

## **Thermo Electron LTQ LC/MS/MS System**

The LTQ™ Linear Ion Trap Mass Spectrometer extends the legendary MS<sup>n</sup> performance of the previous ion trap instrumentation. LTQ is capable of providing multiple dissociation techniques, such as PQD and CID, etc. Pulsed Q Collision Induced Dissociation (PQD) is a patented technique that eliminates the low mass cut-off concern inherent with all ion traps. This results in extensive coverage for predicted and unpredicted metabolites, and the ability to perform peptide quantification using iTRAQ™ labels. On this platform, we provide the following services:

1. Protein identification and quantitative differential expression analysis.
2. Metabolite identification and quantification.
3. Other high-speed LC/MS analysis.