PERSONAL INFORMATION

RUSE Grațiana

+40 256 494 604

gratiana.ruse@umft.ro

“Victor Babeș” University of Medicine and Pharmacy of Timișoara (2 Eftimie Murgu Square, 300041 Timișoara, Romania)

WORK EXPERIENCE

October 2026 – present

Lecturer

University Clinic of Toxicology, Drug Industry, Management, Legislation and Dermatopharmacy

“Victor Babeș” University of Medicine and Pharmacy of Timișoara (2 Eftimie Murgu Square, 300041 Timișoara, Romania)

Main activities and responsibilities

- Delivering lectures to students
- Conducting practical sessions for students
- Preparing and updating teaching materials
- Conducting scientific research

October 2021 – 2026

Teaching Assistant

Discipline of Pharmaceutical Botany

“Victor Babeș” University of Medicine and Pharmacy of Timișoara (2 Eftimie Murgu Square, 300041 Timișoara, Romania)

Main activities and responsibilities

- Conducting practical sessions for students (Romanian-, French- and English-language programmes)
- Preparing the materials required for practical sessions
- Conducting scientific research

2021 – 2023

Resident Pharmacist – General Pharmacy

“**Pius Brînzeu” County Emergency Clinical Hospital, Timișoara**

2019 – 2021

Chief Pharmacist

SANOFAM, Timișoara

Main activities and responsibilities

- Financial management of the organisation
- Relations with medicine suppliers
- Patient counselling

2018 – 2019

Pharmaceutical Analyst

STADA HEMOFARM, Timișoara

Main activities and responsibilities

- Analysis, validation and transfer of analytical procedures for medicinal products
- Performing HPLC analyses: assay, content uniformity, impurities, dissolution
- Preparing the solutions required for analysis and analysing them on Agilent HPLC systems
- Processing the results in OpenLab
- Compiling the analytical documentation for medicinal products
- Completing physicochemical test reports

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2016 – 2018

Chief Production Pharmacist

AMNIOCEN, Timișoara

Main activities and responsibilities

- Ensuring an optimal flow of raw materials and production
- Coordinating the team of operators
- Formulation research on various pharmaceutical preparations and dermato-cosmetic products
- Market launch of the pharmaceutical products Decasept spray for adults and Decasept spray for children
- Market launch of the Pure Stem dermato-cosmetic range (day cream, night cream, cleansing milk and micellar water)

2014 – 2016

Pharmacist

Buna Vestire Pharmacy, Timișoara

Main activities and responsibilities

- Responsible for extemporaneous compounding: preparation of aqueous, alcoholic and glycerinated solutions
- Preparation of officinal formulations: ointments, creams, suppositories, pessaries
- Patient counselling
- Dispensing of prescription (Rx) and over-the-counter (OTC) medicines

2007 – 2014

Economist

SC BADIO&PETRUSE SRL, Timișoara

Main activities and responsibilities

- Economic consultancy – reporting on special-regime documents

2004 – 2007

Head of the Marketing Office

SC PASMATEX SA, Timișoara

Main activities and responsibilities

- Coordinating the marketing team
- Developing and implementing the marketing strategy
- Establishing customer relationships and building customer loyalty
- Promoting the product portfolio
- Promoting the Pasmatex corporate image

2002 – 2004

Commercial Director

SC UNIZIP ROMÂNIA SRL, Timișoara

Main activities and responsibilities

- Setting up the Commercial Department of UNIZIP ROMÂNIA
- Building and coordinating the company's sales team
- Developing and implementing the marketing and sales strategy

EDUCATION AND TRAINING

2020 – 2025

PhD in Pharmacy

"**Victor Babeș" University of Medicine and Pharmacy of Timișoara**

Field: Pharmacy; Discipline: Pharmaceutical Botany; Doctoral supervisor: Prof. Dr. Diana Tchiakpe-Antal

Thesis: *Pharmacobotanical Studies on Coffea arabica and Some Extracts from Green Seeds*, defended on 29 September 2025

2023 – 2024

Psycho-pedagogical Module, Levels I and II

West University of Timișoara

Postgraduate studies, Level I – field: Pharmacy

Postgraduate studies, Level II – field: Health

2023 – 2024

Erasmus+ mobility, 03–14 June 2024

University of Calabria, Italy

Project no. 2021-1-RO01-KA220-HED-000088958

2023 – 2024

Professional development programme: Trainer (COR code 242401)

APSAP Training Centre, Bucharest

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2021 – 2023

Specialist Pharmacist – General Pharmacy

"Victor Babeș" University of Medicine and Pharmacy of Timișoara

Certificate no. 1376/07.03.2024

2020 – 2022

Master's Degree in Pharmaceutical Sciences

"Victor Babeș" University of Medicine and Pharmacy of Timișoara

Field: Pharmacy; Master's programme: OTC Medicines, Food Supplements and Cosmetics

