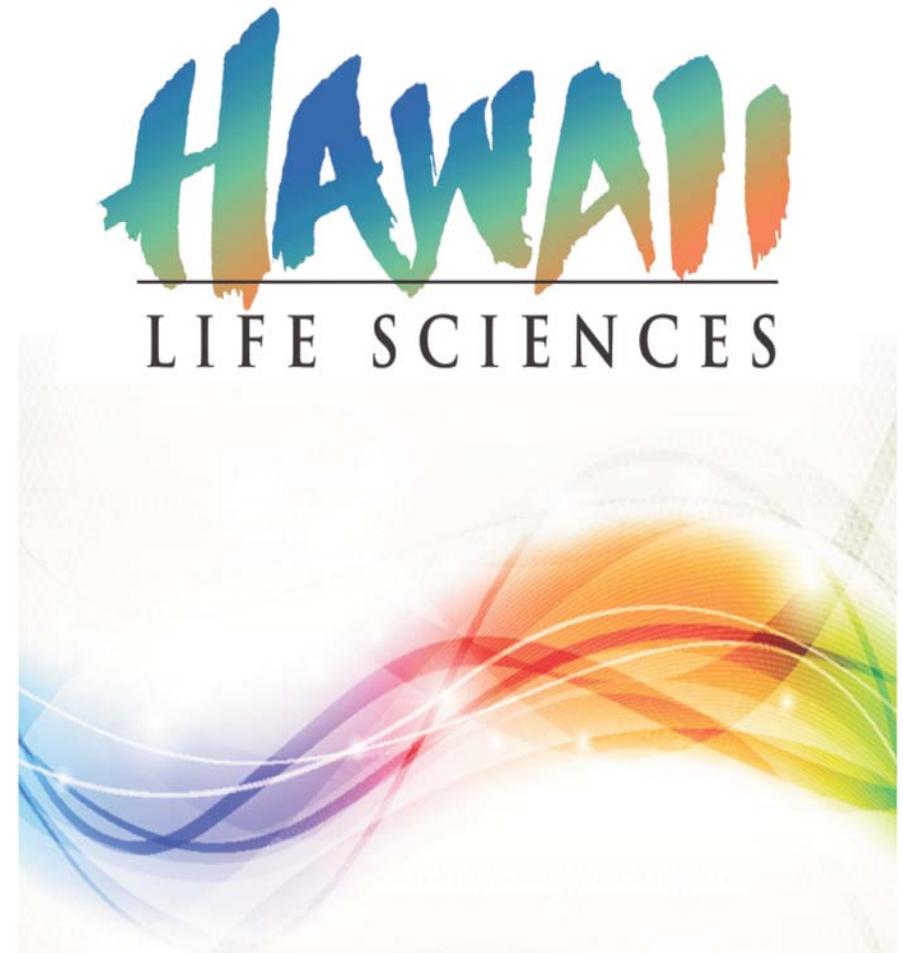




The Hawaii Pavilion at BIO 2016 is organized by the Department of Business, Economic Development and Tourism (DBEDT) and is funded in part by the U.S. Small Business Administration (SBA) State Trade Expansion Program (STEP) Grant. The Hawaii Pavilion at the 2016 BIO International Convention is part of a series of initiatives DBEDT has undertaken to increase the export of Hawaii's products and services.

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2016 BIO International
June 6-9, 2016, San Francisco

Come discover life sciences innovation in the islands of opportunity

The Hawaii Pavilion represents Hawaii Life Sciences, a network of collaborators bringing together life sciences companies, research organizations, entrepreneurs and supporters building the life sciences industry in Hawaii.

