Seminar roadshow : functional fluorescence in cellular analysis : life science, functional biology, structure activity relationships, genomics, proteomics, drug discovery / Molecular Devices.

About the company

Molecular Devices, a world leader in the supply of instrument platforms and associated products used for performance fluorescence detection in the life science, bio-technology and pharmaceutical markets.

The company's products

The **SPECTRAmax™** range of monochromator based fluorescence and absorption microplate readers represent the laboratory benchmarks for performance and function. They come supported by the easy-to-use **SOFTmax PRO™** software.

Analyst™ and **Acquest™** represent the industry-standards for multi-platform fluorescence detection systems for use in applications from biochemical research through to pharmaceutical high-throughput screening in drug discovery. They provide a no-compromise solution for Fluorescence Intensity, Time-Resolved Fluorescence, Absorbance, Luminescence and High Efficiency Fluorescence Polarisation (HEFTP™).

ScreenStation™ is a newly launched integrated assay assembly and detection system for homogeneous high-throughput screening assays. Features built in integrated plate handling and on-line dispensing.

CLIPR™ is the imaging luminescence reader for high-throughput screening, with high sensitivity and throughput in bead-based SPA and reporter gene applications.

FLIPR™ is the industry standard cellular signalling analysis system, available in both 96-well and 384-well plate formats. Now complemented by a range of reagents for intracellular calcium, membrane potential and sodium ion detection.

FLEXstation™ is the newly launched system for low-throughput kinetic cell based analysis in a 96-well plate format. Equipped with an 8 channel well to well liquid transfer system, FLEXstation allows multiple compound addition with simultaneous measurement.

0118 944 8000 (UK)
info@moldev.com
www.moleculardevices.com

Molecular Devices

Molecular Devices Ltd, 135 Wharfedale Road,
Winnersh Triangle, Winnersh, Wokingham, RG41 5RB, UK

Seminar Roadshow

Functional Fluorescence In Cellular Analysis

Life Science

Functional Biology

Structure Activity Relationships

Genomics

Proteomics

Drug Discovery

Molecular Devices

Life Science Functional Biology Structure Activity Relationships Genomics Proteomics Drug Discovery

Objectives

With recent developments in functional genomics affecting all aspects of biology, there is a need for an integrated range of technologies capable of addressing the new challenges in research and development and drug discovery.

Molecular Devices is proud to present its range of technology platforms based upon performance fluorescence dedicated to an integrated solution to functional analysis at both the cellular and molecular level.

These series of seminars are designed to provide an insight into the range of technologies now supported by the company to help the researcher to understand molecular mechanisms in signal transduction and disease.

In addition, the trend towards automation of data analysis and bioinformatics requires user-friendly software interfaces to flexible instrument platforms, an integral part of our product design. These will be discussed and demonstrated at the following events.

Locations

Tuesday May 17th	London
Friday May 18th	Oxford
Tuesday May 22nd	Edinburgh
Thursday May 24th	Cambridge

Register by returning the enclosed card

Performance Fluorescence In Functional Analysis

9:00 Registration

9:30 **Session One**
Overview of Fluorescence in cellular and functional analysis

Review of:

- Available assay technologies
- Performance fluorescence from Molecular Devices
- Technology platforms

10:15 Coffee Break

10:30 **Session Two**
Molecular Devices approach to functional fluorescence

Principles of High-Efficiency Fluorescence Polarisation (HEFP™) and Applications in Drug Discovery and Genomics

Phosphodiesterase (PDE) assays run on ScreenStation, the integrated HTS fluorescence assay assembly station

SNP-genotyping assays on Analyst HEFP platforms

Advances in fluorescence and luminescence assays on FLIPR, CLIPR and FLEXstation instruments

12:30 Lunch

13:30 **Session Three**
Two invited guest speakers to present on Cellular Analysis in Drug Discovery and related Fluorescent Polarisation techniques and applications

15:30 Depart

Molecular Devices