

Curriculum Vitae

Personal data:

Name: Ambroz Almássy
Address: Institute of Physical Chemistry
University of Debrecen
Debrecen 10, H-4010 Hungary
E-mail: almassy@fns.uniba.sk
Date of birth: 18th July 1976 (Bratislava, Czechoslovakia)

Education:

- 2000-2003 postgraduate study at *Faculty of Natural Sciences*, Comenius University, Bratislava, Slovakia (Organic Chemistry). PhD. thesis: "Stereoselective synthesis of hydroazulene derivatives using organometallic compounds of iron."
- March-June 2002 *Laboratoire de Chimie des Hétérocycles et des Glucides*, ENSCCF – Université Blaise Pascal, Clermont-Ferrand, France (Prof. Yves Troin, SOCRATES exchange program)
- May-June 1999 *Akademia Techniczno-Rolnicza*, Bydgoszcz, Poland (Prof. Ryszard Gawinecki, CEEPUS exchange program)
- 1995-2000 *Faculty of Natural Sciences*, Comenius University, Bratislava, Slovakia graduated cum laude with MSc. degree in Organic Chemistry. Diploma thesis: "Synthesis of 2,6-dimethyltropone – Separation of enantiomers of tricarbonyl-methyltropone iron complexes."
- 1990-1995 *Secondary School of Chemistry*, Bratislava, Slovakia, graduated cum laude (Analytical Chemistry)

Work experiences:

- October 2006 Laboratory of Prof. Joó Ferenc, Department of Physical Chemistry, University of Debrecen, Hungary: *Preparation of water soluble carbene complexes of transition metals* (Aquachem Project), Postdoctoral research associate.
- July-August 2006 Laboratory of Assoc. Prof. Martin Putala, Faculty of Natural Sciences, Comenius University, Bratislava, Slovakia: *Preparation of chiral binaphthyl based ligands*. (LigBank Project)
- April-June 2006 Group of Prof. Dr. Walter Leitner, *Institut für Technische und Makromolekulare Chemie*, RWTH, Aachen, Germany (LigBank Project)
- 2001-2005 Teaching of *Laboratory practice in organic chemistry and Spectral methods*.
- 2005 Laboratory of Prof. Štefan Toma, Faculty of Natural Sciences, Comenius University, Bratislava, Slovakia: *Preparation of chiral [5]ferrocenophane based ligands*. (LigBank Project)
- 2004 Laboratory of Assoc. Prof. Marta Sališová, Faculty of Natural Sciences, Comenius University, Bratislava, Slovakia: *Using of 2-hydroxy-2-methyltetralone as chiral auxiliary in stereoselective synthesis of α -aminoacids*.

Membership of the professional boards:

- Slovak Chemical Society

Publications:

- *Synthesis of 2,6-Dimethyltropone – A New, Convenient Methodology from 2,6-Dimethylcyclohexanone*
Almássy A., Pažický M., Boháč A., Sališová M., Addová G., Rosenblum M.: *Synthesis*, 12, **2002**, 1695-1700.

- *Thermodynamic and kinetic parameters associated with the fluxional behavior of 2-methyl- and 2,6-dimethyltroponeiron tricarbonyl complexes*
Almássy A., Horváth B., Boháč A., Sališová M., Addová G., Rosenblum M.:
J. Organometallic Chem., 686, **2004**, 1131-1138.
- *New [5]ferrocenophane diphosphine ligands for Pd-catalyzed allylic substitution*
Šebesta R., Almássy A., Císařová I., Toma Š.: *Tetrahedron Asymmetry*, 17, **2006**,
2531-2537.

Professional skills:

- Experience in synthetic organic chemistry laboratories including asymmetric synthesis and organometallic chemistry.
- Experience in analytical methods: chiral HPLC, GC.
- Experience in spectral methods. Determination of structures using different NMR techniques. Working with *in situ* ATR-FT-IR spectrometer.
- PC skills including MS Office (Word, Excel, Power Point), Origin, WinNMR, ChemOffice, SciFinder, Beilstein CrossFire

Language skills:

- Slovak (native)
- Czech (fluently)
- English (good)
- German (basic)