Hawaii companies and research institutes are involved on the leading edge of research in the life sciences including: Current vaccine candidates in clinical or pre-clinical development target:

Zika virus, West Nile virus, Tick borne flaviviruses, Crimean-Congo hemorrhagic fever virus, Chikungunya virus

Drug development by repositioning FDA-approved compounds for new therapeutic indications in Autoimmune Disease and Cancer

Medical imaging technology dedicated to bringing razor sharp clarity to MR imaging

Custom automated microfluidics and imaging platforms for cell biology and embryology researchers; breakthrough 3D light microscope with the flexibility and multiple features of a universal microscope

Groundbreaking programs at the University of Hawaii Cancer Center, Hawai'i Center for AIDS (HICFA), and the John A. Burns School of Medicine

New technology incubator for start-ups focusing on geriatric and disability-related research and development

State of Hawaii Department of Business, Economic Development and Tourism

P.O. Box 2359

Honolulu, Hawaii 96804

Tel: (808) 587-2750

invest.hawaii.gov/exporting/life-sciences-industry-in-hawaii/

The Business Development & Support Division (BDSD) of the Hawaii Department of Business, Economic Development and Tourism (DBEDT) promotes industry development and economic diversification by supporting existing and emerging industries in Hawaii and by attracting new investment and businesses to the state. Some of BDSD's statewide programs include: Hawaii State Export Expansion Program; the Business of Exporting Accelerator; Hawaii State Pavilions at various industry trade shows in the U.S. and abroad; Small Business Fairs; the Micro-loan and Grant programs for community-based businesses and organizations; Enterprise Zone program designed to assist economically-disadvantaged areas of the state; and the Community-based Economic Development (CBED) Accelerator. Learn more about the Business Development & Support Division of DBEDT at: <http://invest.hawaii.gov/>.



pioneering work in human fertility, human heredity, comparative genetics, evolution theory, infectious disease, pharmacology, and cross cultural psychiatry, among other fields. More recently, JABSOM has made contributions in AIDS, in Kawasaki’s Disease, and the epidemiology of heart disease. For the last three years, JABSOM has ranked #1 in National Institutes of Health research awards among community-based public medical schools (i.e., public medical schools without a university hospital). JABSOM laboratories pursue investigations of local concerns, such as VOG (volcanic haze containing sulfur particles and gasses) and jelly fish stings, and are part of the global search for deeper understanding, and better treatments, for the most common and devastating disorders including heart disease, cancer, diabetes, dementia, and HIV/AIDS. JABSOM faculty members are successfully building an exciting basic, clinical, and translational research capacity that will benefit from our special location, our multiethnic population, and our growing cadre of nationally recognized scientists.

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The following are this year’s exhibitors in the Hawaii Pavilion at BIO 2016. For more information on Hawaii Life Sciences go to <http://hawaiilifesciences.net/>.

CyThera Pharmaceuticals, Inc.
 2800 Woodlawn Dr. Suite 101
 Honolulu, Hawaii 96822
 Tel: (808) 366-3111
 www.cytherapharm.com

CyThera Pharmaceuticals, Inc. is a drug development company repositioning FDA-approved drugs for new therapeutic indications in autoimmune disease and cancer. The company's core competency centers on compounds screened against ion channel proteins. Based on patented technology, the company is developing a topical cream that is predicted to resolve psoriatic skin lesions. The same technology is being developed as a pill to fight Multiple Sclerosis and Rheumatoid Arthritis.



Cancer Institute. The Center's purpose is clear: develop new strategies for discovery, drive findings into clinical practice and deliver the optimal outcome when a patient is faced with the prospect of treatment and recovery.

Research areas of focus include epidemiology, molecular carcinogenesis, prevention methods, quality of life in cancer survivors, new therapeutic approaches to cancer treatment, and community-based interventions to promote cancer preventive lifestyles in the state's multi-ethnic population. Currently, the Center is conducting more than 100 cancer research projects in four interdisciplinary programs. The **UH Cancer Center** together with its clinical partners, The **Queen's Medical Center**, **Hawaii Pacific Health**, **Kuakini Medical Center** and **UH Manoa's John A. Burns School of Medicine** form the UH Cancer Consortium, an alliance of the state's leading healthcare organizations united in our common goal of eliminating cancer through science.



