

- for fiscal '89, and raise this amount by 20 % each year. It is expected that funding of at least a similar order will be invested by Industry in biotechnological R&D directed towards industry and agriculture;
- b. Increase support for R&D in academic institutes to a level of US\$ 4 million by fiscal '89, and continue to increase the annual amount according to need. This support should come from governmental funds through the Council for Research and Development (NCRD) administered by the Ministry of Science and Development.
4. Establish a public steering committee to supervise implementation of the policy and to update and coordinate all programs and policies of the Government in R&D-related biotechnology.
5. Encourage and develop the following fields:
- a. Novel and efficient methods for gene implantation and expression;
  - b. New techniques and processes of fermentation and production;
  - c. Culturing techniques for animal and plant cells;
  - d. New techniques for biocatalysis and its utilization;
  - e. New biosensors for diagnostic and industrial use;
  - f. Protein engineering using site directed mutagenesis and other genetic manipulations;
  - g. Genetic manipulation of plants and animals;
  - h. Development of the various stages of downstream processes;
  - i. New techniques for promoting growth of algae and extraction of algal products;
6. Establish centers of excellence for biotechnology within the academic institutes in order to promote R&D in biotechnology and serve as a link with industry.
7. Implement educational programs in biotechnology in order to provide industry with