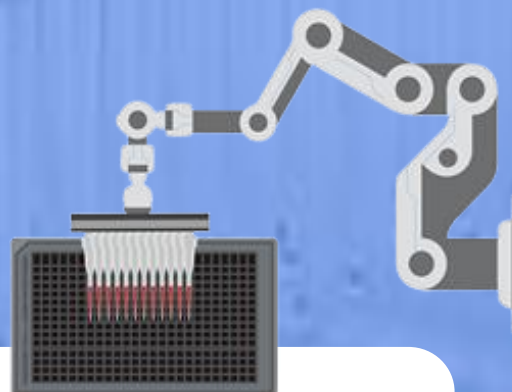


High Content Screening For Therapeutics Discovery

August 28th to
September 1st 2023

Institut Pasteur Korea, Rep. of Korea



Content

Institut Pasteur Korea(IPK) operates the HCS course in collaboration with Institut Pasteur and the Pasteur Network. The course provides a learning platform for those interested or working in chemical biology to interact and learn the best practices in setting up cell-based assays using automated microscopy, leading to the discovery of novel drugs. This course is open to a broader audience, from newcomers to seasoned research scientists familiar with the technology and those seeking unbiased approaches to HCS and its application, such as small focused up to large scale drug screens.

Teaching Team

The course will be taught by an expert panel composed of:

- Faculty members from Institut Pasteur Korea: Regis Grailhe (Head of Technology Development Platform), David Shum (Head of Screening Development Platform), Inhee Choi (Head of Medicinal Chemistry), Soojin Jang (Head of Antibacterial Resistance Lab)
- Invited speakers from the Pasteur Network
- Application scientists from global companies

Topic

- Designing & establishing cell-based assays for screening
- High Content Assay: instrumentation and assay development
- Designing & setting up complex phenotypic assays
- Automated microscopy image processing and analysis
- High content screening data analysis

**All Lectures will be given in English*

How to Apply

Researchers and students interested in participating in this course must send the application form([Click](#)) to ipk-course@ip-korea.org

Application Deadline

Pasteur Network Applicants: **May 31st, 2023**
General Applicants*: **June 14th, 2023**

*Those in Korea and abroad who are not members of the Pasteur Network

- **Results Announcement (by email):** Pasteur Network Applications [June 14th] & General Applications [July 3rd]
- **Selection:** We are looking for researchers who plan to use High Content Screening (HCS) technology, implement screening capacity in their research center, optimize phenotypic assays, perform image mining and multi-parametric data analysis.
- This course is open to 20 students in Korea and abroad, including a minimum of 4 spots reserved for Pasteur Network members. Registration is free of charge and meals will be offered to all participants. Travel expenses and accommodation fees will be supported by the Institut Pasteur Korea for Pasteur Network members. We can recommend a nearby accommodation for general participants that require lodging.