

Curriculum Vitae

dr. Tímea Gonda

Organic Chemist

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Birthdate 21.08.1988
Nationality Hungarian



Experience

2019 -

Assistant Research Fellow

University of Szeged-Hungary, Institute of Pharmacognosy

Project: Antioxidants as oxidative stress activated prodrugs: antitumor potential of an overlooked chemical space

01/2019 - 05/2019

Research Chemist

Taros Chemicals GmbH, Dortmund, Germany

Responsibilities:

- Synthesis, analysis and purification of bioactive peptide fragments

2016 – 2018

Assistant Research Fellow

University of Szeged-Hungary, Institute of Pharmacognosy

Project: Antioxidants as oxidative stress activated prodrugs: antitumor potential of an overlooked chemical space

Responsibilities:

- Synthesis, purification and structure elucidation (HPLC, NMR, MS) of potentially bioactive oxidized natural compounds
- Exploring structure-activity relationships
- Laboratory management: ordering of chemicals, solvents
- Communication of research results orally or in written form

2013 – 2016

PhD student

University of Szeged-Hungary, Institute of Pharmaceutical Chemistry

Project: Stereoselective synthesis and application of monoterpene-based bi- and trifunctional catalysts

Responsibilities:

- Acquirement of stereoselective synthesis methods
- Literature research
- Development of synthesis methods, scale-up, purification and structure elucidation
- Leading of Pharmaceutical Chemistry Practice and Seminar for 3rd year pharmacy students

2012 – 2013

Clinical Pharmacist

Hospital of Szentes, Hungary

Responsibilities:

- Preparation of anticancer parenteralia
 - Safe handling and documentation of narcotics
 - Participation in clinical studies
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Education

2007 – 2012

Pharmacist (summa cum laude)

University of Szeged, Hungary

05/2014

Exchange student

University of Toledo, USA

Skills

Languages

English: negotiating level
German: basic level
French: intermediate level
Hungarian: native language

Scientific skillset

HPLC, NMR, MS
Topspin, Chemdraw, Scifinder
Enantioselective synthesis and catalysis

Scholarships

Campus Hungary Scholarship, 2015 – 1 month scientific visit at University of Toledo, USA
Campus Hungary Scholarship, 2015 – Participation at 16th Tetrahedron Symposium, Berlin
Richter Gedeon NyRT. Scholarship, 2016 – Participation at Chirality 2016, Heidelberg

Publications

- Z. Szakonyi, T. Gonda, S. Ötvös, F. Fülöp; *Tetrahedron: Asymmetry* **25** (2014) 1138-1145
- T. Gonda, Z. Szakonyi, A. Csámpai, M. Haukka, F. Fülöp; *Tetrahedron: Asymmetry* **27** (2016) 480-486
- T. Gonda, A. Balázs, G. Tóth, F. Fülöp, Z. Szakonyi, *Tetrahedron*, **73** (2016) 2638-2648
- T. Gonda, P. Bérdi, I. Zupkó, F. Fülöp, Z. Szakonyi, *Int. J. Mol. Sci.* **19**, (2018), 81-92
- A. D. Latif, T. Gonda, M. Vágvolgyi, N. Kúsz, Á. Kulmány, I. Ocsvoszki, Z. P. Zomborszki, I. Zupkó, A. Hunyadi, *Int. J. Mol. Sci.*, **20**, (2019), 2184-2196