

Workshop on Basic Course on High Content Imaging

November 25-27, 2019

ATPC

Regional Centre for Biotechnology

NCR Biotech Science Cluster, Faridabad

Schedule

November 25, 2019 Monday

08:30 –9:15 Registration (Auditorium complex)

9:15 –9:30 Inauguration/ Introduction

9:30 –10:30: **Technical lecture I:**

10:30 –11:00: Tea

11:00 –13:00: System and software awareness

13:00 –13:30: Lunch

13:30 –15:00: Ca²⁺ Imaging in high throughput experiments (Sample preparation and image acquisition)

15:00 –17:00: Ca²⁺ Imaging in high throughput experiments (Data analysis)

17:00 –17:30: Tea

17:30 –19:30: Setting up live imaging experiment (**Cell migration assay**) or any other live imaging experiment)

19:30 –20:30: Dinner and disperse

November 26, 2019 Tuesday

9:30 –10:30: **Technical lecture II**

10.30-11.00: Tea

11:00 –13:00: Cell migration assay (Data analysis)

13:00 –13:30: Lunch

13:30 –15:00: Spheroid assay (Data acquisition)

15:00 – 17:00: Spheroid assay (Data analysis)

17:00 –17:30: Tea

17:30 –19:30: Drug screening assay (Sample preparation)

19:30 –20:30: Dinner and disperse

November 27, Wednesday

9:00 – 10:00: **Academic lecture I**

10:00 – 11:00: **Academic lecture II:**

11:00 – 11:30: Tea

11:30 – 13:00: Cell cycle assay (Data acquisition & analysis)

13:00 – 13:30: Lunch

13:30 – 16:30: Drug screening assay (Data acquisition and analysis)

16:30 to 17:00: feedback/ Certificate

17:00 : Tea and dispersion