

István Mándity

Curriculum vitae

Name: István Mándity

Birth date: 15th January 1983.

marital status: married, one daughter and one son

Address: Department of Organic Chemistry, Semmelweis University, H-1092 Budapest, Hőgyes Endre u. 7., Hungary

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Studies

- 2001-2006 University of Szeged Faculty of Pharmacy
- 2006- 2010 PhD student at University of Szeged Institute of Pharmaceutical Chemistry (supervisors Prof. Ferenc Fülöp and Dr. Tamás Martinek)
- 2011 PhD defend (summa cum laude, 100%)

Research abroad

- 2006 University of Bielefeld with Prof. Dr. Norbert Sewald, 3 month
- 2009 University of Joensuu with Prof. Dr. Janne Jänis, 3 month

Current positions

- 2017- Head of Department of Organic Chemistry, Semmelweis University
- 2017- Group leader, Hungarian Academy of Sciences, Research Centre for Natural Sciences, Artificial Transporter Research Group

Previous positions

- 2008-2015 lecturer at the University of Szeged, Institute of Pharmaceutical Chemistry
- 2015-2017 senior lecturer at the University of Szeged, Institute of Pharmaceutical Chemistry

Qualification

- 2006 pharmacist
- 2011 PhD (summa cum laude)

Language proficiency

- English, fluent
- German, fluent

Scholarships

- 2012-2015 János Bolyai Scholarship from the Hungarian Academy of Sciences
At the end awarded with a Bolyai Plakett (the best scholar in the three year period in chemistry),
- 2016-2017 New National Excellence Programm
- 2007 Conference visiting scholarship, Gedeon Richter Pharmaceuticals, Hungary
- 2012 Research scholarship, Gedeon Richter Pharmaceuticals, Hungary
- 2014 Research scholarship, Gedeon Richter Pharmaceuticals, Hungary

Awards

- 2006 University of Szeged *Discipuli pro Universitate* award
- 2006 Albert Szent-Györgyi award
- 2006 Diploma thesis Nivo prize (Hungarian Chemical Society)

- 2008 Young Organic Chemists Conference Szeged, first prize
- 2011 Nivo-prize of the Pharmaceutical Chemistry and Pharmaceutical Technology division of the HAS
- 2012 Anoli Prize (Hungarian Society of Pharmaceutical Sciences)
- 2013 Junior Prima Prize
- 2015 Bruckner Győző Prize
- 2016 Bolyai Plakett
- 2016 Zemplén Géza Prize

Teaching activity

- 2006- Pharmaceutical chemistry laboratory practice undergraduate course, University of Szeged, Faculty of Pharmacy
- 2008- Qualitative inorganic analysis (lecture), undergraduate course, University of Szeged, Faculty of Pharmacy
- 2014- Introduction to drug discovery (lecture), undergraduate course, University of Szeged, Faculty of Pharmacy

Research activity

- Flow- chemistry, organocatalysis, self-organizing artificial polymers, drug discovery.
- Publications: 45
- Conferences: 53
- Cumulative impact : 171
- Independent citations: 631
- Patents: 2
 1. F Fülöp, I M Mándity
Deuterated Morphine Derivatives
WO 2014/170704 A1
2014
 2. F Fülöp, I M Mándity
Continuous Flow Peptide Synthesis
HU2015/000022
2015
- Book, book chapter: 2
- Conference oral lectures: 11 (invited lecture: 2)

Selected oral lectures:

1. István Mándity

Development of a packed bed reactor for the synthesis of peptides and foldamers: a revolutionary reduction of the amino acid excess

4th Symposium on Foldamers 2015

26-28 January 2015, Bordeaux, France

2. István M. Mándity, Balázs Olasz, Sándor B. Ötvös, Ferenc Fülöp

Continuous-flow solid-phase peptide synthesis: a revolutionary reduction of the amino acid excess

33rd European Peptide Symposium

August 31-September 5 2014, Sofia, Bulgaria

(importantly, the one and only regular oral presentation from Hungary in the last 10 year.

Invited lectures:

1. István Mándity

Peptides in Continuous Flow: Synthesis and Catalysis

16th Blue Danube Symposium on Heterocyclic Chemistry,

14-17 June 2015 Balatonalmádi, Hungary

2. István Mándity

Development of a Packed Bed Reactor for the Synthesis of Peptides and Foldamers: A

Revolutionary Reduction of the Amino Acid Excess

Discovery Chemistry Congress

17-18 February 2015, Berlin, Germany

Reviewer activity

- Chem Eur J, RSC Advances, J Flow Chem, Eur J Org Chem, J Org Chem, Org Biomol Chem, React Chem Eng.