

# **Newsletter** Office of Sponsored Programs (OSP)

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(787) 758-2380

Information disseminated by the Division of Sponsored Programs Development (DSPD), Ext. 1749.

**To: Life Science Community in Puerto Rico**

**SUBJECT: Research and Technology Licensing Opportunities with PRAXAIR, Inc.**

The Puerto Rico SBTDC's Center for Technology Development & Commercialization wants to share with you a list of opportunities for research collaboration and/or technology licensing, recently received from PRAXAIR, Inc.

PRAXAIR is a global Fortune 300 Company, a supplier of atmospheric, process and specialty gases. Their recently formed Biopharmaceutical group uses technical competence in atmospheric gas technologies to address biologic and pharmaceutical manufacturing problems.

As such, the PRAXAIR, Inc is interested in novel research tools and technologies that facilitate drug manufacturing processes in the following areas:

<b>Basic Research</b>	<b>Applied Technologies</b>
Atmospheric design and control	Lyophilization
Phase transformations	Manufacturing scale fermentation and cell culture
Protein separation and purification	Cryopreservation
Gas-liquid mixing and dissolution	Particle production and size control
Heat transfer	Process scale-up
Control of atmospheric micro-environments	Sterilization and sanitization
Cryogenics	

Should you have a technology licensing candidate or a potential research project within these areas, fill out the enclosed form with your non-confidential information and send it to Ms. Elizabeth Anne Smith, Ph.D., Senior Manager Business Development, Praxair, Inc. ([Elizabeth\\_Smith@praxair.com](mailto:Elizabeth_Smith@praxair.com)).

Should you need assistance to fill out the form you may contact Mr. Francisco Diaz, Technology Development Consultant, PR SBTDC at 787-763-6811 x.227.

We also encourage you to submit a copy of the form to us at [gmarquez@prsbtdc.org](mailto:gmarquez@prsbtdc.org) to keep track of potential projects and gauge the success of these interactions between the local science community in Puerto Rico and potential research partners from the pharmaceutical industry.

Cordially,  
Gilberto Márquez  
Associate Director  
Puerto Rico Small Business and  
Technology Development Center (PR SBTDC)