

# **Bindley Bioscience Center Encourages Collaborations with Industrial Partners**

## **Industry Partners**

The Bindley Bioscience Center encourages participation of industry in research and commercialization efforts. The Bindley serves as an entry point for industrial collaborators seeking access to Purdue life sciences programs and investigators. Our operating principles include flexibility, customer-orientation, entrepreneurship, and integration to facilitate industrial collaboration and provide access to the wide array of University infrastructure, personnel, and research projects. Interactions can include recruiting, training, access to specialized equipment and expertise, advice and consultation, internships for Purdue students, institutional purchasing strategies, and philanthropy.

## **External Engagement Activities to Promote Technology Commercialization**

The Bindley Bioscience Center (BBC) serves as a conduit and facilitator for engagement in life sciences economic development initiatives in the region. Examples of key areas for generation and development of intellectual property in the Bindley and Discovery Park include:

- Research Tools for Proteomics and Metabolomics Analyses
- Nanomaterials Development and Integration of Biology and Nanotechnology
- Cytomics and Cell-Based Analytical Technologies
- Life Sciences Informatics Tools and Systems
- New Measurement Tools and Integrated Devices for Use in Diagnosis
- Methods and Detection Tools for Improving Bioprocess Manufacturing
- Engineered Tissue Products for Regenerative Medicine
- New Technologies for Drug Discovery

## **Creating New Ventures**

Economic development and the creation of new jobs is a cornerstone for the Bindley business model. The Center has made important contributions to the emergence and success of startup companies that create high-paying new jobs and support economic development. Purdue's Office of Technology Commercialization (OTC), operating out of the Purdue Research Foundation, works closely with the Bindley to accelerate technology and product commercialization from life sciences projects.

The BBC and OTC enable and accelerate commercialization of innovation with early identification of commercialization opportunities, faculty and staff training programs to promote entrepreneurship, and active engagement of investors, corporate executives and governmental representatives.

## **INTELLECTUAL PROPERTY / COMMERCIALIZATION**

Discovery Park Technology Transfer works closely with the Bindley Bioscience Center to accelerate technology commercialization and promote Discovery Park's economic development mission and to accelerate commercialization from invention/innovation to market. Corporate partners can participate to leverage assets of the University (including intellectual assets), streamline intellectual property portfolios and to facilitate due diligence activities.

**For more information, please contact:**

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**Discovery Park Technology Transfer**

Burton D Morgan Center for Entrepreneurship (<http://discoverypark.purdue.edu>)

Office of Technology Commercialization (<http://www.prf.org/otc>)

Available technologies website (<http://www.prf.org/otc/ipp/>)

## **Partnership Opportunities**

### **Corporate Technology Partners:**

- Basic and applied sponsored research to support new product development.
- Cooperative development of technology and instrumentation. Product beta-testing.
- Development of methods and standard operating procedures for corporate processes.
- Research collaborations for both commercial and academic granting opportunities.
- Implementation of Purdue innovation to current product offerings

- Development of mass spectrometry and chromatography technologies for better utilization in biological studies and for high throughput approaches.
- New information management systems to incorporate high volume biological information from analytical instrumentation to diverse databases.
- Drug discovery technology to explore biological diversity and the selection of molecules with desired drug-like properties.
- New approaches of tissue analysis based on high information content assays linked to real-time data management.