

Personal Data

Name: Denisa Hidasová

Date of Birth: 16.4.1987

Place of Birth: Nové Zámky, Slovak Republic

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Education & Research Experience

- 07.2012 – 08.2019 Ph.D. student with Priv.-Doz. Dr. Ullrich Jahn, Faculty of Science, Charles University, Czech Republic: *“Asymmetric Tandem Lithium Amide Conjugate Addition/Radical Reactions and Their Application in the Total Synthesis of Natural Products”*.
- 10.2010 – 06.2012 M.Sc. student with Assoc. Prof. Dr. Jiří Šrogl, Faculty of Science, Charles University, Czech Republic: *“Transition Metal-Catalyzed Cross-Coupling Reactions of Onium Salts”*.
- 08.2009 – 09.2010 B.Sc. student with Assoc. Prof. Dr. Jiří Šrogl, Faculty of Science, Charles University, Czech Republic: *“Effective Scavenging of Heavy Metals by Organosulfur Moieties”*.
- 11.2007 – 11.2008 B.Sc. research with Prof. RNDr. Martin Katora, CSc., Faculty of Science, Charles University, Czech Republic: *“Synthesis of C-Organyldeoxyriboside Derivatives”*.
- 09.2002 – 05.2006 General qualification for university entrance (Graduation with distinction), Gymnázium Nové Zámky, Slovakia.

Employments

- 06.2012 – 08.2019 PhD student, Institute of Organic Chemistry and Biochemistry AS CR.

08.2009 – 05.2012 Technician, Institute of Organic Chemistry and Biochemistry AS CR.
07.2008 – 09.2008 Laboratory assistant, Faculty of Science, Charles University.

Teaching Experience

11.2013 Supervision of lab course in basic organic chemistry, Charles University, Czech Republic.
04.2017 – 08.2017 Supervision of Master student (Paul Tcherkawsky).

Publications

1. 'Modular Synthesis of 1- α - and 1- β -(Indol-2-yl)-2'-deoxyribose C-Nucleosides', Nečas, D.; Hidasová, D.; Hocek, M.; Katora, M.: *Org. Biomol. Chem.*, **2011**, *9*, 5934-5937.
2. 'Metallothionein-Inspired Prototype of Molecular Pincer', Voltrová, S.; Hidasová, D.; Genzer, J.; Šrogl, J.: *Chem. Commun.*, **2011**, *47*, 8067-8069.
3. 'Oxidative Catalysis Using the Stoichiometric Oxidant as a Reagent: An Efficient Strategy for Single-Electron-Transfer-Induced Tandem Anion-Radical Reactions', Kafka, F.; Holan, M.; Hidasová, D.; Pohl, R.; Klepetářová, B.; Císařová, I.; Jahn, U.: *Angew. Chem. Int. Ed.*, **2014**, *53*, 9944-9948.
4. 'Intermolecular Formation of Two C-C Bonds across Olefins Enabled by Boron Based Relay Strategies', Hidasová, D.; Jahn, U.: *Angew. Chem. Int. Ed.*, **2017**, *56*, 9656-9658.
5. 'Diastereoselective Radical Couplings Enable the Asymmetric Synthesis of *anti*- β -Amino- α -hydroxy Carboxylic Acid Derivatives', Hidasová, D.; Janák, M.; Jahn, E.; Císařová, I.; Jones, P. G.; Jahn, U.: *Eur. J. Org. Chem.*, **2018**, *37*, 5222-5230.

Awards

- 2016 - Early Career Researcher Award (for best flash presentation, European Lead Factory).
2016 - Selected participant of the European Lead Factory Early Career Researchers Meeting (Lisbon, Portugal).
2016 - Selected participant of the European Lead Factory Early Career Researchers Meeting (Barcelona, Spain).

2014 - Selected participant of the Sigma-Aldrich Conference of Young Chemists, Biochemists and Molecular Biologists (Milovy, Czech Republic).

