

# BioSciConcepts Training Newsletter

*We Excite...*

March 1, 2006

## Scientific Training Newsletter Vol. 1, Issue 1

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## 2006 Workshop Schedule

Introduction to  
Molecular Biology  
April 12-14  
August 8-10  
October 24-26

Introduction to  
Protein Expression  
May 10-12  
November 8-10

Introduction to  
PCR  
May 22-24  
August 16-18  
November 28-30

Introduction to Cell  
Culture 3-Day  
April 19-21  
October 10-12

Introduction to Cell  
Culture, 4-Day  
July 11-14

**NEW**  
Recombinant  
Baculovirus  
Techniques  
December 11-15

We're on the Web!

See us at:

[www.bioscienceconcepts.com](http://www.bioscienceconcepts.com)

## BioTechnical Institute changes the name of its workshop program to BioSciConcepts

Since 2001 BioTechnical Institute of Maryland, Inc. (BTI) [www.biotechmd.org](http://www.biotechmd.org) has offered scientific workshops in cell culture and molecular biology. We have trained over 500 scientists from more than 50 academic, industrial and government institutions from the U.S. and Canada. Those attending workshops have found them extremely valuable for upgrading skills and increasing productivity.

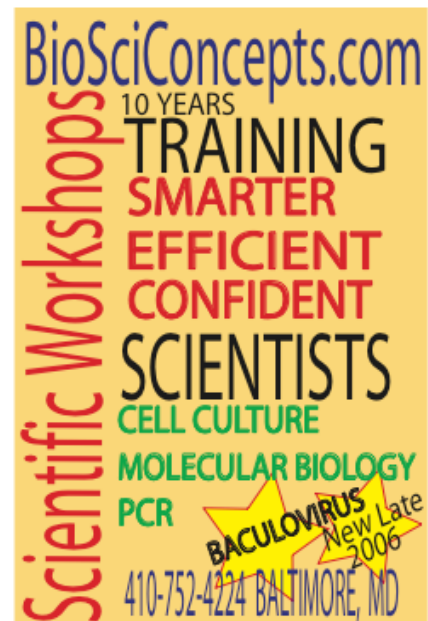
To better serve our customers, we are committing more resources to our training curriculum and classes. *The name of BTI's workshop program has been changed to BioSciConcepts.* The important mission of BTI and its non-profit programs (see article on next page) are supported in part from the workshop revenue generated by BioSciConcepts. Our workshop web site is [www.bioscienceconcepts.com](http://www.bioscienceconcepts.com) our phone number is still 410-752-4224.

**New Baculovirus Workshop for 2006** This 5-day workshop is great for those wanting to express recombinant protein in the baculovirus expression vector (BEV) system. We will cover the growth of insect cells, plaque assays, titrating, amplification of recombinant virus and protein expression strategies. As usual, this class is for those at all levels of expertise, although basic molecular biology and recombinant DNA experience is preferred. The class will contain both laboratory and lectures. The date for this workshop is December 11-15. For more content information contact our website [www.bioscienceconcepts.com](http://www.bioscienceconcepts.com) or phone us.

**We Have Changed Our Web Site And Want Your Feedback** We want to better serve and reach our customers and need your help. Please go to our web site [www.bioscienceconcepts.com](http://www.bioscienceconcepts.com) complete our soon-to-be hyperlinked survey and learn more about our capabilities. We want to know the training topics you would like to see offered and obtain your feedback. Our website has been updated and we continue to add features. Look for special postings and events such as video podcasts on various laboratory topics, new courses and meetings we will be attending. If you see us at a meeting please stop by to say hello.

Look for a free workshop give-away sometime this year!

**BioSciConcepts Offers Students An Additional Day to Learn** In an effort to give our workshop attendees more options and learning choices, we are offering the option of an extra follow-up day when students can spend additional time with their instructor for one-on-one instruction in difficult areas or to help master additional techniques. This option is not part of the regular course content and occurs only for selected workshops. Students can call Timothy Fawcett (410-752-4224) to discuss their needs and inquire about space for these additional days during the following workshops:



See our ad in the March Biotechniques Magazine.

