

**Irina Ielciu****Date of birth:** | **Nationality:** | **Gender:** |**Phone number:** (+40) 374834005 (Work) | **Email address:**| **Email address:** irina.ielciu@umfcluj.ro | **LinkedIn:**<https://www.linkedin.com/in/irina-ielciu-702857ab/> |**Address:** 23 Gheorghe Marinescu street, 3rd floor, 400337, Cluj-Napoca, Romania (Work)**WORK EXPERIENCE**

01/10/2018 - CURRENT Cluj-Napoca, Romania

LECTURER PHARMACEUTICAL BOTANY DEPARTMENT, FACULTY OF PHARMACY, "IULIU HAȚIEGANU" UNIVERSITY OF MEDICINE AND

Courses:

- Cell Biology, 2nd year, French study program (1st semester)

Practical Works:

- Pharmaceutical Botany, 1st year, Romanian and French study programs (1st and 2nd semester);
- Cell Biology, 2nd year, Romanian and French study programs (1st semester);
- Pharmacogenetics, 2nd year, Romanian and French study programs (2nd semester).

Address 23 Gheorghe Marinescu street, 400337, Cluj-Napoca, Romania | **Website** <http://www.umfcluj.ro/>

25/02/2013 - 24/02/2018 Cluj-Napoca, Romania

ASSISTANT PROFESSOR PHARMACEUTICAL BOTANY DEPARTMENT, FACULTY OF PHARMACY, "IULIU HAȚIEGANU" UNIVERSITY OF MEDICINE AND

Practical Works:

- Pharmaceutical Botany, 1st year, Romanian and French study programs (1st and 2nd semester);
- Cell Biology, 2nd year, Romanian and French study programs (1st semester);
- Pharmacogenetics, 2nd year, Romanian and French study programs (2nd semester).

Address 23 Gheorghe Marinescu street, 3rd floor, 400337, Cluj-Napoca, Romania | **Website** <http://www.umfcluj.ro>

01/10/2012 - 22/02/2013 Cluj-Napoca, Romania

TEACHING COLLABORATOR PHARMACEUTICAL BOTANY DEPARTMENT, FACULTY OF PHARMACY, "IULIU HAȚIEGANU" UNIVERSITY OF MEDICINE AND

Practical Works:

- Pharmaceutical Botany, 1st year, Romanian and French study programs (1st and 2nd semester);

Address 12 Ion Creangă street, 3rd floor, 400010, Cluj-Napoca, Romania | **Website** <http://www.umfcluj.ro>**EDUCATION AND TRAINING**

24/08/2015 - 11/07/2017 Liège, Belgium

PHD IN BIOMEDICAL AND PHARMACEUTICAL SCIENCES Université de Liège

PhD thesis title: Comparative pharmacobotanical study of some species belonging to Cucurbitaceae family

Address Place du 20-Août, 7, 4000, Liège, Belgium | **Website** www.ulg.ac.be

01/10/2012 - 11/07/2017 Cluj-Napoca, Romania

PHD IN PHARMACY "Iuliu Hațieganu" University of Medicine and Pharmacy

PhD thesis title: Studiul farmacobotanic comparativ al unor specii aparținând familiei Cucurbitaceae

Address 8 Victor Babeș street, 400012, Cluj-Napoca, Romania | Website <http://www.umfcluj.ro>

01/01/2013 - 22/11/2022 Cluj-Napoca, Romania

CLINICAL PHARMACY SPECIALIST Clinical Municipal Hospital

Address 11 Tăbăcarilor street, 400139, Cluj-Napoca, Romania | Website <http://www.scmcj.ro/>

01/10/2007 - 21/09/2012 Cluj-Napoca, Romania

PHARMACIST Faculty of Pharmacy, "Iuliu Hațieganu" University of Medicine and Pharmacy

Address 8 Victor Babeș street, 400012, Cluj-Napoca, Romania | Website <http://www.umfcluj.ro>

LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2
FRENCH	C1	C1	C1	C1	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

ADDITIONAL INFORMATION

CONFERENCES AND SEMINARS

Conferences

- 27-29.09.2023: National Pharmacy Congress, XIXth edition "The Pharmacy today: from tradition to Interdisciplinarity and Artificial Intelligence", Cluj-Napoca, Romania
- 23-25.06.2023: The Symposium of the Romanian Ethnopharmacology Society "From Ethnopharmacology to Phytomedicine", Șirnea, Romania
- 17-20.06.2021: Anniversary Symposium "Romanian Ethnopharmacology at 20 years", Șirnea, Romania
- 10-11.12.2020: Borderless Biomedical Meeting
- 23-24.11.2017: The national Conference with international participation "Nutrition - medicine of the future"
- 02-04.03.2017: The first Aromatherapy Congress in Romania
- 02.2015 - 06.2016: Monthly seminars of the Center for Interdisciplinary Research on Medicines, Liège, (Belgium)
- 14-17.10.2015: International Conference on Natural Products Utilization, Plovdiv (Bulgaria)
- 09.2014 : The National Congress of Pharmacy, Iași (Romania)
- 10.2012 : Symposium "Challenges for today's pharmacists in Romania", Cluj-Napoca (Romania)

