



Research-Service Team Mass Spectrometry invites you for the
3rd short mass spectrometry courses

MINIŠKOLA HMOTNOSTNÍ SPEKTROMETRIE

NOVEMBER 14 – 15, 2011, IOCB LECTURE HALL

Monday, November 14

Mass Spectrometry Basics (IOCB Lecture Hall)

- 9.00 - 9.30 Opening (J. Cvačka)
9.30 - 9.45 Introduction to mass spectrometry (J. Cvačka)
9.45 - 10.30 MS instrumentation (V. Vrkoslav)

break, refreshment

Services of the MS Group (IOCB Lecture Hall)

- 11:00 - 11.30 Small molecules (A. Březinová)
11.30 - 11.50 Biomolecules (Z. Demianová)

Demonstration of instruments (lab. 107, 33, 53)

- 14.00 - 17.30 Orbitrap – High resolution and proteomics (Z. Demianová)
MALDI – Large and small molecules (V. Vrkoslav)
ESI MSⁿ – Tandem MS for structure elucidation (J. Cvačka)

Tuesday, November 15

Interpretation of MS data (IOCB Lecture Hall)

- 9.00 - 10.20 Spectra interpretation – small molecules (J. Cvačka)
10.20 - 11.00 MS-based proteomics (Z. Demianová)

break, refreshment

News (IOCB Lecture Hall)

- 11.30 - 12.00 TripleTOF 5600 System (T. Korba, AB SCIEX)
12.00 - 12.30 MALDI-TOF/TOF UltrafleXtreme (M. Boháč, Bruker)
12.30 - 13.00 New request management system of MS lab (M. Strohalm)

Training for open access instruments (lab.107, 53)

- 14.00 - 15.00 Training for open-access GC/MS (V. Vrkoslav)
Training for open-access LC/MS (A. Březinová)