

CURRICULUM VITAE

Mihail Lucian BIRSA

University professor, Faculty of Chemistry

"Alexandru Ioan Cuza" University of Iasi

11, Carol I Bvd.

Iasi - 700506

Romania

Tel: + 40 232 201349; Fax: + 40 232 201313; E-mail: lbirsa@uaic.ro

<https://www.brainmap.ro/mihail-lucian-birsa>

Brainmap ID: U-1700-029T-6727

Web of Science ResearcherID: [C-1568-2012](#)

<https://orcid.org/0000-0003-4483-873X>

[Scopus Author ID: 55915403000](#)

Date of birth: August 9, 1970

Permanent address: Iasi, Romania

Education:

- 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, 2023.

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

Publications:

- 47 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. CO₂, COS, CS₂, 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).

- 40 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).

- 127 scientific papers.

- 1 international patent and 25 contributions to academic conferences.

- H-index: 26; 1177 - citations

- Editorial board member: + 50 journals (*Applied Sciences, Arkivoc, BioChem, Edelweiss Chemical Science Journal, Journal of Medicinal Chemistry and Drug Design, Journal of Fine Chemical Engineering, Modern Approaches in Drug Designing, Pharmaceuticals, Pharmaceutical Toxicology, etc*)

PhD Supervisor: 3 students, since 2014

Research grants as director/coordinator:

- 1 international: "Alexander von Humboldt" Foundation, RUM-1113505, 2003

- 5 national: Contract CEEEX modul II, ET 5902 / 18.09.2006; Contract PN II – IDEI cod 2095 / 2008; Contract PN II – PARTENERIATE nr 51/2011; Contract PN III - 152PED/cod PN-III-P2-2.1-PED-2016-1817; PD grant as mentor - PI 2018

Invited lecturer: Madrid 2003; Sofia 2006; Braunschweig 2006-2019, 2023; Torino 2007; Florenta 2010; Hersonissos 2011; Iasi 2014 (UAIC), 2017 (P. Poni), 2019 (Museum Cernatescu); Roma 2018, 2019; Londra 2018; Viena 2019; Craiova 2021; Lille 2023

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; fax: +495313915388

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



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