

**Curriculum vitae
Europass****Personal
Information**

First name/Last
name

Alexandra-Ioana Trandafir

Current position

PhD student (4th year) at the PhD Doctoral School of "Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania (contract no. 28970 signed 03/10/2022) <https://umfcd.ro/educatie/doctorat/scoala-doctorala/>

Work Experience

Period 02/2025 - present
Position **Endocrinology Specialist** (certified through national exam in Romania on 10/2024 – score: 8.87)

Period 02/2020 - 01/2025
Internship **MD resident in endocrinology** (admission through national exam in Romania on 08/12/2019 - score: 842)

Institution "C.I. Parhon" National Institute of Endocrinology, Bucharest, Romania

**Clinical training
during residency**

Period 01/02/2020 - 31/07/2020
Internship Endocrinology
Institution "C.I. Parhon" National Institute of Endocrinology, Bucharest, Romania

Period 01/08/2020 - 31/01/2021
Internship Diabetes, nutrition and metabolic diseases
Institution "Nicolae Malaxa" Clinical Hospital, Bucharest, Romania

Period 01/02/2021 - 30/04/2021
Internship



Institution	Gastroenterology "Dr. Carol Davila" Central Emergency University Military Hospital, Bucharest, Romania
Period	
Internship	01/05/2021 - 31/05/2021
Institution	Medical Genetics "Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania
Period	
Internship	01/06/2021 - 14/06/2021
Institution	Bioethics "Mina Minovici" Institute of Legal Medicine, Bucharest, Romania
Period	
Internship	15/06/2021 - 14/09/2021
Institution	Pediatrics "Marie S. Curie" Clinical Hospital for Children, Bucharest, Romania
Period	
Internship	15/09/2021 - 14/03/2022
Institution	Endocrinology "C.I. Parhon" National Institute of Endocrinology, Bucharest, Romania
Period	
Internship	15/03/2022 – 14/06/2022
Institution	Endocrine ultrasonography "C.I. Parhon" National Institute of Endocrinology, Bucharest, Romania
Period	
Internship	15/06/2022 - 14/09/2022
Institution	Cardiology Coltea Clinical Hospital, Bucharest, Romania
Period	
Internship	15/09/2022 - 30/11/2022
Institution	Endocrinology "C.I. Parhon" National Institute of Endocrinology, Bucharest, Romania
Period	
Internship	01/12/2022 - 30/06/2023
Institution	Pediatric endocrinology "C.I. Parhon" National Institute of Endocrinology, Bucharest, Romania
Period	
Internship	01/07/2023 - 31/12/2023
Institution	Diabetes, nutrition and metabolic diseases Metabolic Diseases, National Institute of Diabetes, Nutrition and Metabolic Diseases "Prof. Dr. N.C. Paulescu", Bucharest, Romania
Period	
Internship	01/01/2024 - 14/04/2024
Institution	Endocrinology "C.I. Parhon" National Institute of Endocrinology, Bucharest, Romania
Period	
Internship	15/04/2024 - 31/07/2024
Institution	Psychiatry "Alexandru Obregia" Clinical Hospital of Psychiatry, Bucharest, Romania
Period	
Internship	01/08/2024 - 31/01/2025



Institution Endocrinology
"C.I. Parhon" National Institute of Endocrinology, Bucharest, Romania

Education and Training

Period **10/2022 - present**

Type of education PhD student admission in July 2022 session (according to the study contract no. 28970 of 03/10/2022) <https://umfcd.ro/educatie/doctorat/scoala-doctorala/informatii-studenti-doctoranzi-admisi-2022-2023/>

Research theme "Evaluation of mineral metabolism and osteoporosis fractural risk in patients with non-functioning adrenal tumors with or without mild autonomous cortisol secretion" (Ethics Committee approval, PhD Doctoral School of "Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania no. 7634 of 04/04/2025; "C.I. Parhon" National Institute of Endocrinology, Bucharest, Romania no. 37 of 22/09/2025)

PhD Coordinator S.L. Dr. Habil. Carșote Mara-Laura
Name of PhD Doctoral School of "Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania
educational institution

PhD modules

Period 17/10/2022 - 12/11/2022
Module Scientific Research Methodology (completed with a research project proposal related to the doctoral thesis topic)

Period 24/10/2022 - 18/11/2022
Module Clinical Epidemiology (completed with presentation of the doctoral research protocol)

Period 05/12/2022 - 20/12/2022
Module Scientific Project Management (completed with presentation of an individual project)

Period 01/02/2023 - 16/02/2023
Module Biostatistics and Medical Informatics - Module I (completed by exam)

Period 18/04/2023 - 14/06/2023
Module Biostatistics and Medical Informatics - Module II (completed by exam)

Period 06/03/2023 - 17/03/2023
Module Ethics and Academic Integrity. Bioethics in Human Subject Scientific Research (completed by exam)

Period 26/06/2023 - 30/06/2023
Module



Intellectual Property. Dissertation Writing (completed with presentation of a case study on infringement of an intellectual property right category in the medical/pharmaceutical field)

Period 2013 - 2019
 Qualification/degree achieved Medical Doctor
 Name of educational institution University of Medicine and Pharmacy "Grigore T. Popa", Iași, Romania (graduation score: 9.13)
 Graduation thesis title "Research on the medical use of pharmacological agents active on the human body"
 Supervisor Prof. Univ. Dr. Lupușoru Cătălina-Elena
 Asist. Univ. Dr. Rusu-Zota Gabriela (score: 9.76)

Period 2009-2013
 Qualification/degree achieved High school diploma (graduation score: 9:15)
 Profile: economic (high school average: 9.36)
 Name of educational institution "Ion Ghica" Economic College, Bacău, Romania

Native language Romanian

Others language(s)

English
 German

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2		B2		B2		B2		B2	
A2		A2		A2		A2		A2	

IT skills Microsoft (Word, Excel, PowerPoint), Mendeley, IBM SPSS Statistics

Projects/Activities
Volunteering:
Certificate of participation

1.Volunteer Program - Vaccination Marathon (22 - 25 October 2021), National Library of Romania, contract no. 255 of 21/10/2021, "Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania

2.Practical training within the medCAREER project – "Professional counseling for medical students and an integrated practice program in the field of general medicine and dentistry" (Id POSDRU/160/2.1/S139881), Iași, Romania, 2016

3.Professional exchange within the TransMed Project, national project of FASMR (Federation of Medical Students Associations in Romania), at the "George Emil

Awards and Other Recognition of Scientific Contribution

Palade" University of Medicine, Pharmacy, Science, and Technology of Târgu Mureș, Faculty of Medicine, 20 - 25 March 2016 (certificate of participation)

4. Participation in the volunteer project "European Antibiotic Awareness Day", 19/11/2015, organized by the Medical Students' Society of Iași, Romania (certificate of participation)

