



Curriculum vitae
Ing. Lucia Kleščíková, PhD.

Address: Polymer institute SAS, Dúbravská cesta 9, 845 41 Bratislava 45

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09/2015 to present: **Research Scientists**, Polymer Institute, Slovak Academy of Sciences, Bratislava

Education:

PhD. in Organic chemistry (2015-2011), Slovak University of Technology in Bratislava, Faculty of Chemical and Food Technology, Institute of Organic Chemistry, Catalysis and Petrochemistry, Bratislava, Slovak Republic. Supervisor: Prof. Ing. Ľubor Fišera, DrSc.; Thesis: *Šynthesis and utilization of novel 4-bromosubstituted 2,3-dihydroisoxazoles.*

Master degree in Organic chemistry (2011-2009), Slovak University of Technology in Bratislava, Faculty of Chemical and Food Technology, Institute of Organic Chemistry, Catalysis and Petrochemistry, Bratislava, Slovak Republic. Supervisor: Prof. Ing. Ľubor Fišera, DrSc.; Thesis: *ŠUtilization of chiral cyclic nitrones in the synthesis of polyhydroxylated alkaloids.*

Bachelor degree (2009-2006), Slovak University of Technology in Bratislava, Faculty of Chemical and Food Technology, Institute of Organic Chemistry, Catalysis and Petrochemistry, Bratislava, Slovak Republic. Supervisor: Ing. Branislav Dugovič, PhD.; Thesis: *ŠNitrones as building blocks for the synthesis of unusual carbohydrates and aminoacids derivatives.*

Scientific techniques and skills:

- Organic synthesis
- Spectroscopic methods: NMR, UV-VIS, FT-IR, MS,
- Chromatographic techniques: MPLC, FLC, TLC

Additional skills:

- Languages: Slovak, Czech, German, English
- Good PC skills (Ms Office, Chem Draw, Accelrys draw, Mestre-C, MestReNova)
- Database (Reaxys, Scopus, ScienceFinder, ScienceDirect, etc.)

Publications:

L. Kle-íková, J. Dohá o-ová, R. Fischer. *š4-Bromo-2,3-dihydroisoxazoles: Synthesis and application in the halogen-lithium exchange reactions.ö Tetrahedron* **2015**, 71, 6112-6115.

G. Podolan, L. Kle-íková, . Fi-era, M. Koflí-ek, M. Fronc. *šEfficient synthesis of tetrahydroxylated pyrrolizidines by nitrene cycloaddition leading to unnatural stereoisomers of 7-deoxycasuarine.ö Synlett* **2011**, 12, 1668-1672.

Conferences:

Kle-íková, L.; Fischer, R.; Fi-era, L.; Tóral, M. *šNovel 4-bromo-2,3-dihydroisoxazoles: synthesis and applications.ö In XXXIst Conference of Organic Chemists. Advances in Organic Chemistry, Smolenice, 2014 : Book of Abstracts. Bratislava: RádioPrint, 2014, s. 60.*

Kle-íková, L.; Fischer, R.; Fi-era, L. *šThe preparation of new 4-bromo-2,3-dihydroisoxazoles and their utilization in the synthesis.ö In Interaktívna konferencia Mladých vedcov 2014 [elektronický zdroj] : Book of abstracts. Bratislava, 7.5. - 6.6. 2014. Banská Bystrica: OZ Preveda, 2014.*

Kle-íková, L.; Fischer, R.; Fi-era, L. *šSynthesis of new 4-halogen-2,3-dihydroisoxazoles.ö In 15th BDSHC Blue Danube Symposium on Heterocyclic Chemistry, September 1st-5th, 2013, Olomouc, Czech Republic : Book of Abstracts. Brno: Tribun EU, 2013.*