coded and kept strictly confidential. A financial compensation of 40 CHF will be offered to the study participants. If you are interested in participating, please feel free to contact ekansh.sareen@epfl.ch for further information.