John A. Burns School of Medicine (JABSOM)

The John A. Burns School of Medicine (JABSOM) at UH is the largest biomedical research facility in Hawaii and one of the leading medical education institutions in the United States. Advanced medical and biomedical research at JABSOM has received international recognition for

universities for federal research funding in science and engineering – averaging \$333 million over the past five years. Internationally, UH Mānoa is ranked between 101-150 on the Jiao Tong 2012 Academic Ranking of World Universities. In 2013, UH Mānoa was elected to membership in the Association of Pacific Rim Universities, a leading consortium of 45 premier research universities in the region. It is one of only a handful of land-, sea- and space-grant universities in the United States.

Recently, UH Research has taken on a greater role to help diversify the state's economy through the Hawai'i Innovation Initiative. The University of Hawai'i has partnered with the Hawai'i Business Roundtable to help leverage its research to create and attract new companies, cultivate talent for a knowledge-based economy and encourage the development of future technologies. The common goal is to build a thriving research enterprise that will be driven by the growth of new industries including a robust advanced manufacturing community in Hawai'i, fueled by UH's plans to aggressively commercialize its research and to employ and develop top researchers in several focus areas over the next decade.



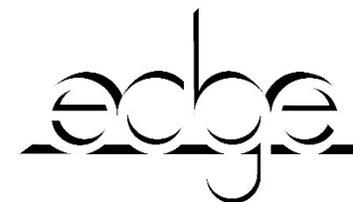
UNIVERSITY OF HAWAII
CANCER CENTER

UH Cancer Center (UHCC)

The UH Cancer Center is one of only 69 research organizations in the country designated by the National

Edge-3D, Inc.

P.O. Box 792169
Paia, Hawaii 96779
Tel: (808) 344-5954
www.edge-3D.com



Edge is innovating 21st century 3D microscopes for research, industry, medicine and education. Our objective is to improve visualization of the microscopic world by dramatically expanding depth of focus and by making microscope images visible in three dimensions. By offering exceptional 3D microscopes for affordable prices Edge is providing powerful and easy to use systems to solve modern problems.

The main reason that customers buy microscopes is to observe and record detailed information about the things they investigate. Why 3D? Because 3D provides more accurate information. Edge microscopes allow scientists to visualize specimens 10 to 20 times thicker than conventional microscopes; this enables the observer to perceive an entire three-dimensional volume, thereby providing more complete information. 3D microscopes can provide an order of magnitude more information than 2D microscopes. Most importantly, Edge 3D microscopes significantly reduce misdiagnoses, and increase productivity.

Hawaii Biotech

650 Iwilei Road
Suite 204
Honolulu, Hawaii 96817
Tel (808) 792-1399
www.hibiotech.com

Hawaii Biotech, Inc. (HBI) is focused on the research and development of vaccines for established and emerging infectious diseases. The company has developed proprietary expertise in the production of recombinant proteins applicable to the development of safe and effective vaccines. Current vaccine candidates in clinical or pre-clinical development target the Zika virus, West Nile virus, Tick borne flaviviruses, Crimean-Congo hemorrhagic fever virus, and Chikungunya virus. HBI's drug development activities are focused on small molecule drugs that block intracellular and extracellular bacterial toxins. Product opportunities include anti-toxin drugs for the lethal factor from *B. anthracis* and the botulinum toxin from *C. botulinum*. The company also partners its proprietary saponin adjuvant for vaccine development.

HAWAII BIOTECH

University of Hawaii Research and Innovation

Office of Technology Transfer and
Economic Development
2425 Campus Road, Sinclair 10
Honolulu, Hawaii 96822
Tel: (808) 956-9035
<http://www.hawaii.edu/research/>



Research conducted by the **University of Hawai'i (UH)** impacts the quality of life in the islands and around the world. Because of Hawai'i's tremendous geographic diversity that encompasses erupting volcanoes, frozen summits, tropical rain forests and the deep ocean, UH research is equally as diverse with its world-renowned research programs in astronomy, earth and ocean sciences, medicine and tropical agriculture. Cutting edge research facilities like the Daniel K. Inouye Center for Microbial Oceanography: Research & Education, Institute for Biogenesis Research, John A. Burns School of Medicine, UH Cancer Center and the soon-to-be constructed permanent home for the Daniel K. Inouye College of Pharmacy at the University of Hawai'i at Hilo and the soon-to-be completed Daniel K. Inouye Advanced Technology Solar Telescope on Maui, provide UH researchers with the necessary tools to conduct competitive research in science and technology.

