



Andreea-Maria Pîndaru

Date of birth: 14/08/1998 | **Nationality:** Romanian | **Phone number:**

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Address: Romania (Home)

WORK EXPERIENCE

UNIVERSITY OF AGRONOMIC SCIENCES AND VETERINARY MEDICINE- APEM – BUCHAREST, ROMANIA
UNIVERSITY TEACHING ASSISTANT – 01/10/2025 – CURRENT

UNIVERSITY OF BUCHAREST- FACULTY OF BIOLOGY – BUCHAREST, ROMANIA
UNIVERSITY TEACHING ASSISTANT – 01/10/2024 – CURRENT

FACULTY OF BIOLOGY- RESEARCH INSTITUTE OF UNIVERSITY OF BUCHAREST – BUCHAREST, ROMANIA
RESEARCH ASSISTANT – 01/04/2024 – CURRENT

FACULTATEA DE BIOLOGIE- INSTITUTUL DE CERCETARE AL UNIVERSITĂȚII DIN BUCUREȘTI – BUCUREȘTI, ROMANIA

REFERENT DE SPECIALITATE CU STUDII SUPERIOARE – 14/02/2023 – 30/03/2024

HOSPITAL OF OBSTETRIS AND GINECOLOGY BUFTEA – BUFTEA, ROMANIA
INTERNSHIP - MEDICAL LABORATORY – 01/10/2021 – 30/06/2022

EDUCATION AND TRAINING

01/10/2023 – CURRENT Bucharest, Romania
PHD STUDENT Doctoral School of Biology

01/10/2021 – 01/07/2023 Bucharest, Romania
MASTER DEGREE MEDICAL LABORATORY Faculty of Biology- University of Bucharest

Address Splaiul Independenței 91-95, 050095, Bucharest, Romania | **Website** <https://www.bio.unibuc.ro>

01/10/2018 – 27/07/2021 Bucharest, Romania
BACHELOR DEGREE IN BIOLOGY Faculty of Biology- University of Bucharest

Address Splaiul Independenței 91-95, 050095, Bucharest, Romania | **Website** <https://www.bio.unibuc.ro>

01/09/2013 – 01/06/2017 Bucharest, Romania
HIGHSCHOOL GRADUATE Școala Centrală

Address Strada Icoanei 3-5, 030167, Bucharest, Romania | **Website** <https://cnsrb.ro/contact.php>

LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B1	B2
FRENCH	A2	A2	A2	A2	A2

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
SPANISH	A2	A2	A2	A2	A2

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

SKILLS

Microsoft Microsoft Office | Social media & social network | Microsoft Office (Excel PowerPoint Word) - nivel intermediar | Zoom | Microsoft Word | Navigare Internet | Google Drive | carry out flow cytometry

PUBLICATIONS

2024

[A Label-Free Optical Flow Cytometry Based-Method for Rapid Assay of Disinfectants' Bactericidal Activity](#)

Pîndaru, A.M.; Măruțescu, L.; Popa, M.; Chifiriuc, M.C., 2024, Int. J. Mol. Sci., 25, 7158.

2025

[Microorganism' response to disinfectants: A review](#)

Pîndaru, A.; Măruțescu, L.G.; Ispas, L.F. Romanian Biotechnological Letters

2025

[Comprehensive evaluation of the bactericidal and anti-pathogenic efficacy of chemical disinfectants against antibiotic resistant ESKAPE clinical strains](#)

Mitache, M.M.; Pîndaru, A.M.; Czobor Barbu, I.; Talapan, D.; Surleac, M.; Sârbu, E.; Măruțescu, L.; Chifiriuc, M.C. 2025. BMC Microbiology, 25:592

2025

[Label-Free Flow Cytometry: A Powerful Tool to Rapidly and Accurately Assess the Efficacy of Chemical Disinfectants](#)

Pîndaru, A.; Măruțescu, L.G.; Popa, M.; Lambert, C.; Chifiriuc, M.-C. Microorganisms 2025, 13, 1156

DRIVING LICENCE

Driving Licence: B

CONFERENCES AND SEMINARS

12/05/2023 Bucharest

Scientific Communications Session of Students of the Faculty of Biology

Andreea-Maria PÎNDARU, Marcela POPA, Carmen Mariana CHIFIRIUC, Luminița MĂRUȚESCU. Evaluation of the bactericidal activity of some disinfectants on bacterial strains isolated from the clinic, oral presentation, Scientific Communications Session of Students of the Faculty of Biology- Edition 2023, 12 mai 2023, Bucharest.

