Core Facilities for Research

The Mouse Genomics Core Facility

The major goal of the IDDRC Molecular Core is to translate scientific discoveries into new, more effective ways of diagnosing and treating human diseases. Working toward this objective, researchers in the existing IDDRC Molecular Core Facility can use our world-renowned research facilities to identify and diagnose human disease. The Mouse Genomics Core Facility will provide researchers with the ability to perform basic research on human disease. This facility will be used to study the molecular basis for metabolic disease. A research team from the National Institutes of Health will apply this technology to study and identify new genetic changes associated with metabolic disease.

Flow Cytometry Core Facility

Flow cytometry is a technique for analyzing cells on the basis of their physical and chemical properties. This Facility will be used to study the molecular basis for metabolic disease. Flow cytometry is used to study the molecular basis for metabolic disease. The Facility will be used to study the molecular basis for metabolic disease. The Facility will be used to study the molecular basis for metabolic disease.

BSL3 Laboratory and Animal Facility

The BSL3 Laboratory and Animal Facility is a facility that is used for the study of human and animal disease. The BSL3 Laboratory and Animal Facility is a facility that is used for the study of human and animal disease. The BSL3 Laboratory and Animal Facility is a facility that is used for the study of human and animal disease.

Metabolomics Core Facility

The Metabolomics Core Facility will allow researchers to study the molecular basis for metabolic disease. The Metabolomics Core Facility will allow researchers to study the molecular basis for metabolic disease. The Metabolomics Core Facility will allow researchers to study the molecular basis for metabolic disease. The Metabolomics Core Facility will allow researchers to study the molecular basis for metabolic disease.

How You Can Help

We invite you to become a part of this exciting new venture. Join our dynamic team of faculty, staff and students in our commitment to conquer heart disease. Your financial support will help as we build the Biobehavioral Core at San Diego State University and reach our goal of building a center for scientific excellence close to you.

For more information on philanthropic opportunities, please contact:

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BioScience Center
at San Diego State University
New Hope for the Heart

But there is hope in the fight against this frightening and all too common disease. Researchers have discovered a major link between cardiovascular disease and inflammation resulting from infections. In fact, the research demonstrating this link is so compelling that some scientists advocate chronic inflammation—such as those who contract chronic lung or bladder infections—may be the leading risk factor for heart disease.

It's exciting to think about the potential of this discovery in preventing and treating heart disease. But much more research will be necessary to fully understand how inflammation causes cardiovascular disease and how it can be prevented or managed. Scientists from a number of fields including biology, biochemistry, immunology, and pathology are working on potential treatments.

A Unique Vision, A Unique Facility

The Biomedical Sciences Building at San Diego State University is now assembling to tackle this promising area of study. Completed in San Diego, California, the building is being uniquely designed to accommodate the link between infection and heart disease, and to find ways to defeat it. Intriguingly, their work could lead not only to new therapies for infectious heart valve disease, but also solutions to longstanding skin complications of the disease process in a manner that can be accelerated by individualized research.

Putting this unique vision into a unique facility A place specially designed and built to accommodate the brain-based, multidisciplinary approach to research. A dedicated center providing the research environment and tools necessary to bridge important new research into heart disease. Such a place is already under construction on the campus of San Diego State University.

A Space for Science

Excellence in academics and research is a priority at San Diego State, a university renowned for providing its students with a balanced education. The San Diego campus, with its 26,000 students, can now choose from among 42 independent research programs. A focus on undergraduate and graduate education means SDSU advancement opportunities to bring the university's faculty/founders to bear on transit, manufacturing and transportation.

For more information about the new Biomedical Sciences Center at San Diego State University, call 858-585-5400.

Institutes Within the BioScience Center

The Biomedical Sciences Center at San Diego State University is the result of a partnership among the College of Sciences and Health, and the Research Institute.

Christopher C. Glembocki, Ph.D.
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Stanley T. Crooke, M.D., Ph.D.
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Gerald J. Yakatan, Ph.D.
Professor of Chemistry

Judith K. Zink, M.D.
Chair of Medicine and Biochemistry

Interim director of the SDSU Biomedical Sciences Center

The Biomedical Sciences Center at San Diego State University is the result of a partnership among the College of Sciences and Health, and the Research Institute. The Biomedical Sciences Center will work to enhance education, research, and the community about the importance of understanding chronic disease processes, that contribute to health disparities, and therapeutic response to preventable and treatable diseases.

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