

# 8TH ANNUAL PTI TRAINING PROGRAM

## FORMULATION AND PROCESS DEVELOPMENT FOR ORAL DOSAGE FORMS

A 5-Day Modular and Case Study Oriented Training Program

APRIL 23-27, 2012 - NASSAU INN - PRINCETON - NJ - USA

Attendees will receive **A FREE IPAD OR NETBOOK** loaded with pdf files of the presentations instead of printouts.  
A GROUP OF THREE OR MORE CAN RECEIVE A 10% DISCOUNT.

### SPEAKERS (Alphabetical Order):

Dr. Harry Brittain  
Dr. Metin Çelik  
Dr. Duksoon Choi  
Mr. Charlie Cunningham  
Dr. Linda Felton  
Mr. David Jones  
Dr. Waseem Malick  
Mr. Benjamin Murugesu  
Mr. Dilip Parikh  
Dr. Colleen Ruegger  
Dr. Navnit Shah  
Dr. Stuart Porter  
Mr. James Prescott  
Dr. Russ Somma  
Dr. Raj Suryanarayanan

**Program Description:** PTI, Inc. is pleased to offer this comprehensive training program for the fifth time. This is a pragmatic program that will be presented in a modular format and will deal with various aspects of those unit operations that are intended to produce pharmaceutical tablets. The modular format will allow participants to focus attention on key activities in which they are interested, as well as provide a broad overview of the key technical aspects associated with tablet development.

**Who Should Attend?** This is not intended to be an introductory program for individuals generally unfamiliar with the design and development of oral solid dosage forms. The program will thus be of greatest value to scientists that are currently involved with tablet formulation and process development, and who wish to gain a greater understanding of the key issues that are critical to the preparation of robust tablet dosage forms. Please bear in mind that one of the important features of this training program is that we intend to have a very fruitful, comprehensive, and interactive sessions in which, all participants will have ample opportunity to seek answers for the questions that they might have about the modular sessions of the day. In order to maximize the quality and utilizations of these sessions, we encourage every attendee to provide us in well advance with the questions that they seek answers about the sessions that they will attend. We will then pass these questions to the speakers prior to the event.

**Important Note:** Please note that there may be an inevitable change in the program (such as replacement of a speaker) due to any reason. In such a situation, we will spend every effort to keep the high standard of this program; however PTI Inc will not be hold liable for any consequences of such a matter. Please visit [www.pti-int.com](http://www.pti-int.com) for updated information.

### PROGRAM:

#### DAY 1. Monday, April 23, 2012

##### Module 1: Crystal Form of APIs

**Issues:** Solubility; polymorphism; processibility; stability

**Presenter:** Dr. Harry G. Brittain

##### Module 2: Preformulation

**Issues:** Physico-chemical & mechanical properties of APIs & excipients

**Presenters:** Dr. Navnit H. Shah & Dr. Duksoon Choi

##### Special Session: Formulation Development Strategies for Insoluble Drugs – Part 1

**Presenter:** Dr. Navnit H. Shah

#### DAY 2. Tuesday, April 24, 2012

##### Module 3: General Formulation & Process Development Guidelines

**Issues:** Formulation development strategies; selection of excipients; Impact of excipients on stability and bioavailability; defining potential processing steps; potential SUPAC & PAT related issues