2018

Specialist in Gemmotherapy

Romanian Association of Gemmotherapy and Homeopathy

- Acquisition of the theoretical and practical knowledge required to practise gemmotherapy

2009 – 2014

Licentiate Degree in Pharmaceutical Sciences

"Victor Babeș" University of Medicine and Pharmacy of Timișoara

- Acquisition of the theoretical and practical knowledge required to practise the profession of pharmacist

2003 – 2004

Specialist in Management and Managerial Training – Tourism, Hotel and Restaurant Industry

THR-CG, accredited by the Romanian Ministry of Transport, Construction and Tourism

- Organisation and management of tourism companies (travel agency, hotel and restaurant)

2001 – 2003

Master's Degree in Business Financial Administration

West University of Timișoara

- Acquisition of the theoretical and practical knowledge required for the financial administration of businesses

1995 – 1999

Licentiate Degree in Economic Sciences

West University of Timișoara

- Acquisition of the theoretical and practical knowledge required to practise the profession of economist

PERSONAL SKILLS

Mother tongue(s): Romanian

Foreign language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
French	B2	B2	B2	B2	B2

Levels: A1/A2: Basic user – B1/B2: Independent user – C1/C2: Proficient user. Common European Framework of Reference for Languages.

Digital skills: Microsoft Windows and Microsoft Office (Word, Excel, PowerPoint)

Driving licence: Category B

ADDITIONAL INFORMATION

Books

1. Tchiakpe-Antal DS, Jîjie AR, **Ruse G**. *Lab Guide for practical sessions in Pharmaceutical Botany*. "Victor Babeș" Publishing House, Timișoara, 2023, 116 pp., ISBN 978-606-786-335-2.

Articles in journals indexed in ISI Web of Science and international databases

1. **Ruse G**, Avram Ș, Munteanu AM, Iftode OA, Vlase L, Vlase AM, et al. Solvent-guided fractionation of green *Coffea arabica* seeds uncovers divergent antioxidant and mitochondria-targeted activities. *Plants*. 2026;15(10):1494. https://doi.org/10.3390/plants15101494 (IF = 4.1)
2. **Ruse G**, Jîjie A-R, Moacă E-A, Pătrașcu D, Ardelean F, Jojic A-A, Ardelean S, Tchiakpe-Antal D-S. *Coffea arabica*: An Emerging Active Ingredient in Dermato-Cosmetic Applications. *Pharmaceuticals*. 2025;18:171. https://doi.org/10.3390/ph18020171 (IF = 4.8)
3. **Ruse G**, Avram Ș, Jîjie A-R, Vlase A-M, Pătrașcu D, Dumitru R, Drăghici G, Jojic A-A, Ardelean F, Tchiakpe-Antal D-S. Phytochemical profile and a preliminary *in ovo* screening of

the ethanolic extract of *Coffea arabica* green seeds. *Medicine and Pharmacy Reports (Clujul Medical)*. 2025;98(2). https://doi.org/10.15386/mpr-2837

4. **Ruse G**, Tchiakpe-Antal D-S, Moacă E-A, Semenescu A-D, Vlase A-M, Muntean D, Ardelean F, Jojic A-A, Voicu M, Chevereşan A, Hegheş A. Evaluation of anti-melanoma, antibacterial and antioxidant effects of a phytochemically characterized water-soluble fraction from green coffee seeds. *Farmacia*. 2024;72(6). https://doi.org/10.31925/farmacia.2024.6.4 (IF = 1.4)
5. Jojić AA, Paşcalău NA, Antal AG, Uţu D, Muntean D, Vlase L, Vlase AM, Moacă EA, **Ruse G**, Bihoi-Rădoi L, Şoica C, Tchiakpe-Antal DS. Fraction-Dependent Polyphenolic Profile and Biological Activities of *Juniperus communis* Pseudo-Fruit Extracts: Antioxidant, Antimicrobial and Selective Antimelanoma Effects. *Antioxidants (Basel)*. 2026;15(6):738. https://doi.org/10.3390/antiox15060738
6. Jojic A-A, Semenescu A-D, Predescu I, Drăchici G-A, Muntean D, Ardelean F, **Ruse G**, Gogulescu A, Șoica I, Hegheș A, Tchiakpe-Antal D-A. *Juniperi galbulus*: screening of phytochemicals and bioactivity investigation of the aqueous extract. *Farmacia*. 2024;72(4). https://doi.org/10.31925/farmacia.2024.4.22 (IF = 1.4)
7. Jojić A-A, Liga S, Uţu D, **Ruse G**, Suciu L, Motoc A, Şoica CM, Tchiakpe-Antal D-S. Beyond Essential Oils: Diterpenes, Lignans, and Biflavonoids from *Juniperus communis* L. as a Source of Multi-Target Lead Compounds. *Plants*. 2024;13:3233. https://doi.org/10.3390/plants13223233 (IF = 4.0)
8. Manea HC, Olariu I, Predescu IA, Dumitrel SI, Kis A, Hegheș A, Szuhanek C, Popovici R, Jojic A, **Ruse G**, Buzatu R, Dinu Ș. Quercetin-biosafety screening for future applications in the dental field: An *in vitro* and *in ovo* investigation. *Farmacia*. 2025;73(1):167–177. https://doi.org/10.31925/farmacia.2025.1.18 (IF = 1.4)
9. Căta A, Pop R, Tchiakpe-Antal D-S, Ardelean F, **Ruse G**, Ienaşcu IMC. Theoretical evaluation of some natural polysaccharides as nanocarriers for the terpene alcohols from essential oils. *Ovidius University Annals of Chemistry*. 2025;36(1):20–28. https://doi.org/10.2478/auoc-2025-0003