16/11/2023 – 17/11/2023 Bucharest

Annual Conference for the Communication of Research Results at the University of Bucharest

Andreea-Maria PÎNDARU, Marcela POPA, Carmen Mariana CHIFIRIUC, Luminița MĂRUȚESCU. Evaluation of the effectiveness of some disinfectants against multi-resistant bacterial strains, oral presentation, Annual Conference for the Communication of Research Results at the University of Bucharest, 2nd edition, November 16-17, 2023, Bucharest.

Edinburgh, Scoția

CYTO 2024

Luminița MĂRUȚESCU, Marcela POPA, Andreea-Maria PÎNDARU, Carmen Mariana CHIFIRIUC. Label-free flow cytometry for fast evaluation of surface disinfectants bactericidal efficacy. Poster, abstract ID 203, CYTO 2024, Edinburgh, Scoția.

27/04/2024 – 30/04/2024 Barcelona, Spania

34th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID)

Andreea-Maria PÎNDARU, Carmen Mariana CHIFIRIUC, Marcela POPA, Luminița MĂRUȚESCU. Label-free flow cytometry for fast evaluation of surface disinfectants bactericidal efficacy. Poster, abstract ID 08433, 34th, European Congress of Clinical Microbiology and Infectious Diseases, 27-30 April 2024, Barcelona, Spania.

16/05/2024 – 17/05/2024 Bucharest, Romania

17th National Cytometry Congress in Romania

Luminița MĂRUȚESCU, Marcela POPA, Andreea-Maria PÎNDARU, Carmen Mariana CHIFIRIUC. Flow cytometry for rapid assessment of bactericidal efficacy of disinfectants, oral presentation, XVIIth Romanian National Cytometry Congress, May 16-17, 2024, Bucharest, Romania.

17/05/2024 Bucharest

Scientific Communications Session of Students of the Faculty of Biology

Andreea-Maria PÎNDARU, Luminița MĂRUȚESCU, Marcela POPA, Carmen Mariana CHIFIRIUC. Evaluation of the bactericidal efficiency of some chemical surface disinfectants, oral presentation, Scientific Communications Session of the Students of the Faculty of Biology - 2024 Edition, May 17, 2024, Bucharest.

08/05/2025 – 09/05/2025 Bucharest, Romania

XVIIIth National Cytometry Congress in Romania

Andreea-Maria PÎNDARU, Luminița MĂRUȚESCU, Carmen Mariana CHIFIRIUC. Rapid Evaluation of Bactericidal Efficacy of Disinfectants by Flow Cytometry, oral presentation, 18th National Cytometry Congress in Romania, May 8-9, 2025, Bucharest, Romania.

11/04/2025 – 15/04/2025 Viena, Austria

35th Congress of the European Society of Clinical Microbiology and Infectious Diseases (ESCMID)

Andreea-Maria PÎNDARU, Luminița MĂRUȚESCU, Carmen Mariana CHIFIRIUC, Marcela POPA, Ilda BARBU. Genetic basis of disinfectant tolerance and antimicrobial efficacy against clinical pathogenic strains, Poster, 35th Congress of the European Society of Clinical Microbiology and Infectious Diseases, 11-15 April 2025, Viena, Austria.

14/07/2025 – 17/07/2025 Milano, Italia

FEMS MICRO 2025

Andreea-Maria PÎNDARU, Luminița MĂRUȚESCU, Carmen Mariana CHIFIRIUC, Marcela POPA, Ilda BARBU. Disinfectant efficacy and biocide resistance determinants in MDR pathogens from hospital environments, Poster, Abstract ID 2807, FEMS MICRO 2025, 14-17 iulie 2025, Milano, Italia.

● **COMUNICĂRI LA ȘCOLI INTERNAȚIONALE**

22/07/2024 – 26/07/2024

Drug Design and Discovery: Hot Topics, Tools, Technologies, and Translation @ Tübingen 2024 (D3HT5)

Andreea-Maria PÎNDARU, Luminița MĂRUȚESCU, Diana-Mădălina GĂBOREANU, Carmen Mariana CHIFIRIUC. Assessment of commercially available and novel antimicrobials against multiple-drug resistant strains, prezentare orală, Școala Internațională de Vară ERASMUS+ Drug Design and Discovery, 22-26 iulie 2024, Tübingen, Germania.