1. **"ESCEO-IOF Young Investigator Award"**, "Bone health outcome following adrenalectomy versus conservative management in 119 postmenopausal women with non-functional adrenal tumors" (Author: **Trandafir AI**); "Bone profile in postmenopausal women with adrenal tumors according to cortisol secretion status: a cross-sectional study" (Author: **Trandafir AI**); "Bilateral adrenalectomy for metastatic clear cell renal cell carcinoma: adrenal insufficiency and bone status in the context of vitamin D deficiency" (Authors: **Trandafir AI**, Petrova E, Costachescu M, Sima OC, Gheorghe AM); "Bilateral adrenal tumors with mild autonomous cortisol secretion (MACS): when DXA underestimates bone fragility" (Authors: **Trandafir AI**, Petrova E, Sima OC, Gheorghe AM, Costachescu M); "Bone fragility in mild autonomous cortisol secretion (MACS) with primary hyperparathyroidism (PHPT): beyond bone density" (Authors: **Trandafir AI**, Petrova E, Gheorghe AM, Sima OC, Costachescu M). ESCEO-IOF Young Investigator Award – recipient Trandafir AI awarded at World Congress on Osteoporosis, Osteoarthritis and Musculoskeletal Disease 2026 <https://www.wco-iof-esceo.org/awards>. (confirmation via e-mail on behalf of Congress Chairpersons: Jean-Yves Reginster and Nicholas C. Harvey; Scientific Committee Chairpersons: Nicholas C. Harvey and René Rizzoli).

2. **"Prof. Dr. Rodica Dascălu"** Award granted by the Romanian Association of Clinical Endocrinology (AECR) for the paper "Bone status in non-functioning adrenal tumors", authors: **Trandafir AI**, Dumitrascu A, Voicu G, Nistor CE, Petrova E, Ghemigian A, Carsote M. The 16th Congress of the Romanian Association of Clinical Endocrinology "Tumoral, Autoimmune and Enzymatic Pathology in Endocrinology", 5 September 2023, Eforie Nord, Romania (6 CME credits, CMR approval no. 5843 of 13/07/2023) <https://www.aecr.ro/>; <https://www.aecr.ro/wp-content/uploads/2023/08/Program-XVI-Congres-AECR.pdf>

3. **Certificate of Excellence** awarded by the Romanian Association of Clinical Endocrinology (AECR) in recognition of participation as co-author of the presentation "Pituitary Apoplexy in Pregnancy", authors: Gheorghe AM, **Trandafir AI**, Dumitrascu A, Nistor CE, Ghemigian A, Carsote M, Petrova E. The 16th Congress of the Romanian Association of Clinical Endocrinology (AECR) "Tumoral, Autoimmune and Enzymatic Pathology in Endocrinology", 3 – 5 September 2023, Eforie Nord, Romania (6 CME credits, CMR approval no. 5843 of 13/07/2023) <https://www.aecr.ro/>; <https://www.aecr.ro/wp-content/uploads/2023/08/Program-XVI-Congres-AECR.pdf>

4. **Award through the program for the financing of scientific publications „Publish, not perish 2023”**

https://umfcd.ro/wp-content/uploads/2023/CERCETARE/PROGRAMUL_PUBLISH_NOT_PERISH/METODOLOGIA%20PROGRAM%20PUBLISH%20NOT%20PERISH%202023.pdf

Article: „Cross-Disciplinary Approach of Adrenal Tumors: Insights into Primary Aldosteronism-Related Mineral Metabolism Status and Osteoporotic Fracture Risk.” Authors: **Trandafir AI**, Gheorghe AM, Sima OC, Ciuche A, Petrova E, Nistor C, Carsote M. Int J Mol Sci. 2023;24(24):17338. (correspondence to Gheorghe AM, Nistor C) doi:10.3390/ijms242417338. PMID: 38139166. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10743397/pdf/ijms-24-17338.pdf> IF(2023) = 4.9; Q1 (Biochemistry & Molecular Biology); Q2 (Chemistry, Multidisciplinary) PubMed index

5. Award through the scientific publications financing programme “Publish, not perish 2023”

https://umfcd.ro/wp-content/uploads/2023/CERCETARE/PROGRAMUL_PUBLISH_NOT_PERISH/METODOLOGIA%20PROGRAM%20PUBLISH%20NOT%20PERISH%202023.pdf Article: Trabecular Bone Score (TBS) in Individuals with Type 2 Diabetes Mellitus: An Updated Review. Authors: **Trandafir AI**, Sima OC, Gheorghe AM, Ciuche A, Cucu AP, Nistor C, Carsote M. J Clin Med. 2023;12(23):7399. (correspondence to Nistor C) doi:10.3390/jcm12237399. PMID:38068450. <https://www.mdpi.com/2077-0383/12/23/7399> IF(2023) = 3; Q1(Medicine, General & Internal) PubMed index

6. Awards through the program for the financing of scientific publications „Publish, not perish 2022”

<https://umfcd.ro/cercetare-si-dezvoltare/programe-de-sprijinire-a-cercetarii/arhiva-programul-publish-not-perish/>. Article: „New Entity-Thalassemic Endocrine Disease: Major Beta-Thalassemia and Endocrine Involvement”. Authors: Carsote M, Vasiliu C, **Trandafir AI**, Albu SE, Dumitrascu MC, Popa A, Mehedintu C, Petca RC, Petca A, Sandru F. Diagnostics (Basel).2022;12(8):1921. (correspondence to Carsote M, Dumitrascu MC) doi:10.3390/diagnostics12081921. PMID: 36010271. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9406368/pdf/diagnostics-12-01921.pdf> IF(2023) = 3.6, Q2 PubMed index
https://umfcd.ro/wp-content/uploads/2022/CERCETARE_SI_DEZVOLTARE/PROGRAMUL_PUBLISH_NOT_PERISH/METODOLOGIA%20PROGRAM%20PUBLISH%20NOT%20PERISH_2022.pdf

7. Awarding for Research Results (UEFSCIDI 2022) - Web of Science articles (PRECISI 2023), approved by MCID 452502/21.12.2023, in the budget of the competition (Objective: increasing the quality, impact and international visibility of Romanian research, by recognizing and rewarding the significant results published in prestigious journals in the main international scientific stream) Submission code PN-IV-P2-2.3-PECISI-2023-85104 (number in the list of awarded articles: 4620; page 309/322; project application number 821 in list 2); article: Carsote M, Vasiliu C, **Trandafir AI**, Albu SE, Dumitrascu MC, Popa A, Mehedintu C, Petca RC, Petca A, Sandru F. New Entity-Thalassemic Endocrine Disease: Major Beta-Thalassemia and Endocrine Involvement. Diagnostics (Basel). 2022;12(8):1921. (correspondence to Carsote M, Dumitrascu MC) doi:10.3390/diagnostics12081921. PMID: 36010271

**Academic post-
university courses**

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9406368/pdf/diagnostics-12-01921.pdf> IF(2022) = 3.6, Q2, PubMed index

8. Certificate of Excellence – Second Prize, awarded for participation in career counselling activities and practical training within the medCAREER project, “Career counselling for medical students and integrated internship programme in general and dental medicine” (POSDRU/160/2.1/S/139881), 2016, Iasi, Romania.

