

## CURRICULUM VITAE

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**Date of birth:** August 9, 1970

**Place of birth:** Adjud - Vrancea

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### **Education:**

- The Industrial Lyceum of Adjud (1984 - 1988).
- Faculty of Chemistry - "Al. I. Cuza" University of Iasi, section chemistry, specialisation organic chemistry (1990 - 1995).
- Master's degree of Faculty of Chemistry - "Al. I. Cuza" University of Iasi, specialisation "Chemistry of Heterocycles" (1995 - 1996).
- Ph.D., "Al. I. Cuza" University of Iasi, Romania; Public defence: May 26, 2000.
- Habilitation, "Al. I. Cuza" University of Iasi - June 2015.

### **Academic and professional positions:**

- Preparator, Faculty of Chemistry - "Al. I. Cuza" University of Iasi, 1996-1998.
- Assistant, Faculty of Chemistry - "Al. I. Cuza" University of Iasi, 1998-2001.
- Lecturer, Faculty of Chemistry - "Al. I. Cuza" University of Iasi, 2001-2006.
- Associate Professor, Faculty of Chemistry - "Al. I. Cuza" University of Iasi, 2006-2015.
- Professor in the Department of Chemistry - "Al. I. Cuza" University of Iasi, since 2015.
- Head of Chemistry Department, Faculty of Chemistry - "Al. I. Cuza" University of Iasi, since 2008.
- **Member of the Alexander von Humboldt Foundation**, since 2003.

**Fellowships:** - Bar-Ilan University, Israel, October 2000 – September 2002.

- Alexander von Humboldt Foundation fellowship in Institute of Organic Chemistry, Technical University Braunschweig, Hagenring 30, D-38106, Braunschweig, 2003-2005.

- Alexander von Humboldt Foundation return fellowships, Institute of Organic Chemistry, Technical University Braunschweig, 2006, 2007, 2008, 2012, 2016.

**Visiting professorships:** Technical University Braunschweig, 2006-2019.

**Areas of research:** organic synthesis, cyclophanes, acetylenes, allenes, sulfur compounds, carbanions and elimination reactions.

**Publications:**

- 35 books/contribution to books:

- 1 published by Georg Thieme Verlag (Braverman, S.; Cherkinsky, M.; **Birsa, M. L.**,  $X=C=X$ ,  $X=O$ , *S*, *Se*, *Te*, *N*, *P*.  $CO_2$ ,  $COS$ ,  $CS_2$ , *Isocyanates*, *Isothiocyanates*, *Carbodiimides*, *Se*, *Te*, *P* Analogs in *Science of Synthesis, Houben-Weyl Methods of Molecular Transformations*, Georg Thieme Verlag, Stuttgart, Vol. 18.2; 2005, pp 55-310).

- 30 published by John Wiley & Sons (*Carbanions and Electrophilic Aliphatic Substitution in Organic Reaction Mechanisms* and *Elimination Reactions in Organic Reaction Mechanisms* series, Knipe, A. C. Ed., John Wiley & Sons, Chichester).

- 112 scientific papers.

- 1 international patent and 15 contributions to academic conferences.

**Foreign languages:** English

**Referees :** - **Prof. dr. Henning Hopf**, Institute for Organic Chemistry, Technical University Braunschweig, Hagenring 30, D-38106, Braunschweig, Germany; e-mail: [h.hopf@tu-bs.de](mailto:h.hopf@tu-bs.de); fax: +495313915388

- **Prof. dr. Samuel Braverman**, "Bar-Ilan" University, Department of Chemistry, 52900 Ramat-Gan, Israel 52900; e-mail: [bravers@mail.biu.ac.il](mailto:bravers@mail.biu.ac.il) ; fax: +97235351250

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