



BIOTECHNOLOGY

Link to EDP4 Biotechnology Industry Profile: www.edpa.org/docs/biotech-industry-profile.pdf

Link to the 2008 Alabama Biotech Report from the national Biotechnology Industry Organization:

http://www.bio.org/local/battelle2008/AL_bio_08.pdf

Link to Map of Biotech Industries in Alabama: www2.dir.state.al.us/workforcedev/maps/Biotech.pdf

ALABAMA PARTNERSHIP FOR BIOTECHNOLOGY RESEARCH

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MISSION

The Partnership for Biotechnology Research is an alliance of industrial, academic and government organizations with the primary goal of creating a productive research and entrepreneurial environment for area biotechnology endeavors through education, consolidated business resources and networking opportunities.

OVERVIEW

The Partnership for Biotechnology Research (PBR), a not-for-profit organization, catalyzes and supports the biotech entrepreneurial and educational efforts in Huntsville, Ala. Through quarterly events, PBR features national speakers and highlights local research efforts. Activities focus on developing the current and future biotech workforce.

Established in 2003, PBR now consists of over 250 people from Greater Huntsville. Members of PBR range from biotech leaders and employees, to university students and faculty, and also include a wide range of service and support providers. The energy and enthusiasm for biotechnology in Huntsville demonstrated by PBR helped secure confidence in the creation of the Hudson-Alpha Institute for Biotechnology.

PROGRAMS AND SERVICES

- PBR's website, www.alpbr.org, serves as an online community with local biotech press releases, details of PBR's events and activities, a photo gallery and a local job posting and resume posting site.
- PBR Activities and Events: Through four major events yearly, PBR features speakers from around the nation and highlights local research efforts. Along with hosting regular meetings to educate the public about biotechnology, PBR has made great strides in creating more opportunities for people interested in pursuing a career in biotechnology. Led by a volunteer Steering Committee of local entrepreneurs, professors and biotechnologists, PBR has entrenched itself in biotechnology outreach programs in the greater Huntsville area.

PBR events and activities are made possible through the support of its sponsors: The Hudson-Alpha Institute for Biotechnology (HAIB), The Alpha Foundation, Open Biosystems, UBS, Bradley Arant, New Millennium Technologies, Operon Biotechnologies, Nektar, and Radiance Technologies

- Charger Products: Designed to complement the UAH Biotechnology PhD program and developed with local biotechnology companies, Charger Products provides training for graduate students in the areas of product development, marketing and manufacturing of specified products, which are then sold on the open market.
- APPLE for the Teacher: Offering local teachers support in the preparation and execution of biotechnology labs, Advanced Placement Partnership for Learning Enhancement (APPLE) strives to enhance instruction of biotechnology concepts to high school students and promote interaction between students and local biotechnologists.
- Additional PBR community involvement includes: sponsoring participants of the Sally Ride Festival in Huntsville, working with Sci-Quest (Greater Huntsville's hands-on science museum) to develop biotechnology-related exhibits and programs, and updating the PBR website to provide an active online social network for the local biotechnology community.

BIOTECHNOLOGY ASSOCIATION OF ALABAMA (BAA)

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MISSION

The Biotechnology Association of Alabama (BAA) exists to help its members through building a favorable environment where bio related businesses and academics can flourish and grow together.

VISION STATEMENT

The Biotechnology Association of Alabama sees great opportunity in taking advantage of Alabama's strong bio assets to build a future that puts the State in a leadership position in the nation and the world in diagnosing, treating and curing human and animal diseases while keeping our environment cleaner and safer.

OVERVIEW

The Biotechnology Association of Alabama is a statewide organization representing Alabama's bio related industries, research scientists, clinicians and business professionals who are working together to foster, develop and support the life sciences in Alabama.

PROGRAMS AND SERVICES

BAA offers events, programs, and member benefits designed to enhance the progress of the industry and its members. The Association's focus is on the facilitation of partnerships among institutions and companies to further the development of a premier biotech cluster in Alabama and to serve as an effective and persuasive voice for BAA constituents.

HUDSON-ALPHA INSTITUTE FOR BIOTECHNOLOGY (HAIB)

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OVERVIEW AND MISSION

The Hudson-Alpha Institute for Biotechnology (HAIB), a not-for-profit research organization, bridges bioscience research and entrepreneurship to expedite delivery of personalized medicine. HAIB's mission is to use biotechnology to improve human health, stimulate economic development and inspire Alabama's youth to seek careers in science.

VISION

The Institute's vision is of a world-class center that will translate the results of the Human Genome Project into individualized therapies for diseases while providing a bridge between bioscience and entrepreneurship, thereby expanding biotechnology in the Southeast.

GOALS

- To develop high-throughput research tools that focus on why disease occurs and to rapidly apply this knowledge to help patients.
- To establish a biotechnology campus that will be a synergistic cluster of researchers and entrepreneurs.
- To educate the students, teachers and citizens of Alabama to the benefits of biotechnology.
- To enhance Alabama's reputation, economic status and educational resources.
- To facilitate the sharing of intellectual and physical resources to the benefit of the entire State.
- To provide the challenging and rewarding job opportunities required for our best and brightest to remain in Alabama.
- To connect the state's strength in basic and clinical research with the institute's high throughput approach and entrepreneurial environment.
- To inform and inspire teachers, professors and students through summer biotech camps and distance learning programs.
- To help found, nurture and grow Alabama biotechnology firms by providing a supporting, entrepreneurial environment.
- Hudson-Alpha believes a self-governed institute, affiliated with major research institutions, will provide the energy, inspiration and creative atmosphere to accomplish these goals and objectives.