Abstracts published in scientific meeting proceedings

1. **Ruse G**, Moacă EA, Jîjie AR, Jojic AA, Muntean D, Tchiakpe-Antal DS. Antioxidant activity and dermato-cosmetic potential of the ethanolic extract from green *Coffea arabica* seeds. CosMedical National Conference, 24–25 October 2025, Timișoara (poster).
2. **Ruse G**, Moacă EA, Tchiakpe-Antal DS. Phytochemical profile and antioxidant activity of the n-butanol extract from green *Coffea arabica* seeds. Book of Abstracts of the 20th National Congress of Pharmacy “Pharmacy in the Context of Global Change: Challenges and Opportunities”, 24–26 September 2025, Târgu Mureș, p. 111 (poster no. 550).
3. **Ruse G**, Moacă EA, Semenescu AD, Avram Ș, Milan A, Jîjie AR, Tchiakpe-Antal DS. *In vitro* and *in ovo* evaluation of water-soluble extract from *Coffea arabica* green seeds – a phytotherapeutic perspective in cutaneous oncology. International Conference on Interdisciplinary Approaches and Emerging Trends in Pharmaceutical Doctoral Research, 7–9 July 2025, Timișoara (abstract and oral presentation).
   a. Abstract (first author): *Proceedings* 2025, 127, 8. https://doi.org/10.3390/proceedings2025127008
   b. Abstract (co-author): *Proceedings* 2025, 127, 11. https://doi.org/10.3390/proceedings2025127011
4. **Ruse G**, Avram S, Tchiakpe-Antal DS. Evaluation of the irritant potential of green coffee (*Coffea arabica*) seed extracts by the HET-CAM assay. Congress of Pharmacists of the Republic of Moldova with international participation “Faculty of Pharmacy – Six Decades of Innovation and Progress”, Chișinău (Republic of Moldova), 22–23 November 2024. Book of Abstracts, pp. 340–341, ISBN 978-9975-3619-8-9 (abstract, first author).
5. **Ruse G**, Avram Ș, Tchiakpe-Antal DS. The coffee plant (*Coffea arabica*): microchemical study and *in ovo* safety assessment of the unroasted coffee extract. Book of Abstracts of the 19th National Congress of Pharmacy “Pharmacy Today: From Tradition to Interdisciplinarity and Artificial Intelligence”, 27–29 September 2023, Cluj-Napoca, p. 100, ISBN 978-606-075-203-5 (poster).
6. Jîjie AR, Avram Ș, **Ruse G**, Tchiakpe-Antal DS. *Taxus baccata* L. – histochemical study of the plant and biological screening of the aril extract. Book of Abstracts of the 19th National Congress of Pharmacy “Pharmacy Today: From Tradition to Interdisciplinarity and Artificial Intelligence”, 27–29 September 2023, Cluj-Napoca, p. 109, ISBN 978-606-075-203.
7. Tchiakpe-Antal DS, **Ruse G**, Coman O, Vasiloni A, Jojic AA. Plant tissues as sources of versatile dermatocosmetic ingredients. Workshop “New trends in pharmaceutical research”, 31 March 2023, Timișoara. Book of Abstracts, pp. 60–61.
8. **Ruse G**, Tchiakpe-Antal DS. Coffee seeds as sources of innovative dermato-cosmetic

products. Workshop “New trends in pharmaceutical research”, 31 March 2023, Timișoara. Book of Abstracts, pp. 79–80.

9. **Ruse G**, Antal DS. Obtaining and evaluating the bioactivity of some products for external use derived from the leaves and seed oil of the coffee plant (*Coffea arabica*). In: *Medicinal Plants between Nature and Health*. Abstracts of the events held within project CNFIS-FDI-2021-0498 “Development of the Practical Training Base in the Field of Medicinal Plants of the ‘Victor Babeș’ University of Medicine and Pharmacy of Timișoara”. “Victor Babeș” Publishing House, Timișoara, 2021, ISBN 978-606-786-253-9.

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