PROJECTS

Projects

- Project nr. PN-III-P1-1.1-PD-2019-0967 entitled "Chemical profiling and *in vitro* biological properties of extracts containing rosmarinic acid, obtained from *Thymus* sp. and *Rosmarinus* sp. (Lamiaceae)" - director (2020-2022)
- Project POCU/380/6/13/12571 - The Academy of Medicine Entrepreneurs - member in the target group (2020-2021)
- Project nr. 5PCCDI/2018 entitled „The use of Gamma irradiance in biotechnological processes with bioeconomical applications” - member (2018-2020)
- Financiar Mechanism EES 2009-2014, Programme "Research within priority sectors"- *Molecular authentication of complex herbal food supplements for safety and efficacy* - grant member (2014-2017)

- "Synthesis, characterization, biological activity and comparative study of some 2-aryl-thiazole ammonium quaternary derivatives" - grant director (2011-2013)
- "Contributions to the morpho-anatomical and phytochemical study of *Bryonia alba* L. (Cucurbitaceae)" - grant mentor (2013-2015)

PUBLICATIONS IN EXTENSO

Publications in extenso

31 scientific articles (29 in ISI indexed journals)

ISI citations: 364 (291 without self citations); H-Index ISI: 11 (at. 10.10.2023)

The list with the scientific publications can be found at:

<https://publons.com/researcher/3115617/irina-ielciu/>

https://www.researchgate.net/profile/Irina_Ielciu

PUBLICATIONS IN ABSTRACT IN ISI AND BDI INDEXED BOOKS OF ABSTRACTS

Publications in abstract

- **Irina IELCIU**, Gabriela Adriana FILIP, Ilioara ONIGA, Neli-Kinga OLAH, Ioana BÂLDEA, Diana OLTEANU, Alexandra C. SEVASTRE-BERGHIAN, Daniela BENEDEC, Daniela HANGANU - Evaluation of the oxidative stress and DNA lesions reduction by a polyphenolic enriched extract of *Thymus marschallianus* Willd. in comparison with rosmarinic acid on endothelial vascular cells exposed to hyperglycemia *Medicine and Pharmacy Reports*, Vol. 94, Supplement 4, **2021**, p. 59 (**poster presentation**)
- **Irina IELCIU**, Luc ANGENOT, Ramona PĂLTINEAN, Allison LEDOUX, Laurian VLASE, Gianina CRIȘAN, Michel FRÉDÉRICH - Evaluation of the cucurbitacin content and biological activities of *Ecballium elaterium* (L.) A. Rich.: *Medicine and Pharmacy Reports*, Vol. 92, Supplement 1, **2018**, p. 91 (**poster presentation**)
- Allison LEDOUX, Olivia JANSEN, Alexis St-GELAIS, Ewa CIECKIEWICZ, **Irina IELCIU**, Anne BIALECKI, Joanne BERO, Michel FRÉDÉRICH - New antimalarial compounds isolated from *Poupartia borbonica*, a Mascarene Islands endemic plants: *Planta Medica*, Vol.82, Nr. S01, **2016**, p.S1-S381 (**poster presentation**)
- Ramona PĂLTINEAN, **Irina IELCIU**, Andrei MOCAN, Dan VODNAR, Laurian VLASE, Ana-Maria GHELDIU, Cristina ȘTEFĂNESCU, Georgeta BALICA, Gianina CRIȘAN - Antioxidant, antimicrobial activity and polyphenolic content of the species *Veratrum album* L. (Melanthiaceae): *Clujul Medical*, Vol. 88, Supplement 3, **2015**, p. S111 (**poster presentation**)
- **Irina IELCIU**, Lavinia RUS, Ramona PĂLTINEAN, Laurian VLASE, Gianina CRIȘAN - Preliminary phytochemical studies on some indigenous species belonging to Cucurbitaceae family: *Clujul Medical*, Vol. 87, Supplement 3, **2014**, p. S206 (**poster presentation**)
- Ramona PĂLTINEAN, **Irina IELCIU**, Alina POPA, Gianina CRIȘAN - Morphological and histoanatomical differences between two indigenous *Corydalis* species: *Corydalis cava* L. and *Corydalis solida* L.: *Clujul Medical*, Vol. 87, Supplement 3, **2014**, p. S207 (**poster presentation**)
- **Irina IELCIU**, Lavinia RUS, Ramona PĂLTINEAN, Laurian VLASE, Cristina ȘTEFĂNESCU, Gianina CRIȘAN - Morpho-anatomical study of the *Bryonia alba* L. species: *Clujul Medical*, Vol. 86, Supplement 3, **2013**, p. S348 (**poster presentation**)

