Industry Academia Seminar Series at the Institute of Health Science

By Mr. Kousik Kahali, Senior Product specialist, Perkin Elmer

Dated- 1st December,2023

The first Industry-Academia seminar of December 2023 took place on the 1st, featuring experts from PerkinElmer and Spectra-lytic Scientific India Pvt. Ltd. The seminar focused on the applications of Fourier Transform Infrared (FTIR) spectroscopy, an essential tool in chemical analysis. The experts provided valuable insights into the principles and practical uses of FTIR, which is widely employed in various industries for analyzing the molecular composition of samples.

A key highlight of the event was the live demonstration of the FTIR instrument, where participants had the opportunity to witness the technology in action. This hands-on approach allowed attendees to better understand the capabilities of FTIR, as they could directly observe the instrument's functionality.

The scholars present were highly engaged, actively participating in discussions and performing FTIR analyses on their own samples. This interactive session allowed them to gain practical experience with the instrument, deepening their understanding of both the technology and its real-world applications. The seminar was a successful collaboration between industry experts and academic scholars, fostering knowledge exchange and providing a platform for learning about cutting-edge scientific techniques. The event was a step toward bridging the gap between industry and academia.

Participant link- https://drive.google.com/open?id=1AFV-bjscVwcOrbGJnmZNCQyzSGJEaK2f

Industry Academia Seminar Series at the Institute of Health Science

By Dr. Manisit Das, PhD, CMPP, Medical Communications Manager, United Therapeutics Corporation, USA

Dated- 22nd December, 2023

The second Industry-Academia seminar series of December 2023 took place on the 22nd, featuring Dr. Manisit Das, a Medical Communications Manager in Global Medical Affairs at United Therapeutics Corporation, USA. Dr. Das delivered an insightful lecture titled "Industry Careers in Medical Affairs and Communications: A Chat," offering valuable guidance to science graduates, postgraduates, and doctoral students interested in career opportunities in the field of science communication.

Dr. Das provided an overview of the diverse career paths available within the medical affairs and communications sectors, emphasizing the growing demand for professionals who can bridge the gap between scientific research and public understanding. He discussed the roles of medical writers, communications specialists, and other positions that require a strong background in science, combined with effective communication skills.

The seminar was interactive, allowing students to ask questions and gain first-hand insights into the practical aspects of pursuing a career in medical affairs. Dr. Das highlighted the importance of interdisciplinary skills, including writing, research, and the ability to convey complex scientific information to a broader audience. The event provided students with a deeper understanding of potential career trajectories in the field, inspiring many to explore these rewarding and impactful career options in the industry.

Participant link- https://drive.google.com/open?id=1IJheCgGrTXr3Bgu1tFlyJzslX0DOoyty

Monthly Colloquium Series at the Institute of Health Science

By Dr. Sukanya Sengupta, Senior Director, Division of Knowledgebase Research & Development, VELSERA

Dated- 1st December, 2023

The Colloquium held on 20th December 2023 featured Dr. Sukanya Sengupta, Senior Director in the Division of Knowledgebase Research & Development at VELSERA, as the distinguished speaker. Dr. Sengupta's talk, titled "Clinical Next-Generation Sequencing in Precision Oncology," focused on the cutting-edge applications of sequencing technologies in cancer diagnosis and treatment.

Dr. Sengupta highlighted how Next-Generation Sequencing (NGS) is revolutionizing the field of precision oncology by providing in-depth insights into the genetic makeup of tumors. This advanced sequencing technology allows for more accurate diagnosis, better prognosis prediction, and personalized treatment strategies for cancer patients. She discussed the significant impact of NGS on identifying genetic mutations, guiding targeted therapies, and monitoring treatment responses in real-time.

The talk emphasized how NGS is enhancing the ability of clinicians to tailor cancer treatments to the individual, making cancer management more effective and less reliant on a one-size-fits-all approach. Dr. Sengupta also shared her expertise on the ongoing developments and challenges in the field, including the integration of NGS into clinical practice.

The session was insightful and provided the audience, particularly those from biomedical and healthcare disciplines, with a deeper understanding of how NGS is reshaping cancer care through precision medicine.

Participant link-
https://drive.google.com/open?id=1rtjo4ZxYFWAYUZiJrriWpysDwIoKhhzP