

Topic of Seminar

Development of Formulations of Sensitive Drugs

The aim of formulation development is to convert active drug moiety into suitable dosage forms for their safe and compatible administration into the body. All dosage forms require careful study of the physical and chemical properties of drug substances to achieve stable and efficacious product. Formulation development is a challenging and time consuming process. The formulation scientists have to choose a set of parameters to obtain a safe and effective dosage form. This task is even more challenging for the development of formulation of sensitive drugs. It involves achieving acceptable performance in terms of stability, dissolution and other critical quality attributes. 'Sensitive' literally means quick to respond to slight changes. Formulations may be sensitive to moisture, oxygen and light for their stability. The main factors considered for formulation are thermal stability, aqueous and organic solubility, polymers, surfactants and solubilizers types, pH dependent invariability and solubilization etc.

There are enormous challenges in formulation development. Sound principles of formulation development, packaging and manufacturing strategies can help in developing robust formulations. The present seminar shall focus on strategies for formulation development of drugs that are sensitive from the perspective of stability. Emphasis would also be on the manufacturing procedures to be adopted for such formulations.

Experts from academia, industry and regulatory bodies shall deliberate on these issues with the help of case studies.

The following are some of the topics that shall be deliberated in the seminar:

1. Formulation development of unstable and sensitive drugs
2. Packaging of sensitive drug products
3. Facility and environment for manufacturing of sensitive drug products
4. Case studies of formulation of some of the sensitive drugs

Speakers

Eminent personalities from Industry, academia and regulatory (Dr Naresh Sharma, Deputy Drugs Controller (India) and Mr Sidharth Sahai Malhotra, DI, CDSCO, New Delhi,) shall deliver the lectures.

Registration Fee

- Rs 3000/- per delegate
- Rs 2000/- for SMPIC members
- Rs 800/- for students

The fee includes course material in the form of CD, lunch, refreshments, tea/coffee and excludes accommodation charges.

On-site Registration

The on-site registration desk will be open on the day of seminar from 8.30 am to 9.30 am. An additional fee of Rs. 500/- will be charged for on-site registration.



SEMINAR

ON

DEVELOPMENT OF FORMULATIONS OF SENSITIVE DRUGS



5th October, 2018

SMALL AND MEDIUM PHARMACEUTICAL INDUSTRY CENTRE

National Institute of Pharmaceutical Education and Research (NIPER)
Sector-67, Near PCA Stadium, S.A.S. Nagar-160062. (Punjab)
Phone: 0172-2292032, Fax: 0172-2214692, email: smpic@niper.ac.in

Registration Form

Name Prof./Dr./Mr./Ms

Designation

Institute/Organization

Address

Mobile No.

E-mail

Amount Paid for Registration

DD No. & Date

Registration Fee

Delegates	Rs. 3000/-
SMPIC Members	Rs. 2000/-
*Students	Rs. 800/-

The last date for Registration is 1st October, 2018

*Students are required to attach ID Proof
DD in favour of Director, NIPER, Payable at Mohali should be sent along with duly filled form.

About SMPIC

NIPER had successfully conducted 53 training programs under the World Bank sponsored "Capacity Building Project" in the years 2004 to 2008. These were meant for the technical staff from government testing laboratories, regulatory bodies, private testing laboratories and analytical as well as production staff from Small and Medium Pharmaceutical Industries (SMPs). Department of Pharmaceuticals, Government of India, announced the setting up of a dedicated centre for SMPs at Pharmaceutical Advisory Forum (PAF) on 23rd April 2008. This Centre offers practical trainings on analytical instruments and conducts seminars on issues of relevance to the Pharma industry like GLP, GMP & regulatory affairs. All these activities have been designed in consultation with SMPs. This dedicated centre aims at creating synergy between industry and academia.

How to reach NIPER

NIPER, S.A.S. Nagar (Mohali) is situated near Chandigarh, that is well connected by air, rail and road. NIPER is about 11 km from Chandigarh International Airport, 14 km from Chandigarh Railway Station, 10 km from ISBT, Sector-17, Chandigarh and 5 km from ISBT, Sector-43, Chandigarh.

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S.A.S. NAGAR

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