



Unit One

Biology and Technology

Biological research in Ethiopia

Addis Ababa University (Biology Department)

- A center for biological research in Ethiopia.
- Home for Aklilu Lemma institute of patho biology.
- Consists of much more modern and high level equipments to help biologists in their research.
- A work place for most Ethiopian renowned biologists.

Armauer Hansen Research Institute (AHRI)

- Was first set up to carry out research only in leprosy.
- It has widened its research to include tuberculosis, leishmaniasis, malaria and HIV/AIDS

Aklilu Lemma Institute of patho biology (ALIPB)

- Is the center for biomedical research and training.
- The major research areas ALIPB.
 1. Micro biology research program into major infectious diseases.
 2. Vectors of diseases and how to control them.
 3. Human parasitic diseases
 4. Animal health and diseases
 5. Research in to Endod and use of other plants as a source of medicine.

ALIPB is also training new Ethiopian patho biologists

Ethiopian health and Nutritional research institute (EHNRI)

- The major areas of research are:
 - o Research in to immunology and viral disease though its well equipped laboratory.
 - o Work in relation to HIV /AIDS
 - o The battle against tuberculosis (TB)
 - o Nutritional states of mothers and babies.
 - o Infectious disease.

Ethiopian Institute of Agricultural Research (EIAR or IAR)

IAR is highly devoted to research into the following research areas.

- Development of crop technology to achieve food security and nutritional quality.
- Soil and water. This involves ways of improving the fertility of soil.
- Ways of managing animals which involves breeding and feeding programmes.
- Forestry which involves rehabilitation, restoring and conserving the forest ecosystem.
- Mechanizing farming.

Institute of Biodiversity Conservation (IBC)

The major areas of research of IBC are

- Forest
- Medical plants
- Animal genetic resources
- Aquatic plants
- Biotechnology and safety
- Ecosystem conservation.