1. Osteoporosis: Essential Elements of Diagnosis and Treatment, organized by the Romanian Society of Endocrinology through the Osteoporosis Working Group, in partnership with “Carol Davila” University of Medicine and Pharmacy, 22 - 23 March 2024, with examination completed in May 2024
<https://www.osteoporosis-essentials.org/course/2024-03-22-romania-bucharest>

2. Advances in Endocrine Thyroid and Parathyroid Surgery: A Surgical and Endocrinological Perspective, organized by “Carol Davila” University of Medicine and Pharmacy within the Department of Thoracic Surgery, “Dr. Carol Davila” Central Emergency University Military Hospital, Bucharest, Romania, 8 – 12 December 2025 (exam passed on 12/12/2025, diploma series A no. 020211, 12 CME credits, CMR approval no. 10290 of 26/09/2025)
<https://umfcd.ro/educatie/postuniversitar/cursuri-de-perfectionare/cursuri-postuniversitare-de-educatie-medicala-continua-emc/>

3. Multiparametric Ultrasound Diagnosis for Endocrinologists, pre-congress symposium (course) of the 33rd National Congress of the Romanian Society of Endocrinology, 29 June - 2 July 2025, Timișoara, Romania (certificate of participation no. 16 of 02/07/2025; 17 CME credits, CMR approval no. 5968 of 04/06/2025)
<https://www.sre.ro/a-33-a-editie-a-congresului-national-al-societatii-romane-de-endocrinologie-29-iunie-2-iulie-2025/>

4. Oncologic Endocrinology, pre-congress course of the 32nd National Congress of the Romanian Society of Endocrinology, 30 June - 3 July 2024, Cluj-Napoca, Romania (certificate of participation; 6 CME credits, CMR approval no. 5404 of 20/06/2024) <https://endo2024.medical-congresses.ro/>

5. Thyroid and Parathyroid Pathology with Surgical Indications, pre-congress course of the 16th Congress of the Romanian Association of Clinical Endocrinology (AECR), 3 - 5 September 2023, Eforie Nord, Romania (certificate of participation no. 109; 6 CME credits, CMR approval no. 5843 of 13/07/2023)
www.aecr.ro

6. Pre-congress course organized on 19 June 2022 within the 30th National Congress of the Romanian Society of Endocrinology, 19 - 22 June 2022, Bucharest, Romania (certificate of participation no. 448 of 19/06/2022; 5 CME credits, CMR approval no. 45780 of 17/06/2022) <https://www.sre.ro/2022-06-19-congres-sre-program/>

**Congress/
Conference/
Workshops
participation**

1. The 26th Edition of the WCO-IOF-ESCEO Congress: World Congress on Osteoporosis, Osteoarthritis and Musculoskeletal Diseases, April 16 - 19 2026, Prague, Czech Republic (certificate of attendance) <https://www.wco-iof-esceo.org/>
2. CardioRenoMetabolic Connections Conference, Bucharest, Romania (online) (certificate of participation no. 2433 of 07/04/2026; 6 CME credits, CMR approval no. 2383 of 24/02/2026) <https://emc.formaremedicala.ro/conexiuni-cardiorenometabolice-2026/>
3. The 14th Conference of the Bucharest College of Physicians, 11 – 14 February 2026, Bucharest, Romania, online (certificate of participation no. 8356 of 14/02/2026; 24 CME credits, CMR approval no. 427 of 15/01/2026) <https://sanatatea.online/conferinta-cmmb2026/>
4. Multidisciplinary Obesity Congress, 1st Edition 2025 - Section I, 21 November 2025, Bucharest, Romania (certificate of participation no. 171 of 21/11/2025; 5 CME credits, CMR approval no. 12418 of 18/11/2025) <https://sanatatea.events/congresul-multidisciplinar-de-obezi-tate-editia-i/>
5. Multidisciplinary Obesity Congress, 1st Edition 2025 - Section II, 22 November 2025, Bucharest, Romania (certificate of participation no. 171 of 22/11/2025; 6 CME credits, CMR approval no. 12419 of 18/11/2025) <https://sanatatea.events/congresul-multidisciplinar-de-obezi-tate-editia-i/>
6. Workshop: “Irisin: the Interface with Glucose and Bone Metabolism”, 5 December 2025, online (certificate of participation)
7. The 33rd National Congress of the Romanian Society of Endocrinology, 29 June - 2 July 2025, Timisoara, Romania (certificate of participation no. 16 of 02/07/2025; 17 CME credits, Romanian College of Physicians approval no. 5968 of 04/06/2025) <https://www.sre.ro/a-33-a-editie-a-congresului-national-al-societatii-romane-de-endocrinologie-29-iunie-2-iulie-2025/>
8. The 38th Balkan Medical Week, 5 - 6 June 2025, Bucharest, Romania (certificate of participation series B no. 52 of 06/06/2025; 12 CME credits, CMR approval no. 4288 of 23/04/2025) <https://umbalk.org/>
9. The 25th Edition of the WCO-IOF-ESCEO Congress: World Congress on Osteoporosis, Osteoarthritis and Musculoskeletal Diseases, April 10 - 13 2025, Rome, Italy (certificate of attendance) <https://www.wco-iof-esceo.org/>
10. The 13th Conference of the Bucharest College of Physicians, 12 - 15 February 2025, Bucharest, Romania (online) (certificate of participation no. 11526 of 15/02/2025; 24 CME credits, CMR approval no. 630 of 31/01/2025) <https://sanatatea.online/conferinta-cmmb2025/>

