



evropský  
sociální  
fond v ČR



EVROPSKÁ UNIE



MINISTERSTVO ŠKOLSTVÍ,  
MLÁDEŽE A TĚLOVÝCHOVY



OP Vzdělávání  
pro konkurenceschopnost



## INVESTICE DO ROZVOJE VZDĚLÁVÁNÍ

Propojení výzkumu a vzdělávání v oblasti medicínální chemie  
reg. číslo: CZ.1.07/2.3.00/30.0060

Účel cesty/Aim of travel: Internship in Notre Dame

Účastník/Participant: Vanesa Gimenez Navarro

Doba trvání cesty/Duration of travel: 03.03.2015 – 09.05.2015

Místo/Location: Notre Dame, USA

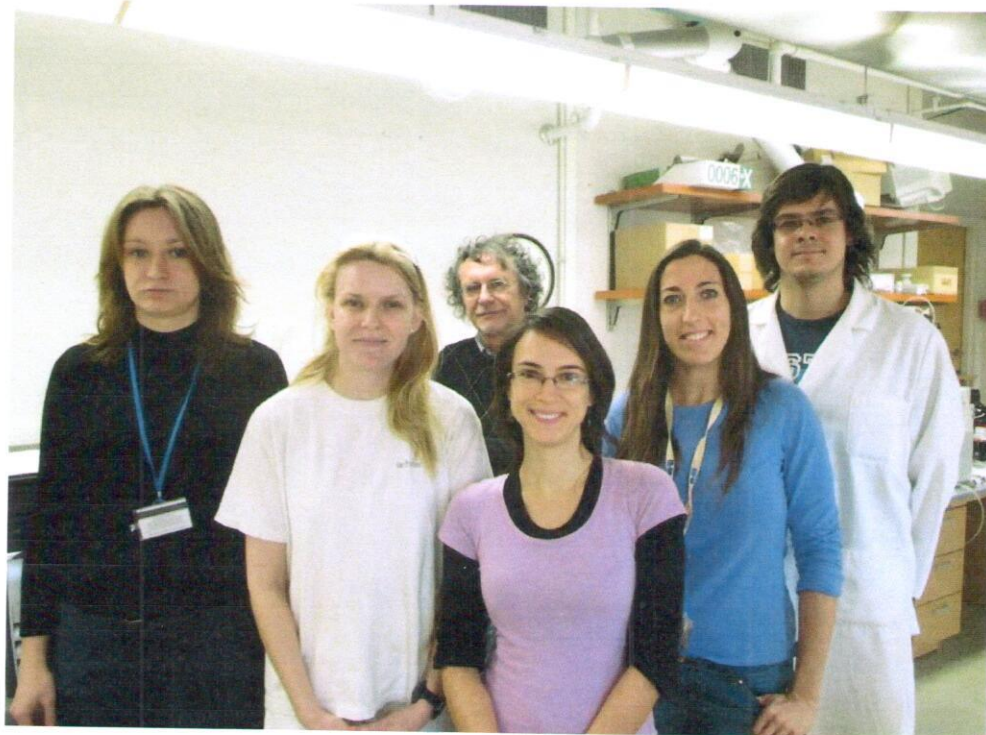
Zpráva/Report:

Within internships abroad, I was working in our project of the synthesis of indolinones. It included the ending of the synthesis and characterization of final compounds necessary for the project, mainly based on NMR spectroscopy and High Resolution Mass Spectroscopy. A family of 3,3'-disubstituted oxindoles were synthesized, purified and fully characterized using the technologic facilities available in Notre Dame University. During the stay, a manuscript regarding this work was in preparation, completing with theoretical and experimental results, and submitted to international journal. In parallel, different experiments were carried out in order to study the chirality of the compounds, very interested data to contribute in the characterization of the compounds. Furthermore, in the course of this internship strengthening the link between research groups, which can continue to work with common projects and discuss problems of chemistry.

V Olomouci dne .....  
In Olomouc, date: 22.6.2015

Jméno, podpis/ .....  
Name, signature: [Signature]

*Fotodokumentace/Photos:*



*Tento projekt je spolufinancován Evropským sociálním fondem a státním rozpočtem České republiky.*