BOOKS, BOOK CHAPTERS, PRACTICAL WORKS BOOKS

Books, book chapters, practical works books

- 2021: Cristina ȘTEFĂNESCU, Georgeta BALICA, Ramona PĂLTINEAN, Irina IELCIU, Gianina CRIȘAN - Les bases pratiques de la Botanique Pharmaceutique - cytologie, histologie et anatomie vegetale, Editura Medicală Universitară "Iuliu Hațieganu" Cluj-Napoca, ISBN 978-606-075-012-3
- 2021: Mircea TĂMAȘ, Ilioara ONIGA, Daniela BENEDEC, Simion FLORIAN, Daniela HANGANU, **Irina IELCIU** - Guide for the recognition and harvesting medicinal plants. Spontaneous flora (revised and added version), Risoprint Publishing House, Top Publishing House, ISBN 978-606-9702-16-1
- 2020: Irina Ielciu, Ana-Maria DRĂGAN, Ramona PĂLTINEAN, Andrei MOCAN, Gianina CRIȘAN - Cell cycle inhibitors used in anticancer therapy, Editura Medicală Universitară "Iuliu Hațieganu" Cluj-Napoca, ISBN 978-973-693-959-4
- 2019: Cristina ȘTEFĂNESCU, Georgeta BALICA, **Irina IELCIU**, Andrei MOCAN, Ana-Maria GHELDIU, Gianina CRIȘAN - Therapeutical potential of bacteriophages in infections with antibiotic

resistant bacteria, Editura Medicală Universitară "Iuliu Hațieganu" Cluj-Napoca, ISBN 978-973-693-896-2

- **2013:** Gianina CRIȘAN, Cristina ȘTEFĂNESCU, Irina IELCIU, Andrei MOCAN - PHARMACEUTICAL BOTANY: micro- and macroscopical identification of vegetal species, Editura Medicală Universitară "Iuliu Hațieganu" Cluj-Napoca, ISBN 978-973-693-544-2

TRAININGS AND WORKSHOPS

Trainings and workshops

- 27/11/2017–28/11/2017: Workshop for Writing multiple - choice questions organized by the "Iuliu Hațieganu" University of Medicine and Pharmacy Cluj-Napoca (Romania)
- 20/10/2015–29/04/2016: Course "Structural chemistry of organic medicines" organized by the University of Liège, Faculty of Medicine, Biomedical and Pharmaceutical Sciences Doctoral School, Pharmacognosy Laboratory
- 15/06/2015–20/03/2017: Course "Quality Control of the raw materials of plant origin" organized by the University of Liège, Faculty of Medicine, Biomedical and Pharmaceutical Sciences Doctoral School, Pharmacognosy Laboratory
- 12/11/2012–16/11/2012: Psychopedagogical formation - Prime course for medical teachers - A foundation for teaching and learning organized by the University of Brighton, Prime Partnerships in International Medical Education, Brighton (United Kingdom)

MEMBERSHIPS IN PROFESSIONAL ASSOCIATIONS

Memberships in professional associations

- Association of Romanian Pharmacists
- Romanian Pharmaceutical Sciences Society

HONOURS, AWARDS AND SCHOLARSHIPS

Honours, awards and scholarships

- 01.02.2015: Prize of the "*Camille Hela*" foundation (awarded by the University of Liège)
- Awards of the Research Results - PN-III-P1-1.1-PRECISI-2018-26004: for the article "Phytochemical Analysis, Antioxidant and Antimicrobial Activities of *Helichrysum arenarium* (L.) Moench. and *Antennaria dioica* (L.) Gaertn. Flowers"
- Awards of the Research Results - PN-III-P1-1.1-PRECISI-2016-12922: for the article "KLF17 attenuated estrogen receptor α -mediated signaling by impeding ER α function on chromatin and determines response to endocrine therapy"
- Awards of the Research Results - PN-II-RU-PRECISI-2014-8-6731: for the article "Synthesis and effects of some new 2-aryl-thiazole ammonium salts on isolated ileum motility"
- 27.03.2012: National Congress of Pharmacy Students, XIth edition, Târgu-Mureș - Award of Excellence for the research work "Synthesis, characterization, biological activity and comparative study of some 2-aryl-thiazole ammonium quaternary derivatives"

