

USING MALDI-TOF AS AN EASY AND QUICK METHOD FOR IDENTIFICATION OF MICROORGANISMS

VYUŽITÍ METODY MALDI-TOF PŘI IDENTIFIKACI PŮDNÍCH MIKROORGANISMŮ

Petr Štursa 1), Petra Junková 1), Michal Strejček 1), Martina Macková 1,2)

*1) Institute of Chemical Technology, Prague, Technická 5, 16628, Praha 6, Czech Republic,
e-mail: Petr.Stursa@vscht.cz*

*2) Institute of Organic Chemistry and Biochemistry AS CR, v.v.i., Flemingovo nám. 2,
166 10 Praha 6, Czech Republic*

Abstract:

The work deals with the using method MALDI-TOF to identify microorganisms and compare method of MALDI-TOF MS with analysis of 16S rRNA genes, which is commonly used to identify bacteria.

Keywords:

MALDI-TOF MS, 16S rRNA, microorganisms, identification