

## **EQUIPMENT LIST**

# BIOANALYTICAL

- > Synapt G2-Si plus Acquity M Class UPLC
- > Xevo G2-XS plus Acquity H Class Bio UPLC
- > Xevo TQ-S micro plus Acquity H Class Bio UPLC
- > Xevo TQ-GC plus Agilent 7890B plus 7693 Autosampler
- > Acquity H Class Bio UPLC plus diode array detector, fraction collector
- > Acquity H Class Bio UPLC plus diode array and fluorescence detectors
- > Agilent 7890B GC plus 7693 Autosampler and FID detector
- > Progenesis QI and Progenesis QiP metabolomic and proteomic software packages

## EQUIPMENT LIST

# BIOANALYTICAL

> MiSeq FXg	• Verogen
> Western blot transfer system	• Biorad
> Chemi-Doc	• Biorad
> Real time PCR	• Biorad
> Flow cytometer	• BDScience
> UV/VIS spectrophotometers	• ThermoFisher Scientific and Camspec
> Ultracentrifuge – Optima XPN	• Beckman Coulter
> Nanodrop	• Labtech
> Qubit	• ThermoFisher Scientific
> Anaerobic cabinet	• tbc
> Robotics for proteomics and NGS	• tbc



## EQUIPMENT LIST

# BIOLOGICAL IMAGING

- |                                  |                                |
|----------------------------------|--------------------------------|
| > Confocal – FLIM, FRAP, FRET    | • Leica Falcon SP8             |
| > Confocal Raman Spectroscopy    | • Renishaw inVia Qontor        |
| > MALDI imaging                  | • Waters – Synapt G2- Si HDMS  |
| > DESI imaging                   | • Waters – Xevo G2-XS          |
| > FTIR/NIR with integrated Raman | • ThermoFisher Scientific iS50 |
| > Terrestrial Laser Scanner      | • Faro                         |
| > Digital Radiography            | • Konica Minolta               |
| > Cryostat                       | • tbc                          |



## EQUIPMENT LIST

# BIOPROCESSING

Use of biotechnology upstream and downstream equipment for industry, teaching and research which includes process development, process improvement and product characterization.



## EQUIPMENT LIST

# BIOPROCESSING

- |  |                           |
|--|---------------------------|
| > 8 x 5L Bioreactors – Microbial/mammalian | • Applikon                |
| > 1 x 15L SIP Bioreactor                   | • Applikon                |
| > 2 x FPLC - AKTA-Pure                     | • GE Healthcare           |
| > Incubators – CO2 shaker                  | • Eppendorf               |
| > Incubators – shaker/non shaker           | • ThermoFisher scientific |
| > Clean Steam generator                    | • Certuss UK              |
| > Chillers                                 | • Julabo                  |

