

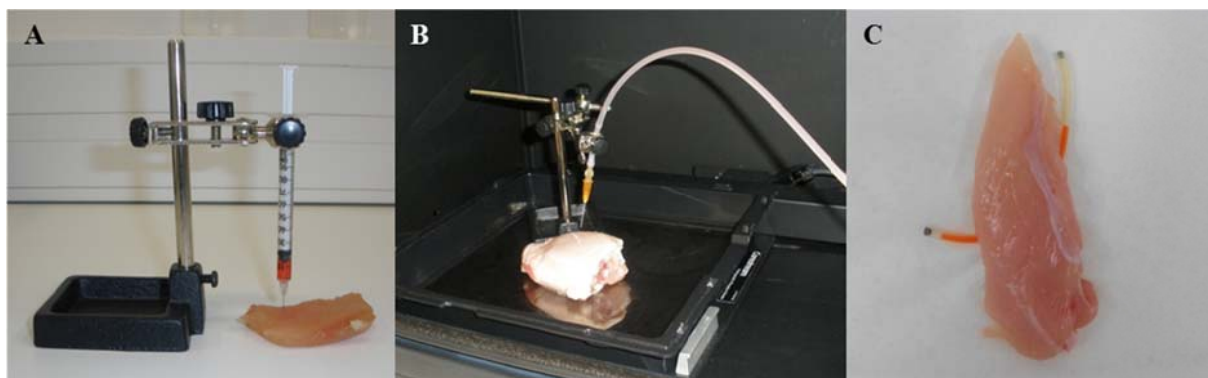
Vás zve na seminář:

CHARAKTERIZOVÁNÍ A IN VIVO VIZUALIZACE PROTINÁDOROVÝCH LÉČIV, PŘEDEVŠÍM DOXORUBICINU, DO SVALOVÉ TKÁNĚ

Ing. Iva Blažková

Abstrakt

Monitoring the behaviour of biologically active compounds in the body is the key to understand their effect. Optical methods are relatively cheap non-ionizing techniques based on the specific optical properties and are an important tool for non-invasive and objective diagnosis with still better and better resolution. In this work, a characterization of fluorescence behaviour of doxorubicin in different environments (ethanol, methanol, dimethyl



sulphoxide) has been established. In addition, its spatial distribution in muscle tissue was monitored using fluorescence imaging. Autofluorescence of the tissue was removed by software to limit the effect of the matrix.

pátek 1. 11. 2013, od 10:00 h

Ústav chemie a biochemie, Laboratoř metalomiky a nanotechnologií

Kontakt: kizek@sci.muni.cz