11. Young Endocrinologists Forum, 2024 Edition, 12 - 14 December 2024, Sibiu, Romania (certificate of participation of 16/12/2024)
<https://www.sanatateapress.ro/forumul-tinerilor-endocrinologi-2024/>
12. The 17th Congress of the Romanian Association of Clinical Endocrinology (AEER), 1 - 2 September 2024, Mamaia, Romania (certificate of participation no. 6379 of 09/07/2024, no. 81 of 02/09/2024; 12 CME credits, CMR approval no. 6379 of 09/07/2024) www.aeer.ro
13. The 32nd National Congress of the Romanian Society of Endocrinology, 30 June - 3 July 2024, Cluj-Napoca, Romania (certificate of participation no. 16 of 02/07/2025; 20 CME credits, CMR approval no. 5402 of 20/06/2024)
<https://www.medical-congresses.ro/evenimente-proevents/al-32-lea-congres-national-al-societatii-romane-de-endocrinologie/>
14. The 24th Edition of the WCO-IOF-ESCEO Congress: World Congress on Osteoporosis, Osteoarthritis and Musculoskeletal Diseases, April 10 - 14 2024, London, UK (certificate of attendance) <https://2024.wco-iof-esceo.org/>
15. Obesity: From Pathophysiology to Treatment, 22 February 2024, online (certificate of participation, event code B, no. 2056 of 22/02/2024; 6 CME credits, CMR approval no. 678 of 02/02/2024)
<https://conferintemedicale.ro/produs/obezitatea-de-la-fiziopatologie-la-tratament-22-februarie-2024/>
16. The 16th Congress of the Romanian Association of Clinical Endocrinology (AEER) with the theme "Tumoral, Autoimmune and Enzymatic Pathology in Endocrinology", 3 - 5 September 2023, Eforie Nord, Romania (certificate of participation no. 109; 6 CME credits, CMR approval no. 5843 of 13/07/2023)
www.aeer.ro
17. "National Conference: Breast Imaging and Clinical Impact - Dilemmas and Perspectives, 21 October 2023, Bucharest, Romania (certificate of participation, event code B, no. 297 of 21/10/2023; 6 CME credits, CMR approval no. 8018 of 03/10/2023) <https://conferintemedicale.ro/produs/imagistica-sanului-si-impactul-clinic-dileme-si-perspective/>
18. The 30th National Congress of the Romanian Society of Endocrinology, 19 - 22 June 2022, Bucharest, Romania (certificate of participation no. 251 of 22/06/2022; 19 CME credits, CMR approval no. 4579 of 31/05/2022)
<https://www.sre.ro/2022-06-19-congres-sre-program/>
19. AEER Symposium: "From the Dermatologist... to the Endocrinologist", 7 May 2022, online (5 CME credits, CMR approval no. 3138 of 08/04/2022) www.aeer.ro
20. National Multidisciplinary Conference on Oncology in Medical Practice, 24 - 26 March 2022, Bucharest, Romania (certificate of participation series 0725; 17 CME credits, CMR approval no. 1726 of 2022)
<http://www.saptamanamedicala.ro:8000/congrese-conferinte/Conferinta-multidisciplinara-de-Oncologie-in-Practica-Medicala-2022>

- 21.AECR Symposium: "Pregnancy and Endocrine Pathology", 25 February 2022, online (certificate of participation no. 51 of 28/02/2022; 4 CME credits, CMR approval no. 740 of 01/02/2022) www.aecr.ro
- 22.The 24th National Symposium of Psychoneuroendocrinology, 18 - 20 November 2021, online (10 CME credits, CMR approval no. 15612 of 15/11/2021) <https://www.saptamanamedicala.ro/congrese-conferinte/AI--XXIV---lea-Simpozion-National-de-PsihoNeuroEndocrinologie-2021>
- 23.The 29th National Congress of the Romanian Society of Endocrinology, 23 - 26 June 2021, online (certificate of participation no. 118 of 26/06/2021; 22 CME credits, CMR approval no. 8062 of 10/06/2021) <https://sanatatea.online/congres-endocrinologie2021/>
- 24.The 8th National Congress of Pediatric Diabetes, Nutrition and Endocrinology - with international participation, 4 - 9 October 2021, online (certificate of participation no. 35; 20 CME credits, CMR approval no. 13887 of 14/10/2021) <https://sanatatea.online/endoped2021/>
- 25.The 28th National Congress of the Romanian Society of Endocrinology, 8 -10 October 2020, online (certificate of participation no. 32 of 10/10/2020; 17 CME credits, CMR approval no. 6572 of 16/09/2020) <https://sanatatea.online/congres-endocrinologie-2020/>
- 26.The 7th National Congress of Pediatric Diabetes, Nutrition and Endocrinology - with international participation, 18 - 21 November 2020, online (certificate of participation no. 45; 15 CME credits, CMR approval no. 8518 of 09/11/2020) <https://sanatatea.online/congres-endoped-2020/>
- 27.CONGRESIS – International Congress for Students and Young Physicians, 12th Edition, 2 - 5 April 2015, Iași, Romania (certificate of participation) <https://www.cuzanet.ro/fara-categorie/congressis-2015-ajuns-la-cea-de-a-xii-a-editie-la-iasi.html>
- 28.CONGRESIS - International Congress for Students and Young Physicians, 15th Edition, 3 - 6 May 2018, Iași, Romania (certificate of participation) <https://news.umfiasi.ro/congressis-2018-congresul-international-pentru-studenti-si-tineri-medici-iasi-3-6-mai/>
- 29.The Organ Transplant Regional Conference, 15 October 2016, Iași, Romania (certificate of attendance)

Affiliations

- Romanian Society of Endocrinology (2022 - present) <https://www.sre.ro/account/alexandraioanatrandafir/>
- Romanian Society of Osteoporosis and Musculoskeletal Diseases (2025 – present) <https://srobms.ro/my-account/>
- Association of Clinical Endocrinology of Romania (2021 - present) [https://www.aecr.ro](http://www.aecr.ro)



Medical College Bucharest (membership certificate no. 147942 of 07/03/2025; CUIUM 2119012071 <https://portal.cmb.ro/Physician/IndexPhysician>

Academic profile

Web of Science: <https://www.webofscience.com/wos/author/record/HLX-1950-2023>

Google Scholar: <https://scholar.google.com/citations?user=vQv77VwAAAAJ>

ORCID: <https://orcid.org/my-orcid?orcid=0009-0005-6648-5412>

Brainmap: <https://www.brainmap.ro/alexandra-ioana-trandafir>

PubMed: <https://pubmed.ncbi.nlm.nih.gov/?term=trandafir+AI>

Research and development projects

Member of COST Action CA20122: Harmonizing clinical care and research on adrenal tumors in European countries. <https://www.goharmonisation.com/>