**Presenters:** Dr. A. Waseem Malick & Dr. Metin Çelik

##### Module 4: Milling, Mixing and Flow

**Issues:** Materials, process, scale-up, trouble shooting, SUPAC and PAT related issues

**Presenters:** Mr. Benjamin K. Murugesu & Mr. James K. Prescott (TBC)

##### Special Session: Expert Systems and Databases

#### DAY 3. Wednesday, April 25, 2012

##### Module 5: Granulation

**Issues:** Materials, process, scale-up, trouble shooting, SUPAC and PAT related issues

**Presenters:** Mr. Dilip M. Parikh & Mr. David M. Jones (TBC),

##### Module 6: Compaction

**Issues:** Materials, process, scale-up, trouble shooting, SUPAC and PAT related issues

**Presenters:** Dr. Metin Çelik & Dr. Colleen E. Ruegger

##### Evening : A Night out - Dinner with participants

#### DAY 4. Thursday, April 26, 2012

##### Module 7: Film Coating

**Issues:** Materials, process, scale-up, trouble shooting, SUPAC and PAT related issues

**Presenters:** Prof. Linda Felton & Dr. Stuart C. Porter

##### Module 8: Technology Transfer

**Issues:** Materials, process, scale-up, trouble shooting, SUPAC and PAT related issues

**Presenter:** Dr. Russell F. Somma

##### Special Session: Formulation Development Strategies for Insoluble Drugs – Part 2

**Presenter:** Dr. David Goldman (TBC)

#### DAY 5. Friday, April 27, 2012

##### Module 9: Overview of Drug Delivery Technologies

**Issues:** An overview of and advances in Orally Disintegrating Tablets and Modified Release Dosage Forms

**Presenters:** Dr. Stuart Porter and Charlie Cunningham

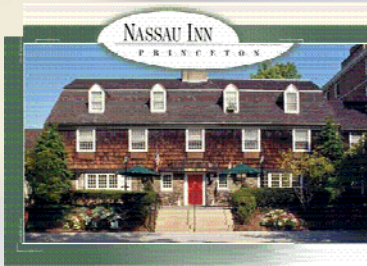
# REGISTRATION FORM

## 8<sup>th</sup> Annual Training Program

### Formulation & Process Development for Oral Dosage Forms

April 23 – 27, 2012, Nassau Inn, Princeton, New Jersey, USA

#### Accommodation:



The Historic Nassau Inn located in Princeton, New Jersey. Since 1756, the Nassau Inn has been a gathering place of distinction, well known for its gracious hospitality and elegant facilities. Shuttle Service is available between the Hotel and the Newark - NJ and JFK - NY airports (Call Nassau Inn at 1-609-921-7500 for the details). Visit [www.nassauinn.com](http://www.nassauinn.com) for further information.

#### Room Rates:

Guaranteed rate is **\$162.50** per night by **March 22, 2012**. Booking ID is PTI Conference. Note: The rate cannot be guaranteed after this date (Subject to change).

#### Methods of Registration:

##### By E-mail:

Fill out this page of the form and send it as an email attachment (in pdf format) to [training@pt-int.com](mailto:training@pt-int.com)

##### By Mail:

Fill out this form and send it to:

PTI Inc.

PO Box 186, Belle Mead, NJ 08502-USA

#### On-Line Registration:

**Step 1:** Visit [www.pt-int.com](http://www.pt-int.com)

**Step 2:** Click on the **Nassau Inn Meeting** button (which is just under the **Training Programs** button)

**Step 3:** Click on the **On-Line Registration** button.

#### Registration Cancellation Policy:

The amount of registration fee that will be withheld

upon cancellation will be as follows:

10% on/before February 10, 2012,

25% after February 10, 2012 and on/before March 2, 2012.

There will be no refund after March 2, 2012.

Substitution of individual participants will be permitted at any time.

**Attendees will receive a FREE IPAD or Netbook loaded with pdf files of the presentations instead of printouts.**

#### 10 % DISCOUNT FOR GROUP REGISTRATION OF 3 OR MORE!

Registration Fee and Free IPAD/Netbook Options			
	Fee	Before March 2, 2012	After March 2, 2012
<b>Per Person</b>	<b>\$ 3,150.00</b>	<b>Free IPAD</b>	<b>Free Netbook</b>
<b>Per person</b> (If 3 or more register per company at the same time)	<b>\$ 2,835.00</b>	<b>Free Netbook</b>	<b>Free Netbook</b>

Mr.  Ms.  Mrs.  Dr.  Prof.

Full Name: \_\_\_\_\_

Title: \_\_\_\_\_

Organization: \_\_\_\_\_

Department: \_\_\_\_\_

Address: \_\_\_\_\_

City/State//Code: \_\_\_\_\_ Country: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

#### Please select the payment method:

**USA:**  Credit Card  Check  Money Order  Purchase Order (by March 6, 2009)

**Other Countries:**  Credit Card  International Money Order  Electronic Fund Transfer

Checks, Money Orders, and International Money Orders should be made payable to PTI, Inc. In case of Electronic Fund Transfer, the confirmation of the details of the transaction must be sent to PTI Inc. by fax or e-mail. The details of the bank account information for Electronic Fund Transfer will be provided after receiving the registration form.

**Card Type:**  American Express  Visa  Master Card  Discover

**Card Number:** \_\_\_\_\_ **Exp. Date (mm/yy):** \_\_\_\_/\_\_\_\_

**Name on Card:** \_\_\_\_\_ **Card ID (CID):** \_\_\_\_\_

**NOTE:** CID is generally found on the back of your card in the signature area. Please note that for Visa or Master Card holders, the CID is the last three digits of the number given at the back of the card, and, for American Express card holder, it is a 4 digit number given at the front of the card.

**Billing Address:** \_\_\_\_\_

**City/State/Code:** \_\_\_\_\_ **Country:** \_\_\_\_\_

**Amount:** US \$ \_\_\_\_\_ **Signature (of Card Holder):** \_\_\_\_\_

Please check this box if there will be three or more people attending this program from your company.

**Please note that all payments must be received by PTI Inc. prior to March 2, 2012.**

#### For Further Information:

Visit [www.pt-int.com](http://www.pt-int.com) or contact Dr. Metin Çelik by phone (1-908-864-0555) or by e-mail ([Metin.Celik@pt-int.com](mailto:Metin.Celik@pt-int.com)) or [Training@pt-int.com](mailto:Training@pt-int.com)