

- 1- A list with the department present in your University
 - a. Biomedical Science Departments present in the University
 - i. Physiology
 - ii. Biochemistry
 - iii. Anatomy Histology and Embryology
 - iv. Pharmacology
 - v. Pathology
- 2- Facilities available to do biological and neuroscience related research.
 - a. Electrophysiology
 - i. Complete set of TEVC setup (Axoclamp 2B)
 - b. Hormone assay (1)
 - i. Cobas
 - c. Electrolyte analyzer (1)
 - d. Gene sequencer (1)
 - e. Organ bath (2)
 - f. Invasive BP recording setup
 - g. -80 freezers (2)
 - h. -20 freezer (2)
 - i. Gamma counter (1)
 - j. Real time PCR
 - k. HPLC
- 3- Types of biological/medical research that are currently being pursued at your university
 - a. Project on substance of abuse (*Catha edulis*)
 - b. Breast cancer research
 - c. Occupational hazards
 - d. Herbal medicine
 - e. Epilepsy
 - f. Cardiopulmonary research
- 4- Looking for in particular:
 - i. Expert on TEVC
 - ii. Experts on Patch clamp
 - iii. Drosophila and cockroach electrophysiologist and geneticist
 - iv. HPLC and extraction expert
 - v. Genetic lab expert
 - vi. Cell culture expert

Equipments we need for completeness of the work

1. Patch clamp setup
2. Cell culture setup
3. Neurobehavioral recording **software**
4. Spiker box
5. Reference electrode micromanipulator for TEVC