

FROM SHARING COME SOLUTIONS

Institute scientists do not work in isolation. They share the results of their research with fellow scientists throughout the world by publications in scientific journals and monographs and by participation in international conferences.

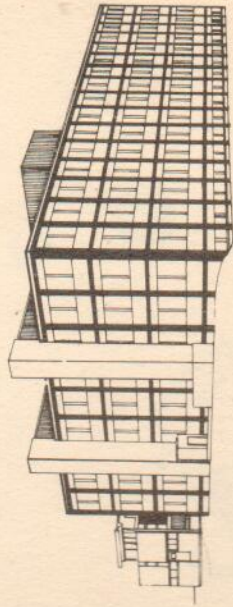
In the local area staff members collaborate with individuals in many organizations — among them, Boston University, Brandeis University, Harvard Medical School, Massachusetts Eye and Ear Infirmary, Massachusetts General Hospital, Massachusetts Institute of Technology, New England Medical Center Hospital, Retina Foundation and Tufts University.

For the past 20 years the senior staff of the Institute has shared its scientific know-how by training a large number of young scientists from around the world — passing on the complex skills essential to solving modern research problems. These young scientists provide the staff scientists, in turn, with fresh insight into research problems. Many of these young scientists go on to become leaders in their special fields of research.

None of this dissemination of knowledge and training would be possible without community support for the Institute. The Institute receives financial help from federal agencies, philanthropic foundations and such voluntary health organizations as:

American Cancer Society, Inc.
American Heart Associations, Inc.
Massachusetts Heart Associations, Inc.
Muscular Dystrophy Associations of America, Inc.

The facilities, containing laboratories, a library and research seminar rooms, were designed for flexibility and low maintenance. They are housed in a building shared with Retina Foundation. Animal quarters and additional laboratories are available at the Research Farm in Townsend, Massachusetts. You are welcome to visit our laboratories. To do so, please call Mrs. Jane Wainwright at 742-6580, extension 303.



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BOSTON BIOMEDICAL RESEARCH INSTITUTE

A Non-Profit Corporation
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BOSTON BIOMEDICAL RESEARCH INSTITUTE



LAYING THE GROUNDWORK
FOR THE PREVENTION AND CURE
OF DISEASE
THROUGH BASIC RESEARCH

PREVENTION AND CURE OF DISEASE THROUGH BASIC RESEARCH

Over 50 research scientists from 13 countries are engaged in important basic research programs in the Institute's well-equipped, modern research facility. These programs contribute to laying the foundation for the prevention and cure of disease — much as the early studies on viruses led to vaccines for polio and a wide variety of other human and animal diseases.

Institute scientists with the aid of electron microscopes, radioactive tracer systems, computers, and other advanced biomedical research tools, daily contribute to the world-wide fund of basic bio-medical knowledge. These discoveries find applications in clinical projects aimed at helping those suffering from:

Arteriosclerosis

Arthritis

Birth Defects

Cancer

Eye Diseases

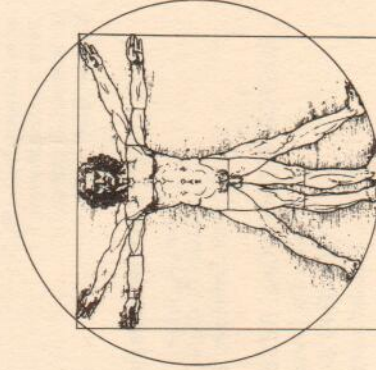
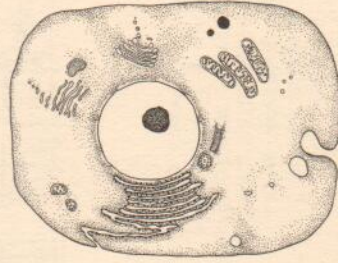
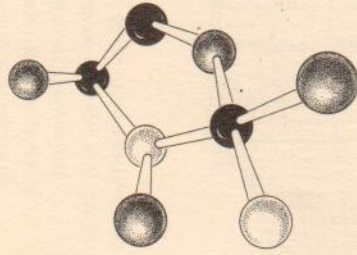
Heart Disease

Muscular Diseases

Nerve Degeneration

Premature Aging

FROM MOLECULE TO MAN



RESEARCH IN PROGRESS

The structure and function of normal muscles and the defects underlying heart and muscle diseases.

The chemical changes in living cells by which energy is mobilized for vital functions in various tissues.

The processes that regulate the development of an egg cell into a complex organism and the abnormal events that produce birth defects and cancer.

The structure and biological function of the substances between the cells and their role in regulating wound healing and in controlling inflammation in joints (arthritis). These studies may aid the long-term survival of kidney, skin, and other transplants

The causes, prevention, and cure of eye diseases (retinal detachment, diabetic retinopathy, uveitis, and cataract).

The structure and function of parts of normal and degenerating nervous tissue (Alzheimer's syndrome, Korsakoff's syndrome, senility).

The aging process and the effect of the accompanying degenerative changes on various tissues (brain, heart) and body functions (energy metabolism, circulation).