



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: Poster Participation in Drug Discovery Chemistry Conference

Účastník/Participant: Vanesa Gimenez Navarro

Doba trvání cesty/Duration of travel: 18.04.2015 – 24.04.2015

Místo/Location: San Diego, CA, USA

Zpráva/Report:

Drug Discovery Chemistry is a conference for medicinal chemists focus on discovery and optimization challenges of small molecule drug candidates. The conference had the possibility to attend different short courses about physical properties, GPCRs, molecular interactions, designing peptide therapeutics, immunology, macrocycles, fragment-based design, and targeted covalent inhibitors to improve the knowlegement of the different topics.

One of the sessions was focus on Protein –Protein interactions (PPI), very interesting due to its great potential as therapeutic targets and currently one of the most challenging areas in drug discovery due to specific structural features of PPI modulating ligands. One of the most interesting talks was given by Michael H. Serrano-Wu, Ph.D., who works in the Treatment of Cancer and described a strategy towards discovering selective MCL1 inhibitors.

One of lectures in the Fragment-Based Drug Discovery session was given by Harren Jhoti, Ph.D., who provided a perspective on how these Fragment-Based drugs has been evolved over last 15 years, improving physicochemical properties and had produced multiple drug candidates in clinical trial.

In this conference, a high number of represented industrial companies were also participating and showed new techniques for determining ligand affinity of drug candidates, e.g. by NMR, and also demonstrated some examples of optimized structural compounds as drug candidates from natural source with varying pharmacokinetic properties such as activity, membrane permeability and lifetime.

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



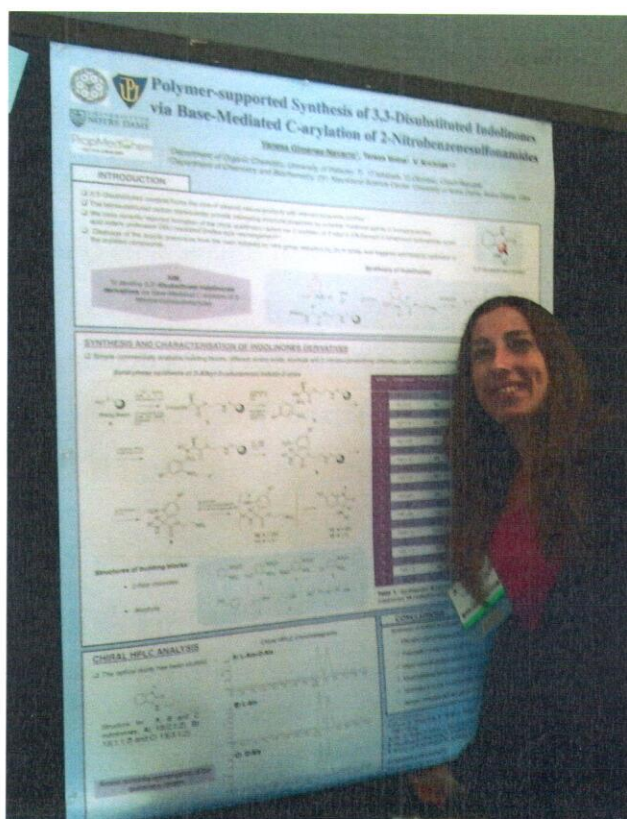
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V Olomouci dne
In Olomouc, date: 20. 4. 2010

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Fotodokumentace/Photos:



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