

# Steps to starting project -toward pilot experiment-

Support Unit for functional Magnetic Resonance Imaging (fMRI unit)

Our website <http://www.cbm.brain.riken.jp/~mri/home.html>

- 1.consultation about a project
- 2.Making documents for submitting to RIKEN Ethical Committee (cf. sample documents)
- 3.environment equipment for processing fMRI data
  - 3.1.our programs for processing data can run only in MacOSX and Linux.
    - 3.1.1.recommended specification of the computer
      - 3.1.1.1.Apple MacPro (OSX 10.6~10.8)
      - 3.1.1.2.memory:  $\geq$  32GB
      - 3.1.1.3.CPU:  $\geq$  6 core
      - 3.1.1.4.Fixed IP address to access our data file server
- 4.Pilot experiments with phantom(model of head)
  - 4.1.test for your own devices (If you need.)
    - 4.1.1.operation check in magnetic field and safety verification
    - 4.1.2.confirmation of interference to trigger signals
  - 4.2.setting parameters
    - 4.2.1.operation check of scanning
    - 4.2.2.operation check of trigger for stimuli, presentation of stimuli and response signals
- 5.Pilot experiments with a human subject
  - 5.1.optimization of subject handling and confirmation of steps for data processing
- 6.preparation for payment of user fee
  - 6.1.confirmation with the budget manager(assistant) in your lab
    - 6.1.1.making your lab's account in RRC on-line service(charging system)
    - 6.1.2.registation of billing budget number