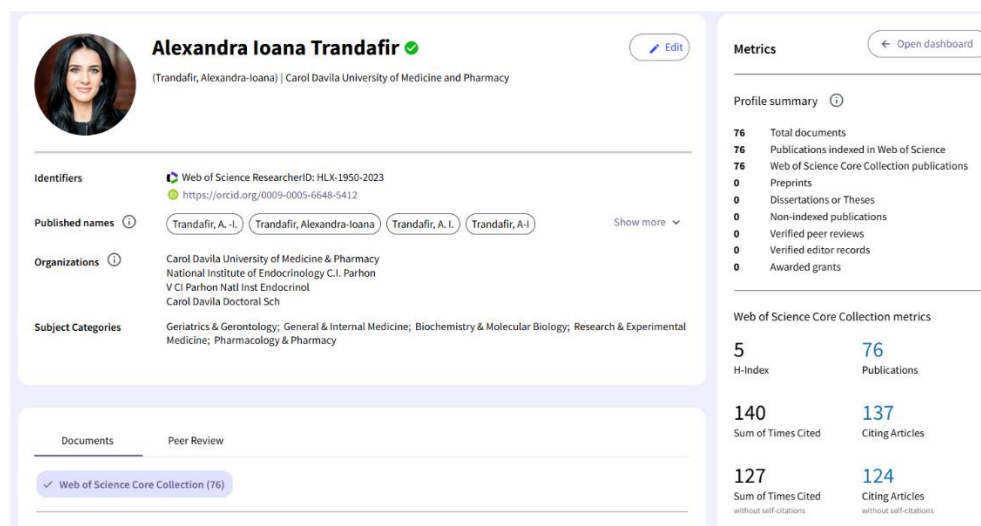
<https://www.cost.eu/actions/CA20122/#tabs+Name:Working%20Groups%20and%20>

Membership (member of the working group 1 – Harmonizing clinical practice for adrenal tumours) (2024- 09.2025)

Scientometric Profile:

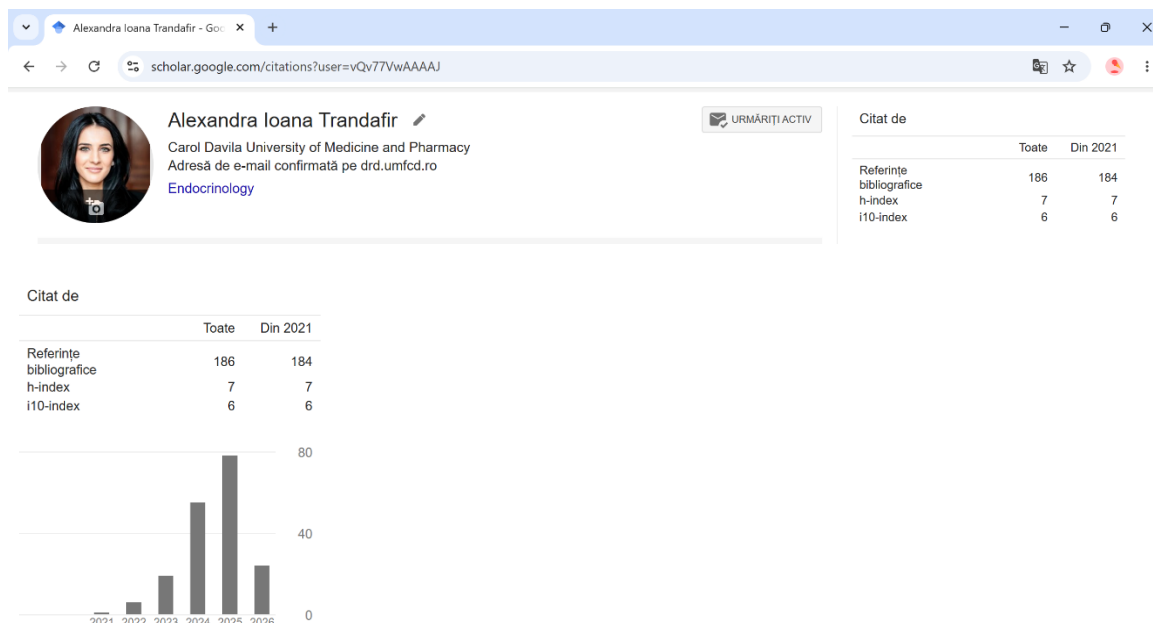
Clarivate/WOS (accessed on 14/05/2026):

- ➔ H-index = 5
- ➔ Total number of citations = 140
- ➔ Maximum citations per article = 41
- ➔ Highest journal impact factor of published articles: 4.9; 3.9; 3.4
- ➔ FCIAP (Cumulative Impact Factor – Main Author) = 42.5 (all years)
- ➔ FCIAP = 30.7 (PhD research articles)



Google Scholar (accessed on 14/05/2026):

- ➔ h-index = 7
- ➔ i10-index = 6
- ➔ Total number of citations = 186
- ➔ Maximum citations per article = 60



Portfolio of scientific works during PhD research

1. WOS/Clarivate full-length articles: standard PhD criteria

1. **Trandafir AI**, Sima OC, Manda D, Costachescu M, Cumpata V, Valea A, Schipor SV, Nistor C, Popescu A, Preda EM, Carsote M. Musculoskeletal Assessment in Patients with Adrenal Incidentalomas: Should We Integrate the Trabecular Bone Score and/or Circulating Irisin? *Diagnostics (Basel)*. 2026;16(5):761. (correspondence to Preda EM, Carsote M)
[doi:10.3390/diagnostics16050761](https://doi.org/10.3390/diagnostics16050761). PMID: 41828037.
<https://pubmed.ncbi.nlm.nih.gov/41828037/>
Impact factor = 3.3; Q1, PubMed index; first author
WOS profile:
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2. **Trandafir AI**, Carsote M, Costachescu M, Sima OC, Florescu AF. Mineral Metabolism Assays, Central DXA, and Fracture Risk Probabilities in Menopausal Patients with Non-Functional Adrenal Tumours with/Without Mild Autonomous Cortisol Secretion: Does the Presence of Unilateral Versus Bilateral Tumours Matter? *Life (Basel)*. 2025;15(10):1639. (correspondence to Carsote M)
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Impact factor = 3.3; Q1; PubMed index; first author

WOS profile:

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5. **Trandafir AI**, Carsote M. Dexamethasone Suppression Testing in Patients with Adrenal Incidentalomas with/Without Mild Autonomous Cortisol Secretion: Spectrum of Cortisol Cutoffs and Additional Assays (An Updated Analysis). Biomedicines. 2025;13(9):2169. (correspondence to **Trandafir AI**, Carsote M)

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Impact factor = 3.9; Q1; PubMed index; first author and correspondent author

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6. **Trandafir AI**, Carsote M, Florescu AF. An Analysis of Post-Adrenalectomy Dynamics in MACS (Mild Autonomous Cortisol Secretion)-Positive Adrenal Tumours: The Biomarkers and Clinical Impact. J Clin Med. 2025;14(15):5217. (correspondence to Carsote M)

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Impact factor = 2.9; Q; PubMed index; first author

WOS profile:

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7. **Trandafir AI**, Stanciu M, Valea A, Sima OC, Nistor C, Iliescu MG, Ciobanu I, Popa FL, Carsote M. Mineral metabolism assays and osteoporotic fracture risk evaluation in menopausal population diagnosed with adrenal incidentalomas: a sub-analysis of PRECES study. Balneo and PRM Research Journal. 2024;15(2):692. (correspondence to Nistor C, Iliescu MG, Ciobanu I)