- 01.02.2015 - 01.02.2016: Research scholarship for PhD students from the Erasmus Plus programme
- 01.03.2016 – 29.04.2016: Erasmus Plus Staff Mobility Training at the University of Liège (Belgium)
- 01.02.2017 – 01.04.2017: Erasmus Plus Staff Mobility Training at the University of Liège (Belgium)

PRESENTATIONS

Presentations

- Irina IELCIU, Alexandra C. SEVASTRE-BERGHIAN, Gabriela Adriana FILIP, Neli-Kinga OLAH, Ramona BURTESCU, Timea BAB, Lucia ALB, Iliora ONIGA, Daniela BENEDEC, Daniela HANGANU - New therapeutical approaches of the species *Thymus marschallianus* Willd. - The Symposium of the Romanian Ethnopharmacology Society "From Ethnopharmacology to Phytomedicine", Șirnea, Romania
- Irina IELCIU, Bogdan SEVASTRE, Neli-Kinga OLAH, Andreea TURDEAN, Elisabeta CHIȘE, Iliora ONIGA, Alina UIFĂLEAN, Alexandra C. SEVASTRE-BERGHIAN, Mihaela NICULAE, Raluca MARICA, Daniela BENEDEC, Daniela HANGANU - Hepatoprotective and antioxidant activities of a *Rosmarinus officinalis* L. shoots tincture - Anniversary Symposium "Romanian Ethnopharmacology at 20 years" (**oral presentation**)
- Irina IELCIU, Ramona PĂLTINEAN, Ewa CIECKIEWICZ, Jean-Noël Wauters, Monique TITS, Gianina CRIȘAN, Laurian VLASE, Michel FRÉDÉRICH - HPLC-DAD identification of some flavonoids from the

- leaves and aerial parts of *Bryonia alba* L. species spontaneous in the Romanian flora - International Conference on Natural Products Utilization, Plovdiv, **2015 (poster presentation)**
- PĂLTINEAN Ramona, MOCAN Andrei, VLASE Laurian, GHELDIU Ana-Maria, CRIȘAN Ovidiu, **IELCIU Irina**, CRIȘAN Gianina - LC-UV-MS analysis and antioxidant activity of phenolic compounds from five species of *Fumaria* belonging to the Romanian spontaneous flora - International Conference on Natural Products Utilization, Plovdiv, **2015 (poster presentation)**
 - **Irina IELCIU**, Lavinia RUS, Ramona PĂLTINEAN, Laurian VLASE, Cristina ȘTEFĂNESCU, Gianina CRIȘAN - Morphological and histo-anatomical reserches on the indigenous species *Bryonia alba* L. (Cucurbitaceae) - National Congress of Pharmacy, Iași, **2014 (poster presentation)**
 - **Irina IELCIU** - Safety of OTC drugs used during pregnancy - Symposium "Challenges for today's pharmacists in Romania", Cluj-Napoca, **2012 (oral presentation)**
 - **Irina IELCIU**, Oliviu VOȘTINARU, Cristina MOGOȘAN, Laurian VLASE, Adrian PÂRNĂU, Mariana PALAGE - Synthesis of some quaternary ammonium compounds having a 2-arylthiazolic moiety and study of their biological activity on isolated Guinea pig ileum - Days of the "Iuliu Hațieganu" University of Medicine and Pharmacy, Cluj-Napoca, **2012 (poster presentation)**
 - **Irina IELCIU**, Mariana PALAGE - Synthesis, characterization, biological activity and comparative study of some 2-aryl-thiazole ammonium quaternary derivatives - National Congress of Pharmacy Students, Târgu-Mureș, **2012 (oral presentation)**
 - **Irina IELCIU**, Mariana PALAGE - SSynthesis of some quaternary ammonium compounds having a 2-aryl-thiazolic moiety -National Congress of Pharmacy Students, Iași, **2011 (oral presentation)**

VOLUNTEERING

Volunteering

- 26.09 - 06.12.2011: President of the Pharmaceutical Students' Organisation in Cluj-Napoca
- 2007-2012 : active volunteer - Pharmaceutical Students' Organisation in Cluj-Napoca and Federation of Pharmaceutical Students' Associations in Romania
- 2004-2006 : active volunteer - Center for Anti-drug Prevention, Evaluation and Consiliation in Cluj-Napoca