HANDS-ON WORKSHOP ON BASICS OF LC-MS / MS

Date: 22nd to 24th August 2016
Venue: SPP SPTM, SVKM’s NMIMS, Mumbai
Workshop Co-ordinator: Dr. Alice Varghese
Assistant Professor
Organized by: Department of Pharmaceutical Chemistry
SPP SPTM, SVKM’s NMIMS,
V. L. Mehta Road, Vile Parle (W),
Mumbai-400056.
Phone: (022) 42332000 (Board)
Email: alice.varghese@nmims.edu
The focus of this workshop is to

- Study the basic principles of LC-MS/MS
- Demonstrate stepwise method development on LC-MS/MS of analytes
- Perform basic structure elucidation using LC-MS/MS
- Discuss various sample preparation techniques compatible with mass spectroscopy
- Study various qualitative and quantitative applications of LC-MS/MS

Day I: 22nd August 2016 (10:00am – 5:00pm)

10.00 - 10.15 Introduction of the workshop

10.15 - 12.30 Lecture 1: Basics and Instrumentation of LC-MS/MS by Dr. Ajit Datar, Advisor, Shimadzu Analytical Pvt. Ltd.

12.30 - 1.15 Lunch

1.30 - 3.30 MS and MS/MS method development of NCEs using Electro Spray Ionization (ESI)

3.30 - 3.45 Tea

3.45 - 5.00 MS and MS/MS method development of NCEs using APCI (Atmospheric Pressure Chemical Ionization)

Day II: 23rd August 2016 (10:00am – 5:00pm)

10.00 - 12.00 Lecture 2: LC-MS/MS Applications in Bioanalysis by Dr. Sasikumar Menon, Asst. Director, Institute for Advanced Training & Research in Interdisciplinary Sciences.

12.00 - 1.00 Lunch

1.00 - 3.30 Metabolite identification (Met-ID) of drug in liver microsomes using LC-MS/MS

3.30 - 3.45 Tea

3.45 - 5.00 Metabolite identification (Met-ID) of drug in liver microsomes using LC-MS/MS

Day III: 24th August 2016 (10:00am – 5:00pm)

10.00 - 12.00 Lecture 3: Impurity profiling and quantification using LC-MS/MS by Dr. Mayuri Gandhi, Research Scientist, IIT Bombay

12.00 - 1.00 Lunch

1.00 - 3.30 Degradation products profiling of a drug using LC-MS/MS

3.30 - 3.45 Tea

3.45 - 5.00 Degradation products profiling of a drug using LC-MS/MS

REGISTRATION

<table>
<thead>
<tr>
<th>Registration fees</th>
<th>On-site registration fees</th>
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<tbody>
<tr>
<td>Students</td>
<td>Rs. 5,000/-</td>
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<tr>
<td>Rs. 7,500/-</td>
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<tr>
<td>Academia</td>
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<td>Industry</td>
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1. Seats for the hands on training is limited to 10 only.
2. Registrations would be taken on first cum basis
3. Last date of registration is 16th August 2016
4. Molecular weight determination and MS/MS characterization for 2 pure samples is free for each participant (Analysis will be done after the workshop)
5. Additional samples will be charged

Mode of Payment: Demand draft payable at Mumbai in favor of “SVKM’s NMIMS.”

*Filled registration form along with demand draft should be send to the following address:
SPP School of Pharmacy and Technology Management,
SVKM’s NMIMS,
V. L. Mehta Road, Vile Parle (W), Mumbai-400056. India.
Ph: (022) 42332000 (Board), Ext. 2080.

Details of Demand draft:
DD Number: ______________ Date: ____________
Branch: ______________ Amount: ______________

For any queries contact:
Dr. Alice Varghese
Mob.: +91 9820319125
Email: alice.varghese@nmims.edu