

# LC-MS

## Triple Quadrupole / TOF

### Description

SCIEX TripleTOF 6600 ([More details](#))

### Location

Rm510A, Biotech Centre 1

### Features

- Broad linear dynamic range: greater than 5 orders
- Q1 mass range: isolation for ions up to 2250 m/z
- High quality MS/MS:
  - 30,000 high-resolution TOF MS/MS mode
  - Up to 100 MS/MS per second

### **NanoLC system**

#### eksigent 425

- Two binary gradient pumps and one isocratic loading pump
- Capacity: two microtiter plates or one 108 vial tray
- With cHiPLC® system (chip-based column) to deliver column-to-column reproducibility

### **SWATH 2.0 acquisition**

- Data independent acquisition with variable windows enables maximum quantitation from each precious sample
- Thousands of proteins can be examined at once with almost no method development

### Applications

- Peptide identification and quantitation
- Protein differential expression
- Metabolomics

### Contact

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