

Název: **Electrophoretic behavior of doxorubicin**

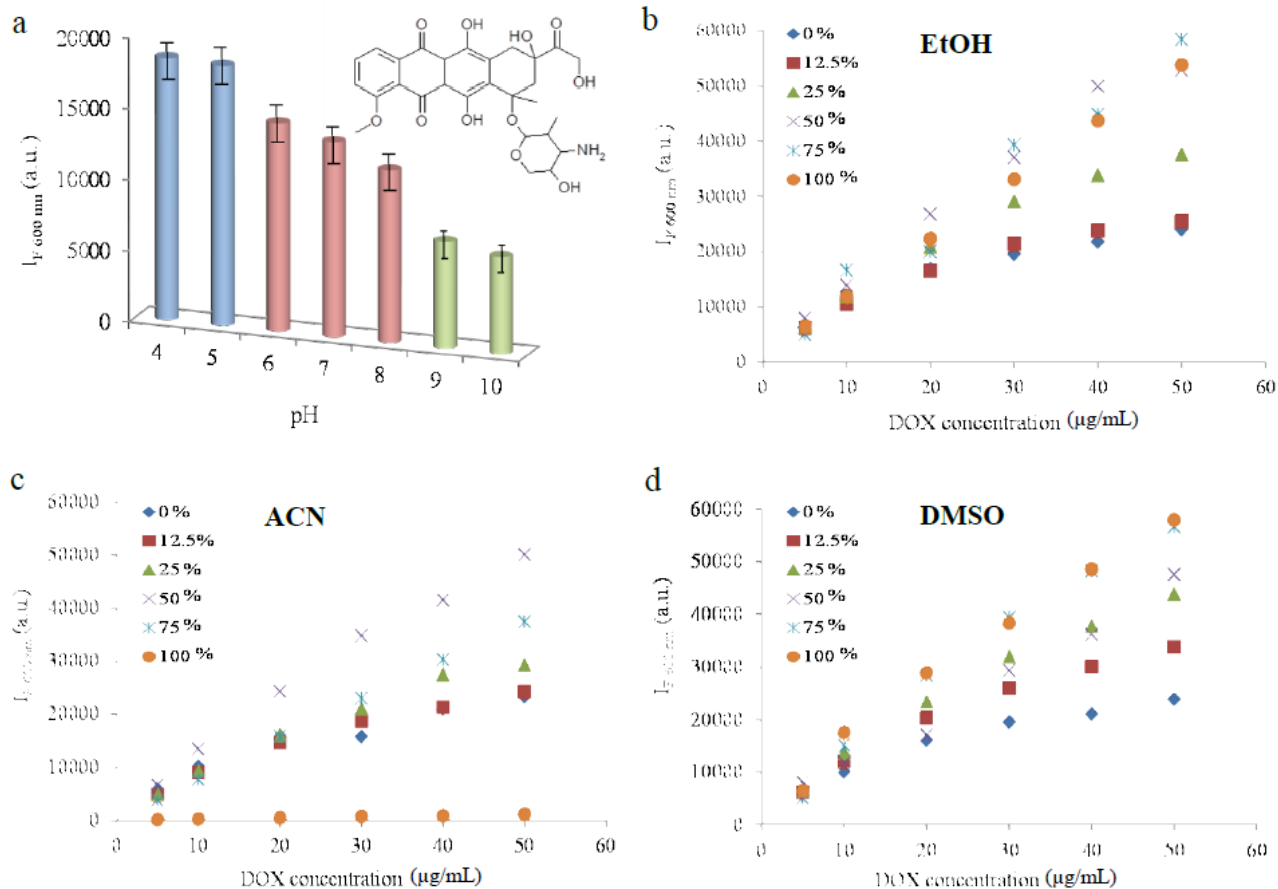
Školitel: Ing. Kristýna Šmerková

Datum: 24. 9. 2014

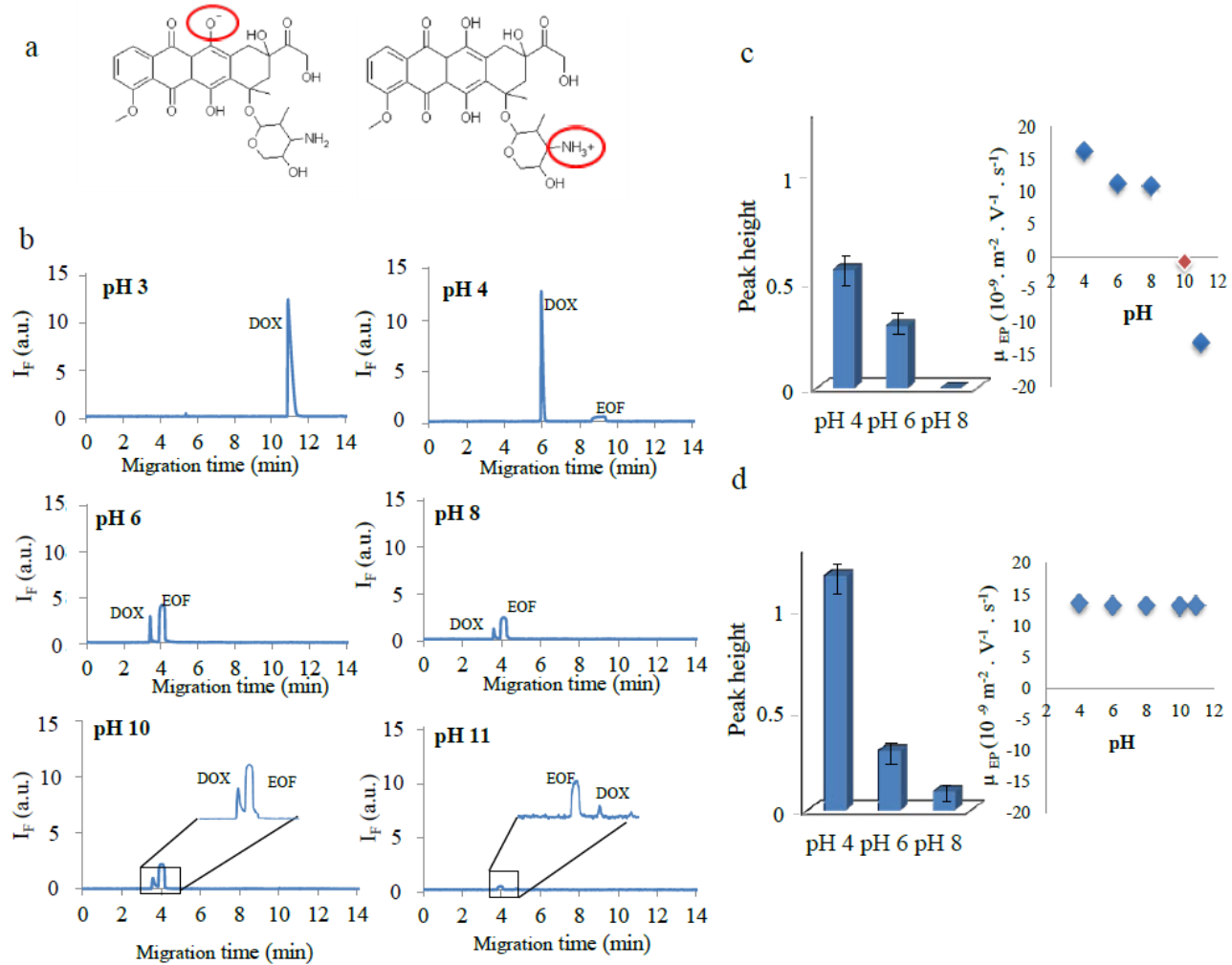
Introduction

- Anthracyclines belong to the most effective anticancer drugs
- **Doxorubicin** (DOX) is highly efficient and widely used
- *Streptomyces peucetius*
- Cardiotoxicity
- Fluorescent properties
- Apoferritin- or liposome-encapsulated forms