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Impact factor = 1.1; Q3; first author

WOS profile:

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8. **Trandafir AI**, Ghemigian A, Ciobica ML, Nistor C, Gurzun MM, Nistor TVI, Petrova E, Carsote M. Diabetes Mellitus in Non-Functioning Adrenal Incidentalomas: Analysis of the Mild Autonomous Cortisol Secretion (MACS) Impact on Glucose

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Impact factor = 3.9; Q1; PubMed index; first author

WOS profile:

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Article type: review

9. **Trandafir AI**, Sima OC, Gheorghe AM, Ciuche A, Cucu AP, Nistor C, Carsote M. Trabecular Bone Score (TBS) in Individuals with Type 2 Diabetes Mellitus: An Updated Review. J Clin Med. 2023;12(23):7399. (correspondence to Nistor C)
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Impact factor = 3; Q1; PubMed index; first author

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10. **Trandafir AI**, Stanciu M, Albu SE, Stoian VR, Ciofu I, Persu C, Nistor C, Carsote M. Management of Adrenal Cortical Adenomas: Assessment of Bone Status in Patients with (Non-Functioning) Adrenal Incidentalomas. J Clin Med. 2023;12(13):4244. (correspondence to **Trandafir AI**, Stanciu M)
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Impact factor = 3; Q1; PubMed index; first author and correspondent author

WOS profile:

<https://www.webofscience.com/wos/woscc/full-record/WOS:001030080000001>

2. Other scientific works during PhD years

2.1. Full-length articles indexed in WOS/Clarivate

1. **Trandafir AI**, Gheorghe AM, Sima OC, Ciuche A, Petrova E, Nistor C, Carsote M. Cross-Disciplinary Approach of Adrenal Tumours: Insights into Primary Aldosteronism-Related Mineral Metabolism Status and Osteoporotic Fracture Risk. Int J Mol Sci. 2023;24(24):17338. (correspondence to Gheorghe AM, Nistor C)
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PMID:38139166.

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Impact factor = 4.9; Q1; PubMed index; first author

WOS profile:

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2. Cumpata V, Gheorghe AM, Suveica L, Sima OC, Loghin-Oprea N, Costachescu M, Petrova E, **Trandafir AI**, Popescu A, Manda D, Schipor SV, Carsote M. Circulating irisin as a possible marker of glucose and bone metabolism: evidence from the IRI-OB-OP pilot study. Diabetology. 2026;7(23). (correspondence to Gheorghe AM, Schipor SV)

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Impact factor = 2.2; Q3; co-author

WOS profile:

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3. Loghin-Oprea N, Manda D, Schipor SV, Popescu A, Sima OC, Gheorghe AM, Valea A, Suveica L, **Trandafir AI**, Cumpata V, Carsote M, Ionovici N. Exploring circulating irisin as a biomarker: an analysis in relationship with glucose and bone status evaluation in adults with vitamin D deficient versus sufficient status. *Physiologia*. 2026;6(7). (correspondence to Gheorghe AM, Carsote M)

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Impact factor = 2.3; Q2; co-author

WOS profile:

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4. Suveica L, Loghin-Oprea N, Schipor SV, Cumpata V, Carsote M, Gheorghe AM, Sima OC, Costachescu M, Petrova E, **Trandafir AI**, Popescu A, Manda D. Circulating irisin and rehabilitation: expanding cutting edge research of muscle-derivate endocrine profile to the physical activity/therapy in various ailments. *Balneo and PRM Research Journal*. 2025;16(3):884. (correspondence to Carsote M)

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Impact factor = 1.1; Q3; co-author

Article type: review

WOS profile:

<https://www.webofscience.com/wos/woscc/full-record/WOS:001612018900001>

5. Gheorghe AM, **Trandafir AI**, Ionovici N, Carsote M, Nistor C, Popa FL, Stanciu M. Pituitary Apoplexy in Patients with Pituitary Neuroendocrine Tumours (PitNET). *Biomedicines*. 2023;11(3):680. (correspondence to Carsote M, Nistor C)

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Impact factor = 3.9; Q1; PubMed index; equal contribution with the first author

Article type: review

WOS profile:

<https://www.webofscience.com/wos/woscc/full-record/WOS:000954689300001>

6. Costachescu M, Ionovici N, Terzea DC, Vasilescu F, Eftimie LG, Trandafir AI, Gheorghe AM, Sima OC, Nistor C, Carsote M. Multimodal spectrum of approach in poorly differentiated thyroid carcinoma (an updated analysis). *Rom J Morphol Embryol*. 2025;66(3):431-442. (correspondence to Ionovici N)

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Impact factor = 1.5; Q4; PubMed index; co-author

Article type: review

WOS profile:

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7. Carsote M, Nistor C, Gheorghe AM, Sima OC, **Trandafir AI**, Nistor TVI, Sandulescu BA, Ciobica ML. Turning Points in Cross-Disciplinary Perspective of Primary Hyperparathyroidism and Pancreas Involvements: Hypercalcemia-

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PMID: 38928056.

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Impact factor = 4.9; Q1; PubMed index; co-author

Article type: review

WOS profile:

<https://www.webofscience.com/wos/woscc/full-record/WOS:001257403800001>

8. Nistor C, Cucu AP, Sima OC, Ciuche A, **Trandafir AI**, Gheorghe AM, Carsote M. E-cigarettes and associated medical burden: for better and for worse. *Romanian Journal of Military Medicine.* 2024;CXXVII(5):392-8. (correspondence to Cucu AP)

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Impact factor = 0.4; Q3; co-author

Article type: review

WOS profile:

<https://www.webofscience.com/wos/woscc/full-record/WOS:001360229200008>

9. Carsote M, Gheorghe AM, Nistor C, **Trandafir AI**, Sima OC, Cucu AP, Ciuche A, Petrova E, Ghemigian A. Landscape of Adrenal Tumours in Patients with Congenital Adrenal Hyperplasia. *Biomedicines.* 2023;11(11):3081. (correspondence to Gheorghe AM, Nistor C)

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Impact factor = 3.9; Q1; PubMed index; co-author

Article type: review

WOS profile:

<https://www.webofscience.com/wos/woscc/full-record/WOS:001107906100001>

10. Gheorghe AM, **Trandafir AI**, Stanciu M, Popa FL, Nistor C, Carsote M. Challenges of pituitary apoplexy in pregnancy. *J Clin Med.* 2023;12(10):3416. (correspondence to Stanciu M, Carsote M)

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Impact factor = 3; Q1; PubMed index; equal contribution with the first author

Article type: review

WOS profile:

<https://www.webofscience.com/wos/woscc/full-record/WOS:000997863100001>

2.2. Full-length articles indexed in international databases

1. **Trandafir AI**, Petrova E, Florescu AF, Carsote M, Nistor CE, Petca A, Petca R, Dumitrascu MC, Sandru F. Severe primary hypothyroidism-related hyperprolactinemia and secondary amenorrhea. *Obstetrica și Ginecologia.* 2023;LXX(4). ISSN 1220-5532. ISSN 2821-8205. ISSN-L 1220-5532. Index Copernicus.