The University of Hawai'i's flagship campus, the **University of Hawai'i at Mānoa (UH Mānoa)**, is classified by The Carnegie Foundation as a research university producing "very high" research activity. It is also ranked by the National Science Foundation as one of the top 30 public

KinetiCor, Inc.

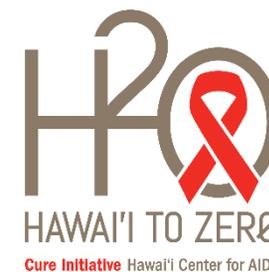
4348 Waiialae Avenue #571
 Honolulu, Hawaii 96816
 Tel: (808) 366-0333
 www.kineticor.com

KinetiCor is a medical imaging company dedicated to bringing razor sharp clarity to MR imaging. The company's goal is to become the market leader in providing the most advance and cost effective Prospective Motion Correction Technologies to the healthcare industry. KinetiCor is working with the world's top researchers in MR motion correction technology to stay at the leading edge of this field. KinetiCor's patented prospective motion correction optical imaging technology delivers unparalleled performance to fully optimized MR imaging.

**Hawaii to Zero Cure Initiative – Hawaii Center for AIDS**

650 Iwilei Road
 Suite 204
 Honolulu, Hawaii 96817
 Tel (808) 792-1399
 www.hibiotech.com

The Hawaii to Zero (H2O) HIV Cure initiative is groundbreaking program of the Hawai'i Center for AIDS (HICFA) which is part of the University of Hawaii John A. Burns School of Medicine School of Medicine. The H2O initiative proposes to transform Hawaii into the first HIV-free state in the United States. HICFA is an academic program with clinical, translational, and laboratory research studies focused on HIV infection with a clinic providing care to HIV infected individuals. HICFA includes the Hawai'i AIDS Clinical Trials Unit (HACTU), the Laboratory of Molecular Immunology and Infectious Diseases (LMIID) and the Clint Spencer Clinic. HICFA participates in clinical research supported by a variety of sources including the National Institutes of Health, which supports the HACTU, NeuroAIDS, HIV Cure related studies and other research initiatives within HICFA. Additional research is supported by private foundations or companies.



HNU-NanoPoint

350 Ho'ohana Street
 Kahului, Hawaii 96732
 Tel: (808) 244-7800
www.nanopointimaging.com

HNU-nanoPOINT is a biotechnology company that provides custom automated microfluidics and imaging platforms to ground-based and space-based cell biology and embryology researchers. The high-throughput, remote-controlled and automated features allow long time-course experiments with multiple drug delivery options benefiting drug discovery, cancer biology, stem cell research, Assisted Reproductive Technologies (ART) research, and individualized cancer and stem cell therapies. HNU-nanoPOINT is proud to announce its SCORPIO-V BioChipSpaceLab platform for biological studies on board the International Space Station.

**HTDC Pacific Technology Institute on Aging**

Manoa Innovation Center
 2800 Woodlawn Drive, Suite 100
 Honolulu, Hawaii 96822
 Tel: (808) 539-3806
<http://www.htdc.org/>



The High Technology Development Corporation (HTDC) provides key resources to develop and retain technology industries in Hawaii.

The Pacific Technology Institute on Aging is an initiative of HTDC establishing a technology park in Hawaii focusing on geriatric and disability-related R & D and manufacturing. Senior citizens are the country's fastest growing population segment, and in order to meet the healthcare needs of this group, more technology and innovation are necessary to develop new healthcare solutions including products, services and facilities.

HTDC is seeking companies in such areas as medical sciences, biomechanical engineering, personal medical device technology and tools for the aging and disabled. Nutrition, drug therapies, medical devices, and new wellness techniques are some of the innovations needed to improve the quality of life for this growing senior population.

Hawaii has the fastest growing aging population in the U.S. making it a prime location for research, clinical trials and product testing.