



California Biotechnology Foundation

NEWS UPDATE

News and Information from California's Biotechnology Leaders

California Biotechnology News Update

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Biotechnology Medical Breakthroughs

California Biotechnology: Fast Facts

California biotechnology companies have nearly 900 new medicines and devices in the research and development pipeline that will revolutionize healthcare throughout the world.

Scientists Believe they Found a Cure for AIDS/HIV

Experts from the University of Southern California have discovered a way to avoid HIV infection. According to a study published in the journal "Nature Biotechnology," scientists have managed to create cells in mice immune to the virus causing the disease. They reported that if these cells could be developed in humans, the pathogen will be controlled. [Read more](#)

Abbott Laboratories' HIV Test Gets FDA Approval

The FDA said it approved an Abbott Laboratories' test that can detect HIV infections before patients develop antibodies against the virus. The diagnostic test, which could be unveiled by the end of the year, was also approved for use in pregnant women. [Read more](#)

Hope Against Hepatitis C

New medicines are being developed that are expected to transform the care of patients with hepatitis C, making treatment far more effective and far less grueling. [Read more](#)

Amgen's Bone Cancer Drug Denosumab Gets Priority Review Designation From FDA

The FDA has granted priority review designation to Denosumab for the treatment of bone cancers to reduce skeletal related events in patients with cancer. Priority review designation is granted to drugs that offer major advances in treatment, or provide a treatment where no adequate therapy exists. [Read more](#)

UCSD Researchers Suppress Embryonic Stem Cell Tumors

UC San Diego researchers have identified a signaling pathway necessary for stem cells to replicate endlessly; Scientists have discovered a way to inhibit the susceptibility of human embryonic stem cells to form tumors. [Read more](#)

Biotechnology Economic Contributions

California Biotechnology: Fast Facts

California is home to more than 2,000 biotechnology companies which generate nearly \$75 billion in revenue annually.

Worldview Scorecard Provides Provoking Framework to Reflect On Biotech Related Activities in the Nation, the State and the Region

The Scientific American Worldview Scorecard ranks the leading countries according to their capacities to develop biotechnology. The U.S scored collectively higher than all other nations based on five criteria but attention and support are needed in California to maintain its long-term position. [Read more](#)

Nine Bay Area Companies On Fortune's Fast 100

Nine Bay Area companies made Fortune magazine's annual ranking of the 100 fastest-growing companies in the country including two California-based biotechnology companies, Thoratec and Gilead Sciences. [Read more](#)

Biotechnology Workforce Development

California Biotechnology: Fast Facts

California's biotechnology industry provides jobs to more than 276,000 Californians.

Biotech Teams up with Local Colleges to Provide Career Opportunities

The biotech industry is one of the biggest employers in San Diego, and several local colleges are hoping to take advantage of its job opportunities. [Read more](#)

California Biotechnology Foundation Program Sponsor Spotlight

Johnson & Johnson

Every day, millions of people around the world enjoy the benefits of products from the Johnson & Johnson Family of Companies. The world-wide healthcare leader supports more than 250 operating companies located in some 60 countries. The Johnson & Johnson Family of Pharmaceuticals Companies makes treatments for an array of medical conditions, such as neurological conditions, blood disorders, autoimmune diseases and pain. Its medical devices and diagnostics businesses provide doctors, nurses and hospitals with the technologies they need to restore the joys of life to people who suffer from some of the world's most pervasive and chronic conditions. Its consumer segment makes over-the-counter medications and products for baby, skin, and oral care, as well as first aid and women's health.

The Johnson & Johnson Family of Companies is an outstanding corporate citizen here in California. More than a dozen Johnson & Johnson operating companies have locations and/or facilities located in the state, employing thousands of Californians. In addition, the Johnson & Johnson Patient Assistance Foundation, Inc. and local operating companies provided more than \$25 million in pharmaceutical patient assistance program support and other charitable contributions in the state during 2009. A sample of these California-based companies and initiatives includes:

Johnson & Johnson Pharmaceutical Research & Development, LLC is located in the heart of San Diego's biotech cluster and creates innovative, high-value medicines to treat unmet medical needs for patients around the world. The company's expertise spans a variety of therapeutic areas including inflammation, immunosuppression, inflammatory pain, central nervous system disorders and metabolic diseases. For more information visit www.jnjpharmarnd.com.

Johnson & Johnson Diabetes Institute, LLC is located in Milpitas and trains health professionals with state-of-the-art tools, information and resources so they can help to improve the quality of life for people with diabetes in their communities. In the United States, and other countries around the world, the institute offers a customized curriculum of classroom instruction and training on the latest practice standards, new technologies and reimbursement solutions designed by a faculty of nationally recognized diabetes experts. For more information visit www.jjdi.com/index.html.

Biosense Webster, Inc. has facilities in Baldwin Park, Diamond Bar and Irwindale and is a recognized worldwide leader in the science behind the diagnosis and treatment of cardiac arrhythmia (fast heartbeat). For more information visit www.biosensewebster.com/.

Johnson & Johnson Campaign for Nursing's Future is a nationwide campaign in support of the nursing profession. Working with health care leaders and nursing organizations like the National Student Nurses Association, National League for Nursing, American Nurses Association, American Organization of Nurse Executives, and Sigma Theta Tau International, Johnson & Johnson hopes to bring more people into nursing, develop more nurse educators, and retain the talent already in the profession. For more information visit www.discovernursing.com/jandj.aspx.

RxeSEARCH: An Educational Journey (In partnership with PhRMA, the Museum of Contemporary Science, and other pharmaceutical companies) teaches students about the process of discovering a new medicine. It is an integrated learning model encompassing science, mathematics, communications, and societal and government issues. For more information visit www.jnjpharmarnd.com/jnjpharmarnd/rx-search.html.