[doi:10.26416/ObsGin.71.4.2023.9133](https://doi.org/10.26416/ObsGin.71.4.2023.9133).

<https://www.medicub.ro/reviste-de-specialitate/obstetrica-si-ginecologia/severe-primary-hypothyroidism-related-hyperprolactinemia-and-secondary-amenorrhea-id-9133-cmsid-103>

2. Sandru F, **Trandafir AI**, Petca A, Dumitrascu MC, Petca R, Petrova E, Nistor CE, Dumitrascu A, Carsote M. Pituitary neuroendocrine tumours (PitNET)-related menses peculiarities. *Obstetrica și Ginecologia*. 2024;LXXII(1). (correspondence to Nistor CE) ISSN 1220-5532. ISSN 2821-8205. ISSN-L 1220-5532. Index Copernicus. doi:10.26416/ObsGin.72.1.2024.9566.
<https://www.medicub.ro/reviste-de-specialitate/obstetrica-si-ginecologia/pituitary-neuroendocrine-tumors-pitnet-related-menses-peculiarities-id-9566-cmsid-103>
3. Carsote M, Sandru F, Dumitrascu A, **Trandafir AI**, Gheorghe AM, Sima OC, Ciuche A, Nistor C. Emergency surgery for anaplastic thyroid carcinoma: a narrow band type of decision. *Journal of Surgical Sciences*. 2023;4(10):112-118. (correspondence to Sandru F) ISSN: 2360-3038; ISSN online: 2457-5364. Index Copernicus.
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4. Sima OC, **Trandafir AI**, Gheorghe AM, Petrova E, Ghemigian A, Sandru F, Petrescu BM, Stanciu M, Carsote M. Long-term consequences of partially treated combine pituitary hormone deficiency. *Romanian Journal of Clinical Research*. 2023;6(2):71-7. (correspondence to Sandru F) ISSN 2602-0467. Index Copernicus. doi:10.33695/rjcr.v6i2.209.
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5. Voinea IA, **Trandafir AI**, Gheorghe AM, Carsote M, Nistor C, Petrova E, Ghemigian AM. Challenges of low bone mineral density in a female with Alport syndrome. *Romanian Journal of Clinical Research*. 2023;6(1):29-35. (correspondence to Carsote M) ISSN 2602-0467. Index Copernicus.
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2.3. Poster presentations at international conferences/congresses

1. **Trandafir A**. Bone health outcome following adrenalectomy versus conservative management in 119 postmenopausal women with non-functional adrenal tumours. World Congress on Osteoporosis, Osteoarthritis and Musculoskeletal Diseases (WCO-IOF-ESCEO), 16-19 2026 April, Prague, Czech Republic. Abstract book (page 263; poster number P283)
<https://www.wco-iof-esceo.org/programme>
2. **Trandafir A**. Bone profile in postmenopausal women with adrenal tumours according to cortisol secretion status: a cross-sectional study. World Congress on Osteoporosis, Osteoarthritis and Musculoskeletal Diseases (WCO-IOF-ESCEO), 16-19 2026 April, Prague, Czech Republic. Abstract book (page 266; poster number P287)
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3. **Trandafir AI**, Carsote M. Bone health assessment in menopausal women with adrenal incidentalomas: a single Balkan country experience. The 38th Balkan Medical Week, organized by The Romanian National Section of the Balkan Medical Union, 5-6 June 2025, Bucharest, Romania.

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4. **Trandafir AI**, Sima OC, Nistor C, Dumitrascu A, Costachescu M, Petrova E. Beyond back pain: mild autonomous cortisol secretion complicated with vertebral fractures. World Congress on Osteoporosis, Osteoarthritis and Musculoskeletal Diseases (WCO-IOF-ESCEO), 10-13 2025 April, Rome, Italy. Abstract book (page 589; poster number P893) [WCO25-AbstractBook.pdf](#)
5. **Trandafir AI**, Sima OC, Nistor C, Dumitrascu A, Costachescu M, Voicu G, Petrova E. Conundrum of bisphosphonates drug holiday amid menopausal osteoporosis and bilateral adrenal tumors presenting mild autonomous cortisol secretion. World Congress on Osteoporosis, Osteoarthritis and Musculoskeletal Diseases (WCO-IOF-ESCEO), 10-13 2025 April, Rome, Italy. Abstract book (page 590; poster number P894) [WCO25-AbstractBook.pdf](#)
6. **Trandafir AI**, Petrova E, Gheorghe AM, Sima OC, Dumitrascu A. Bilateral nodular adrenocortical disease and decision making for antiosteoporotic medication. World Congress on Osteoporosis, Osteoarthritis and Musculoskeletal Diseases (WCO-IOF-ESCEO), 11-14 2024 April, London, United Kingdom. Abstract book (page 245; poster number P267) [WCO24-AbstractBook.pdf](#)
7. **Trandafir AI**, Gheorghe AM, Sima OC, Rentea ED, Nistor C, Bugala NM, Diaconu OA, Scriciu M. Premature ovarian failure and osteoporosis. World Congress on Osteoporosis, Osteoarthritis and Musculoskeletal Diseases (WCO-IOF-ESCEO), 4-7 2023 May, Barcelona, Spain. Abstract book (page 243; poster number P266) [WCO23-AbstractBook.pdf](#)

2.4. Poster and oral presentations at national conferences/congresses

1. **Trandafir AI**, Petrova E, Carsote M. Osteoporoza in contextul secretiei autonome de cortizol (MACS) si al hiperparatiroidismului primar. Al 33-lea Congres National al Societatii Romane de Endocrinologie. Stiinta, Colaborare si Dezvoltare. 29 June-2 July 2025, Timisoara, Romania. Volum de rezumate (pdf). pag 204-207 (PP73) www.sre.ro.
2. Gheorghe AM, Manda D, Loghin-Oprea N, Schipor SV, Cumpata V, Voicu G, **Trandafir AI**, Sima OC, Popescu A, Costahescu M, Petrova E, Suveica L, Carsote M. Correlations in the clinical approach of circulating irisin: a clinical study in postmenopausal women. The 27th National Symposium of Psychoneuroendocrinology, organized by Romanian Society of Psychoneuroendocrinology in partnership with "Stefan cel Mare" University of Suceava & the Academy of Medical Sciences, "Behavioural Implications of Neuroendocrine Disorders", 9-10 October 2025, Suceava, Romania <https://neuroendocrinologie.ro/>
3. Dumitrascu A, Gheorghe AM, **Trandafir AI**, Dumitru N, Cocolos A, Dragomir A, Carsote M. Parathyroid tumors and diabetes: thinking outside the box, but outside the current guidelines? The 27th National Symposium of Psychoneuroendocrinology, organized by Romanian Society of