Conference Contributions

1. 'Asymmetric Tandem Aza-Michael Addition/Oxygenation Reactions as a Versatile Method to β -Amino- α -hydroxy Acid Derivatives', Hidasová, D.; Jahn, U., oral presentation, 51st Advances in Organic, Bioorganic and Pharmaceutical Chemistry, Lázně Bělohrad, Czech Republic, 11.11.2016 – 13.11.2016.
2. 'Aza-Michael Addition/Radical Reactions as a New Strategy for the Total Syntheses of (-)- α -Kainic Acid and Natural β -Amino- α -hydroxy Acid Derivatives', Hidasová, D.; Jahn, U., flash & poster presentation, European Lead Factory Early Career Researchers Meeting, Lisbon, Portugal, 3.11.2016 – 4.11.2016.
3. 'Asymmetric Tandem Aza-Michael Addition/Oxygenation Reactions as a Versatile Method to β -Amino- α -hydroxy Acid Derivatives', Hidasová, D.; Jahn, U., flash & poster presentation, European Lead Factory Early Career Researchers Meeting, Barcelona, Spain, 21.1.2016 – 22.1.2016.
4. 'Asymmetric Synthesis of β -Amino- α -hydroxy Esters *via* SET-Induced Tandem Processes: Application to the Total Synthesis of Natural Products with *anti*- β -Amino- α -hydroxy Acid Motif', Hidasová, D.; Jahn, U., poster presentation, 50th Advances in Organic, Bioorganic and Pharmaceutical Chemistry, Olomouc, Czech Republic, 6.11.2015 – 8.11.2015.
5. 'An Efficient Approach to Highly Functionalized Nitrogen Heterocycles *via* Oxidative SET Catalysis', Hidasová, D.; Jahn, U., poster presentation, 7th Pacific Symposium on Radical Chemistry, Singapore, 15.7.2015 – 18.7.2015.
6. 'An Efficient Approach to Highly Functionalized Nitrogen Heterocycles *via* Oxidative SET Catalysis', Hidasová, D.; Jahn, U., poster presentation, 49th Advances in Organic, Bioorganic and Pharmaceutical Chemistry, Lázně Bělohrad, Czech Republic, 7.11.2014 – 9.11.2014.
7. 'A Method for the Asymmetric Synthesis of β -Amino- α -hydroxy Esters Induced by Single-Electron-Transfer Oxidation/Radical α -Oxygenation', Hidasová, D.; Jahn, U., poster presentation, EuCheMS Conference on Organic Free Radicals, Prague, Czech Republic, 29.6.2014 – 4.7.2014.
8. 'Asymmetric Synthesis of β -Amino- α -hydroxy esters: Application to the Synthesis of the Unusual Larginamide H Amino Acid', Hidasová, D.; Jahn, U., poster presentation, Sigma-

Aldrich Conference of Young Chemists, Biochemists and Molecular Biologists, Milovy, Czech Republic, 13.5.2014 – 16.5.2014.

9. 'A Method for the Asymmetric Synthesis of β -Amino- α -hydroxy Acids and its Application Towards the Preparation of Biologically Interesting Molecules', Hidasová, D.; Janák, M.; Jahn, U., poster presentation, 48th Advances in Organic, Bioorganic and Pharmaceutical Chemistry, Špindlerův Mlýn, Czech Republic, 1.11.2013 – 3.11.2013.

10. 'Effective Scavenging of Heavy Metals by Organosulfur Moieties', Hidasová, D.; Šrogl, J., poster presentation, 44th Advances in Organic, Bioorganic and Pharmaceutical Chemistry, Nymburk, Czech Republic, 27.11.2009 – 29.11.2009.

11. 'Cross-Coupling Reactions of 1-Ethynyldeoxyribose', Hidasová, D.; Nečas, D.; Kotora, M., poster presentation, 43th Advances in Organic, Bioorganic and Pharmaceutical Chemistry, Nymburk, Czech Republic, 14.11.2008 – 16.11.2008.

Other Qualifications

Languages	Slovak (native), Czech (native), English (fluent), German (proficient)
Technical	Skilled operator of IR and HPLC instruments and software Experienced with chemistry software (CS ChemOffice, Scifinder, Reaxys)

Prague, July 2019.