## Additional Day, continued

- Introduction to Molecular Biology, extra day August 11<sup>th</sup>, or October 27
- Introduction to Cell Culture, October 13th

**We Train for JHU Medical Schools Faculty and Staff For The 5<sup>th</sup> Year** BTI and BioSciConcepts are proud to continue our long-term relationship with Johns Hopkins Medical Schools as trainers for the outstanding faculty and staff in bioscience topics, such as recombinant DNA techniques, PCR, protein expression and cell culture. We are excited that this prestigious institution has found so much value in our scientific training programs.

## Our Cell Culture Workshops Are Perfect For Those Wanting To Learn Stem-Cell Protocols

If you are looking to get up to speed in basic cell culture techniques so you can move into stem-cell culture quickly and efficiently, then our cell culture workshop is the perfect solution. Our cell culture workshops will provide you with a strong foundation in the skill sets necessary to grow animal cells with confidence. Our 3-day cell culture workshops are April 19-21 and October 10-12, the 4-day cell culture workshop will be held once in 2006 on July 11-14. For workshop content and to register go to [www.bioscienceconcepts.com](http://www.bioscienceconcepts.com).

## Upcoming Issues Of The BioSciConcepts Training

**Newsletters** BioSciConcepts will publish this Workshop Training Newsletter four times a year to keep you informed about programs and new workshop offerings. In addition, we will be adding tips and tricks useful everyday in your molecular biology and cell culture laboratory work. Web site information about useful sites that will make your work more productive will be added regularly.

If you would like to subscribe to our newsletter, sign up using our mailing list hot link on our web site home page [www.bioscienceconcepts.com](http://www.bioscienceconcepts.com). We do not give your contact information out to others.

**About The BioSciConcepts Instructor** Timothy W. Fawcett, Ph.D., Director of BTI is responsible for the development and instruction of the BioSciConcepts workshops. Many of you know him as your instructor at the BioTechnical Institute of Maryland, Inc. Dr. Fawcett has significant experience delivering outstanding workshops in the U.S. and around the world. Prior to his position at BTI, Dr. Fawcett was a Senior Scientist at a major International biotech company, Senior Staff Fellow at the National Institutes on Aging. Tim's enthusiasm is contagious and his knowledge of the field deep. Students have gotten much out of his courses and find them very valuable and often come back for additional courses. Tim's students frequently take advantage that he is available, for questions on the topics learned, long after the workshop is over.

**About The BioTechnical Institute of Maryland, Inc.** BTI's mission is to train and place area residents, who are highly motivated high school graduates, in positions as skilled and reliable lab technicians and to provide a critically needed, prepared workforce to support the growth of this economically and scientifically important industry. BTI was established in 1998 and has developed a model to train adults with high school degrees who are often under or unemployed. Graduates of the program realize career opportunities that would not have been previously available to them. In addition to the technical curriculum required for placement in a lab, BTI's training includes critical employability skills and assistance in addressing social issues, both of which affect retention in class and on the job. More than 157 students have completed the Program. All receive internships as part of the completion requirements. These internships provide hands-on experience in a university or commercial lab or production facility, which is invaluable to the student's transition to professional employment. We are also excited that many of our graduates are eligible for credits at local community college partners bioscience programs. The placement rate of BTI graduates into professional positions in the bioscience industry within three months of completion is over 80%. And these graduates have been hired by over 27 organizations in Maryland; Johns Hopkins University alone employs about one quarter of the BTI graduates. We are very proud of our graduates. [www.biotechmd.org](http://www.biotechmd.org).

### Quotes from workshop participants:

"This is one of the most informative and beneficial classes I have taken so far, I highly enjoyed it."

"Great Instructor, very patient and informative, answers questions, all questions and makes the class very enjoyable."

## Exciting news about the BioTechnical Institute *of Maryland, Inc.* Scientific Workshop Programs

Newsletter

BioTechnical Institute of Maryland, Inc. &  
BioSciConcepts  
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## **We Are Going to Africa**

BioSciConcepts is going to Zambia in Central Africa to teach a PCR workshop at the Malaria Institute of Macha. More to follow.

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We're on the Web!

*See us at:*

[www.BioSciConcepts.com](http://www.BioSciConcepts.com)