



United Nations
Educational, Scientific and
Cultural Organization



अंतर्राष्ट्रीय वैज्ञानिक केंद्र
Regional Centre
for Biotechnology

Advanced Technology Platform Centre

Regional Centre for Biotechnology

NCR Biotech Science Cluster, Faridabad, India



**Virtual workshop on
Confocal microscope-based drug screening
(High content imaging)
October 22, 2021**

High content imaging is an integrated cellular imaging and analysis system that is designed for rapid, automated screening of fluorescently-labelled fixed and live cells in microplates. It has become a widely used tool in drug screening. This course will introduce the power of high content imaging system in the field of drug discovery. You will get the opportunity to meet the team of application scientists who are expert in the high content imaging.

The course will cover:

- † *High content imaging : the equipment*
- † *Image-based drug screening for antivirals*
- † *Image based drug cytotoxicity assay*
- † *Ca²⁺ imaging*
- † *Data quantification and analysis*
- † *Technical talks from industry experts*

Who can apply:

- Researchers from academia or industry who have basic knowledge and experience in cell-based drug screening with an intent to advance their skill set for image-based high-throughput screening.

How to apply:

- Please send a motivation letter stating how this workshop will benefit your research along with your CV to atpcworkshops@rcb.res.in with email subject "Imaging workshop"

Register here: <https://forms.gle/43XDzz26jm1tD16t7>

Deadline: September 15, 2021

Further contact details: Phone No: +91-129-2848631, Website: www.rcb.res.in