Psychoneuroendocrinology in partnership with “Stefan cel Mare” University of Suceava & the Academy of Medical Sciences, “Behavioural Implications of Neuroendocrine Disorders”, 9-10 October 2025, Suceava, Romania
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4. Dumitrascu A, Sima OC, Costachescu M, Nistor C, Gheorghe A, Carsote M, **Trandafir AI**, Valea A. Congenital pituitary hypoplasia: heterogenous timing of multilayered hormone deficiency. (P.P.06). The 12th National Congress of Diabetes, Nutrition and Pediatric Endocrinology (ENPOPED) – with international participation, 2-5 April 2025, Timisoara. Abstract book (Editura Mirton Timisoara) ISSN 2810-3076, ISSN-L 2810-3076
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5. Suveica L, Sima OC, Gheorghe AM, **Trandafir AI**, Petrova E, Ghemigian A, Dumitrascu A, Manda A, Dragomir A, Cucu AP, Carsote M, Nistor C. From primary health care for thyroid nodules to redo thyroidectomy amid the diagnosis of papillary thyroid carcinoma. Congresul al V-lea al Medicilor de Familie din Republica Moldova cu participare internationala. 17-18 Mai 2024, Chisinau, Republica Moldova. Abstract book (pag. 248) ISBN 978-9975-82-377-7
file:///C:/Users/User/Downloads/Congres-Med_Fam%20.pdf <https://amf.md>
6. Costachescu M, Sima OC, Dumitrascu A, Petrova E, Dragomir A, Dumitru N, **Trandafir AI**, Gheorghe AM, Voicu G, Nistor C, Carsote M, Ghemigian A. Fluctuating dexamethasone suppression test results in a male with MACS (mild autonomous cortisol secretion) adrenal tumour and normocalcemic hyperparathyroidism. The 32nd National Congress of the Romanian Society of Endocrinology. 30th June-3rd July 2024, Cluj-Napoca, Romania. Abstract book (PO47. pag 270-272) ISSN 3045-2996, ISSN-L 3045-2996
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7. Dumitrascu A, Sima OC, **Trandafir AI**, Gheorghe AM, Petrova E, Carsote M, Nistor C, Costachescu M, Turturea R, Valea A. A boy with elevated 17-hydroxyprogesterone and precocious pseudopuberty. The 11th National Congress of Diabetes, Nutrition and Paediatric Endocrinology – with international participation. 17-20 April 2024, Timisoara, Romania. Abstract book (P.P.01) ISSN 2810-3076, ISSN-L 2810-3076
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8. Dumitrascu A, **Trandafir AI**, Sima OC, Gheorghe AM, Carsote M, Nistor C, Costachescu M, Valea A, Petrova E. Estrogen replacement therapy in Turner syndrome. The 11th National Congress of Diabetes, Nutrition and Paediatric Endocrinology – with international participation. 17-20 April 2024, Timisoara, Romania. Abstract book (P.P.02) ISSN 2810-3076, ISSN-L 2810-3076
<https://www.eventsmax.ro/evenimente/AI-11-lea-Congres-National-ENDOPED-63730/> www.endoped.ro
9. Dumitrascu A, Gheorghe AM, Sima OC, **Trandafir AI**, Costachescu M, Carsote M, Nistor C, Valea A, Petrova E. Pitfalls of elevated 17-hydroxyprogesterone in a young female with polycystic ovary syndrome. The 11th National Congress of Diabetes, Nutrition and Paediatric Endocrinology – with international participation. 17-20 April 2024, Timisoara, Romania. Abstract book (P.P.03) ISSN 2810-3076, ISSN-L 2810-3076 <https://www.eventsmax.ro/evenimente/AI-11-lea-Congres-National-ENDOPED-63730/> www.endoped.ro

10. Dumitrascu A, Gheorghe AM, Costachescu M, **Trandafir AI**, Sima OC, Valea A, Carsote M, Nistor C, Petrova E, Transient subclinical hypothyroidism in a teenager with Down syndrome. The 11th National Congress of Diabetes, Nutrition and Paediatric Endocrinology – with international participation. 17-20 April 2024, Timisoara, Romania. Abstract book (P.P.04) ISSN 2810-3076, ISSN-L 2810-3076 <https://www.eventsmax.ro/evenimente/AI-11-lea-Congres-National-ENDOPED-63730/ www.endoped.ro>
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Pre-PhD scientific works:

1. WOS/Clarivate full-length articles:

1. Carsote M, Vasiliu C, **Trandafir AI**, Albu SE, Dumitrascu MC, Popa A, Mehedintu C, Petca RC, Petca A, Sandru F. New Entity-Thalassemic Endocrine Disease: Major Beta-Thalassemia and Endocrine Involvement. *Diagnostics* (Basel). 2022;12(8):1921. (correspondence to Carsote M, Dumitrascu MC) [doi:10.3390/diagnostics12081921](https://doi.org/10.3390/diagnostics12081921). PMID: 36010271. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9406368/pdf/diagnostics-12-01921.pdf>
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2. Full-length articles indexed in international databases

1. **Trandafir AI**, Petrova E, Ghemigian A, Valea A, Carsote M, Sandru F. Emergency hypophysectomy for pituitary apoplexy in a previously undiagnosed case of acromegaly. Romanian Journal of Emergency Surgery. 2021;3(2):55-61. (correspondence to Carsote M) ISSN: 2668-7453. Index Copernicus. doi:10.33695/rojes.v3i2.4. <http://rojes.org/index.php/rojes/article/view/45/29>.
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3. Dumitrascu MC, **Trandafir AI**, Petrova E, Ghemigian A, Carsote M, Sandru F, Mehedintu C. Bilateral adrenal hemorrhage. Ro J Med Pract. 2021;16(4):413-21. (correspondence to Carsote M) ISSN 1842-8258. EBSCO index. doi: 10.37897/RJMP.2021.4.2. https://rjmp.com.ro/articles/2021.4/RJMP_2021_4_Art-02.pdf

3. Oral presentations at national conferences

1. **Trandafir AI**, Petrova E. Headache: the endocrinologist's perspective. AECR Symposium "From the Dermatologist... to the Endocrinologist", 7 May 2022, online (5 CME credits, CMR approval no. 3138 of 08/04/2022) www.aecr.ro <https://www.aecr.ro/evenimente/simpozionul-de-la-dermatolog-la-endocrinolog/>
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Signature