



Figure 6

B. AREAS OF MAXIMUM PRIORITY

The Spanish Administration considers of maximum priority the following areas:

1. APPLICATIONS RESEARCH

- * Genetic manipulation of microorganisms
- * Cultures of plant and animal cells in relation with their applications
- * Applications of biochemical processes and enzymology

2. AGRICULTURE AND NUTRITION

- * Genetic improvement of plants
- * Nitrogen fixation
- * Enhancement of fermentation processes (wines, beer, dairy products)
- * Improvement of starter microbiological cultures
- * Bioconversion of lignocellulose materials
- * Biomass production and conversion
- * Insecticides, fungicides, and herbicides

3. BIO-DEGRADATION & POLLUTION CONTROL

- * Treatment of waste water and toxic residues from industrial effluents
- * Biodepuration of water
- * Elimination of heavy metals and processing of industrial solid wastes