

Research projects (running at present) at IMBAS

1. Transfer of mercury resistance strategy from resistant soil bacterial strains to non-resistant *E.coli*.
2. Isolation, domain characterization and design of anti-microbial peptides.
3. Identification and assessment of phytochemical principles of *Clerodendron infortunatum*, *Achyranthes aspera* and *Streblus asper* active against tooth decaying organisms.
4. Improvement strategy for active triterpenes in the drug yielding strains of *Centella asiatica* through HMG CoA reductase (HMGR) gene manipulation.