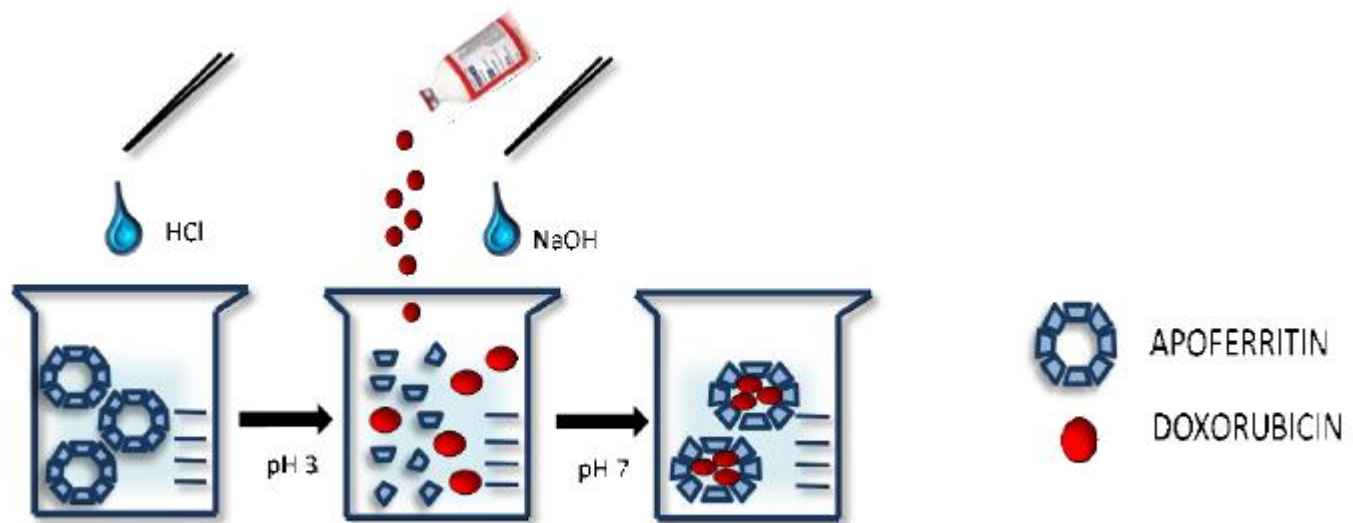
Characterization of DOX fluorescence measured in various solvents



