Curriculum Vitae



Prof. (Emeritus) dr. Ion Grosu
Babeș-Bolyai University, Center of Supramolecular Organic and Organometallic Chemistry, Group of Organic and Supramolecular Chemistry
Corresponding Member of the Romanian Academy (since 2014)
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Address: 23-35, B-l 21 Decembrie 1989, ap. 81, 400105, Cluj-Napoca, Romania
Date and place of birth: 27.06.1955; Cluj-Napoca, Romania
Nationality: Romanian
Civil Status: married; two children

Research areas

Supramolecular Chemistry (macrocycles, cyclophanes, cryptands, molecular machines and self-assemblied supramolecular architectures
Stereochemistry of organic compounds (molecular and supramolecular chirality, conformational analysis
Saturated (1,3-dioxanes, 1,3-dithianes and 1,3-oxathianes) and aromatic (phenothiazines, bithiofenes and terpyridines) heterocycles
Organic Solar Cells Celule solare organice (donors, acceptors and unicomponent cells)

Positions
2023-present professor emeritus, Babeș-Bolyai University, Department of Chemistry
1997-2023 professor, Babeș-Bolyai University, Department of Chemistry;
9-10/2012 invited professor (2 months) University of Montpellier 2 (France); (top 300, ARWU);
7/2009 invited professor (1 month) University of Angers (France);
8/2008 invited professor (1/2 month) Humboldt University (Berlin, Germany);
4-7/2005 invited professor (4 months) University of Rouen (France);
4-7/2004 invited professor (4 months) University of Rouen (France);
2-7/2003 invited professor (6 months) University of Rouen (France);
1-6/2002 invited professor (6 months) University of Rouen (France);
10/1999-1/2000 invited researcher (CNRS, 4 months) University of Rouen (France);
1995-1997 associate professor, Babeș-Bolyai University, Department of Chemistry;
1990-1995lecturer, Babeș-Bolyai University, Department of Chemistry;
11/1994-8/1995 invited researcher, Instituto de Quimica de la UNAM (Mexico DF, Mexico) CONACYT program;
1980-1990, chemistry teacher, High School for Informatics, Cluj-Napoca, Romania.

Education
1990-1993; PhD thesis in organic chemistry (PhD adviser: Prof. dr. Sorin Mager). Title: "Contributions to the conformational analysis of some 1,3-dioxane derivatives";
1979-1980, Master organic chemistry;
1975-1979, License in Chemistry.

Stages abroad (others then those mentioned at positions)
Short visits (scientific collaborations):
University of Rouen (France) (financed by this university): 1993 (1 month); 1995 (1 month); 1996 (1 month); 1998 (1 month); 2000 (two months);
University of Würzburg (financed by DAAD as experimented researcher): 1997 (three months); 2001 (two months); 2006 (two months).

Foreign Languages: French (excellent); English (very good), Hungarian (basic in writing and fluent for oral)

Awards: "C. D. Neniţescu" prize of the Romanian Academy for the original contributions concerning the „Conformational Analysis of 1,3-Dioxane Derivatives"; 1994 (co-authors: Sorin Mager, Mihai Horn and Dalila Kovacs)

Publications: 165 papers in ISI journals, **Hirsch factor**: 24, **total number of citations**: 1740 (WOS)

Researcher ID: B-8088-2011; **ORCID**: 0000-0003-3754-854X

Invited lectures: Rouen, June 19th 2003, Montreal (UQAM): October 4th 2005, Barcelona: February 16th 2005; Lille: June 16th 2006; Heidelberg: August 21st 2006; Würzburg: September 20th 2006; Braunschweig: April 15th 2009; Humboldt, Berlin: July 8th 2009; Angers: July 1st 2009; Athens, Greece: May 17th 2010; Montpellier September 21st 2012; Braunschweig: June 25th 2014).

Member of the American Chemical Society and of the Romanian Chemical Society
Member of the Editorial Board for Revue Roumaine de Chimie, Studia Universitatis Babes-Bolyai, Chemia and Open Journal of Organic Chemistry

PhD advisor since 1999; 33 defended thesis, 9 of them in joined programs with universities of France. Three thesis in cooperation with the University of Rouen [co-advisor Prof. dr. Gérard Plé; Mirela Balog (2004); Niculina Bogdan and Carmen Florian (2006), a thesis in collaboration with the University of Lille 2 [co-advisor prof. dr. Patricia Melnyk; Emilia Paunescu (2007)] and 4 thesis in collaboration with the University of Angers [co-advisors D.R. dr. Jean Roncali; Dora Demeter (2008), Flavia Piron (Pop) (2009), Ioana Dobra (2012), Andreea Diac (2015) and D.R. dr. Narcis Avarvari; Alexandra Bogdan (2023)]

Codirector (with Acad. prof. Cristian Silvestru) of the Center of Supramolecular Organic and Organometallic Chemistry (CCSOOM) and group leader (Group of Organic and Supramolecular Chemistry, part of CCSOOM).

Research group leader starting with 2004, director of many research national and international research grants:

Research grants
Grant director for 4 international projects and 10 national projects and partner responsible for 7 national projects

26th of January, 2026

Prof. dr. Ion Grosu
Corresponding Member of the Romanian Academy

