

**MEMORANDUM OF UNDERSTANDING
BETWEEN
BIOMANUFACTURING TRAINING AND EDUCATION CENTER (BTEC)
NORTH CAROLINA STATE UNIVERSITY
AND
UNIVERSITY OF PUERTO RICO AT MAYAGUEZ**

This **Memorandum of Understanding** (hereafter "MOU"), effective of the date last signed, is by and between North Carolina State University on behalf of its Biomanufacturing Training and Education Center (hereafter "BTEC") with its principal offices at Golden LEAF Biomanufacturing Training and Education Center, 850 Oval Drive, Suite 195, Raleigh, NC 27606 and the University of Puerto Rico at Mayagüez (hereafter "UPRM"). The main contact for this interaction will be the Industrial Biotechnology Program at UPRM with its principal offices at 214 A Physics Building, PO Box 9010, Mayagüez, PR 00681-9010, each of which may be referred to as "Party" or collectively as "Parties".

WHEREAS, BTEC is an academic leader in bioprocessing and biomanufacturing with a rapidly growing program; and

WHEREAS, UPRM is an emerging leader in bioprocessing and biomanufacturing; and

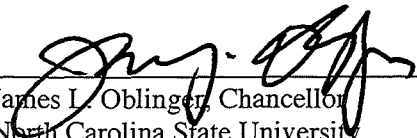
WHEREAS, the Parties wish to memorialize the mutual understandings and intentions with regard to pursuing a long-term strategic partnership;

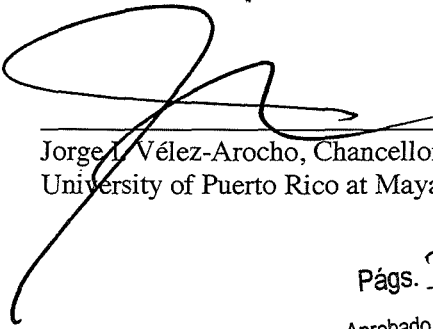
NOW, THEREFORE, in consideration of the promises herein made, the Parties recite the following:

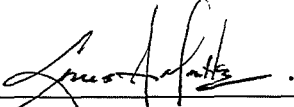
1. The Parties will develop a strategic partnership in bioprocessing and biomanufacturing education in order to cooperatively build upon the complimentary strengths of BTEC and UPRM in a synergistic manner.
2. The partnership in bioprocessing and biomanufacturing education will include, but not be limited to:
 - a. Collaborative Fellowship grants
 - b. Faculty exchanges
 - c. Student exchanges
 - d. Cooperative dissemination of curricular materials and courses
 - e. Collaborative research proposal submissions.
3. The partnership will be announced on the 21st day of March 2009, in Mayagüez, Puerto Rico.
4. The Parties will meet annually on a rotating basis at the two universities to optimize and ensure the growth of the partnership.
5. Professor Rubén Carbonell will be the primary contact for BTEC to facilitate the development of the partnership.
6. Professor Lorenzo Saliceti will be the primary contact for UPRM to facilitate the development of the partnership.
7. This agreement does not create any financial obligations for either of the Parties. Such obligations and specific performance of activities will be agreed upon in individual contracts.

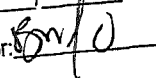
8. This MOU shall remain in effect for a period of five (5) years, unless extended by mutual agreement, or until replaced by superseding agreements(s) or written notice of cancellation is provided by one of the Parties to the other, whichever occurs first.

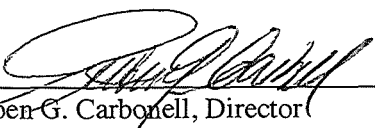
The undersigned approve this agreement on this 3 day of March 2009.


James L. Oblinger, Chancellor
North Carolina State University


Jorge A. Vélez-Arocho, Chancellor
University of Puerto Rico at Mayagüez


Louis Martin-Vega, Dean
College of Engineering, NC State University

Págs. 2 / 1
Aprobado por: 


Ruben G. Carbonell, Director
Biomufacturing Training and Education Center
(BTEC), NC State University