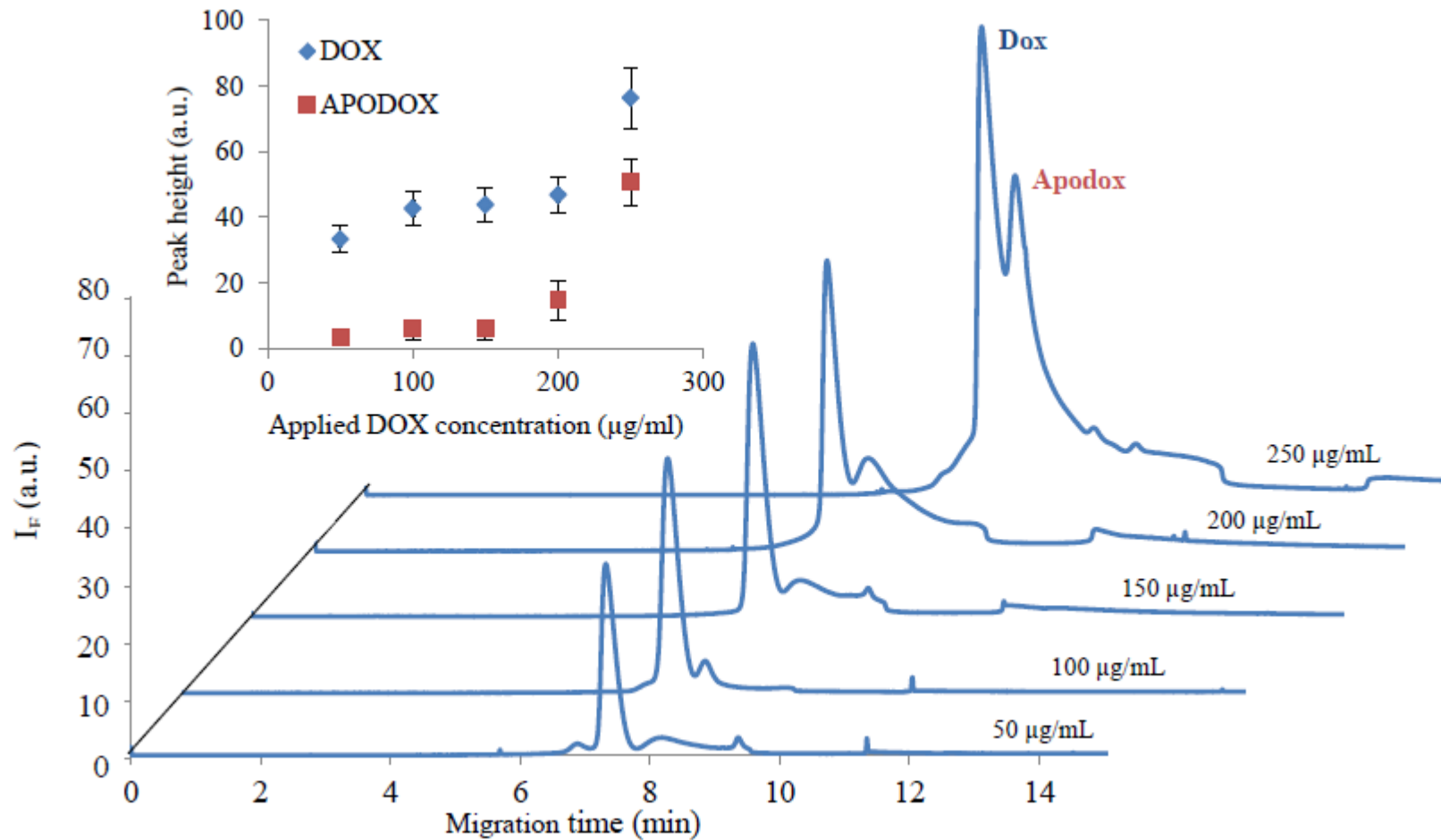
CE-LIF of DOX

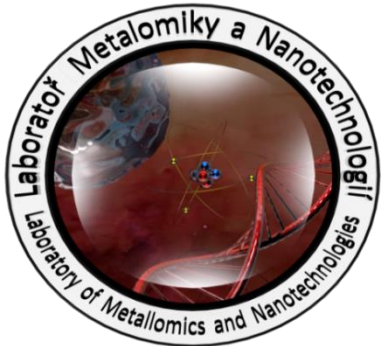


DOX encapsulation into the apoferritin



CE-LIF of Apodox





Mendel
University
in Brno



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Marketa Vaculovicova
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evropský
sociální
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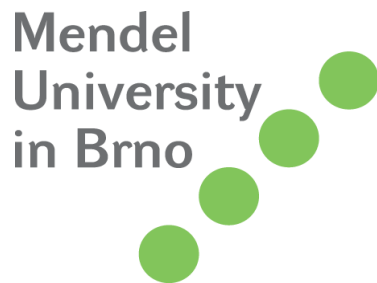
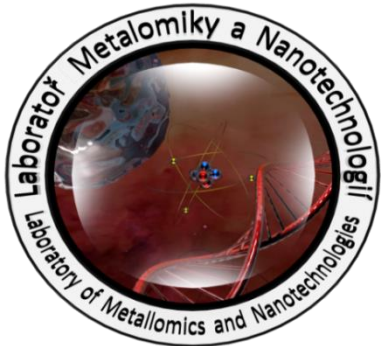


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Thank you for your attention!



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