

Curriculum Vitae

Prof. dr. Ion Grosu

Babeş-Bolyai University, Center of Supramolecular Organic and Organometallic Chemistry, Group of Organic and Supramolecular Chemistry
Corresponding Member of the Romanian Academy (since 2014)

Director of the Chemistry Doctoral School (since 2012)

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Address: 23-35, B-1 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



Positions

1997-2020(present) professor, Babeş-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, Babeş-Bolyai University, Department of Chemistry;
1990-1995 lecturer, Babeş-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. Nenişescu" 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: 138 papers in ISI journals, **Hirsch factor:** 18, **total number of citations:** 1118 (Scopus)

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; 27 defended thesis, 8 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-advisor D.R. dr. Jean Roncali; Dora Demeter (2008), Flavia Piron (Pop) (2009), Ioana Dobra (2012), Andreea Diac (2015)]

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:

Director or responsible partner (selected grants)

1. Project PN-II-ID-JRP-RO-FR-2012-0088: Dynamic Biomaterials with Multivalent Recognition Properties (DYNMULTIREC): 2014-2016 in partnership with University of Montpellier, France. UBB budget: 250000 euro

2. Project cod: PN-II-ID-PCE-2012-4-248

Title: **New innovative mechanically interconnected molecular systems**

Duration: 2013-2016; budget: 1270000 lei

3. Project cod: PNII-ID-PCCE-2011-2-0050 (CNCS); Partner 2:

Title: *Design of organic spacers for constructing metal-organic frameworks (MOFs) – towards a better control of the porous architecture and active catalytic sites*

Project director: Acad. Marius Andruh, University of Bucuresti

UBB responsible (partner 2): Prof. Dr. Ion Grosu

Duration: 2012-2016 ; Budget (partner) : 1375000 lei

4. Project cod: Project PN-III-P4-ID-PCCF-2016-0088; Partner 2:

Title: *Functionalized hierarchical structures on graphene exhibiting magnetic, adsorption and catalytic properties*

Project director: Acad. Marius Andruh, University of Bucuresti

UBB responsible (partner 2): Prof. Dr. Ion Grosu

Duration: 2018-2022 ; Budget (partner) : 2125000 lei

30th of March, 2020

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