

PERSONAL INFORMATION

Ana Caruntu



✉ Ana.caruntu@gmail.com

Sex Female | Date of birth 24/09/1982 | Nationality Romanian

SCIENTOMETRY

Hirsch index (Web of Science) **21** (Google Scholar) **24**
 Cumulative impact factor as main author (Web of Science) **123.29**
 Total Citations (Web of Science) **1043** (Google Scholar) **1524**

Total number of publications (Web of Science/other international databases) **65**
 Total number of publications as main author (Web of Science) **34**
 Total number of publications as main author in the last 5 years (Web of Science) **27**
 Total number of publications as co-author (Web of Science/other international databases) **31**
 Publications in Q1/Q2 ranked journals, awarded for research results by the Executive Unit for Financing Higher Education, Research, Development and Innovation – UEFISCDI **25**

WORK EXPERIENCE

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- From July 2023 – to date **Full Professor, Department of Oral and Maxillofacial Surgery**
 “Titu Maiorescu” University Bucharest, Dental and General Medicine faculties, Oral and Maxillofacial surgery department (www.utm.ro)

 - Teaching activities for General Medicine and Dental Medicine students
 - Responsible for Resident doctors training program in Oral and Maxillofacial surgery
 - Research activities

 - From Jun 2021 – to date **Senior Consultant in Oral and Maxillofacial Surgery**
 Department of Oral and Maxillofacial surgery, “Carol Davila” Central University Military Emergency Hospital, Bucharest (www.scumc.ro)

 - Clinical activities (1500 surgical procedures: 400 complex and 1100 medium and minor surgeries)
 - Additional duties: Ethics Committee Secretary 2019-2021

 - From Nov 2022 – to date **AO CMF Community Development Commission Adjunct Member Europe & Southern Africa (ESA)**

 - Ensure that the objectives of the online and social media presence of AO CMF are achieved by fulfilling the duties of the AO CMF Community Development Commission*

 - From 2021 – 2023 **University Lecturer**
 “Titu Maiorescu” University Bucharest, Dental and General Medicine faculties, Oral and Maxillofacial surgery department (www.utm.ro)

Department of Oral and Maxillofacial surgery, “Carol Davila” Central University Military Emergency Hospital, Bucharest (www.scumc.ro)

 - From 2016 – 2020 **Assistant Professor**
 “Titu Maiorescu” University Bucharest, Dental and General Medicine faculties, Oral and Maxillofacial surgery department (www.utm.ro)

 - Teaching activities for General Medicine and Dental Medicine students
 - Research activitie

From Jul 2007 – Jan 2010

Clinical Research Associate

GlaxoSmithKline Romania, Research and Development Department

- Clinical trial management in collaboration with Investigators, Central and Local Authorities

EDUCATION AND TRAINING

From 2020 - 2022

Habilitation Thesis

“New approaches in the assessment of head and neck malignancies”

“Titu Maiorescu” University Bucharest, Doctoral School of Medicine

From 2016 – 2020

PHD degree

“Titu Maiorescu” University Bucharest, Doctoral School in Medicine. Title of the thesis “Study of prognostic indicators in head and neck squamous cell carcinoma – identification of a new prediction algorithm”

- Research in the field of immune and inflammatory mechanisms involved in the pathogenesis of head and neck cancers; assessment of the role of non-invasive imaging techniques in the diagnosis and monitoring of premalignant and malignant lesions of the oral mucosa.

From 2010 – 2015

Residency Training in Oral and Maxillofacial Surgery

“Dan Theodorescu” Oral & Maxillofacial Surgery Hospital Bucharest (www.spitalomf.ro)

- Specific residency training activities

From 2008 – 2009

Master’s Degree in Healthcare Management

Bucharest Academy of Economic Studies (www.ase.ro)

From 2005 – 2009

Dental Medicine (DMD) degree

“Carol Davila” University of Medicine and Pharmacy, Bucharest, Faculty of Dental Medicine (www.umfcd.ro)

From 1999 – 2005

General Medicine (MD) Degree

“Carol Davila” University of Medicine and Pharmacy, Bucharest, Faculty of General Medicine (www.umfcd.ro)

PERSONAL SKILLS

Mother tongue(s)

Romanian

Other language(s)

UNDERSTANDING

SPEAKING

WRITING

Listening

Reading

Spoken interaction

Spoken production

English

C1

C1

C1

C1

C1

French

B2

B2

B1

B1

B1

Russian

C2

C2

C2

C2

C2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user

Common European Framework of Reference for Languages

Certifications

European state accredited English language examination level C1 (Jan 2021)

Communication skills

Good communication skills gained through my experience with oral presentations at scientific events

Presentation skills training (Bucharest 2007)

Digital skills

SELF-ASSESSMENT

Information processing

Communication

Content creation

Safety

Problem solving

Proficient level

Proficient Level

Proficient Level

Independent level

Independent level

Other skills	Good command of document processing (Word, Excel, PowerPoint), statistics (GraphPad, SPSS) Playing piano, reading, dancing
Driving licence	A & B

ADDITIONAL INFORMATION

Courses and workshops

1. Erasmus Mobility Agreement for Teaching – Faculty of Dentistry, Sapienza University, Rome, Italy, 29 Apr-2 May 2024
2. Microsurgery techniques - Pius Branzeu Training Center, Timișoara, Romania, Oct 5-8, 2016
3. AOCMF Advanced Course on Orbital Reconstruction - Birmingham, UK, May 19–21, 2016
4. "Mohs surgery in cutaneous cancer" – UMF Carol Davila Bucuresti and Romania Society of Esthetic Medicine and Surgical Dermatology, Bucharest, June 11, 2013
5. Soft tissue management in the esthetic areas – Romanian Society of Esthetic Dentistry, Romania, Bucharest, 29 Mar 2013
6. Visiting Doctor at the Department of Head and Neck surgery, Beth Israel Hospital, New York, Nov 2013 (microsurgery and reconstructive surgery)
7. Three-dimensional reconstruction of the alveolar bone – Romanian Society of Esthetic Dentistry, Romania, Bucharest, 23-24 Nov 2012
8. Visiting Fellow at the Head and Neck surgery Department, "Jules Bordet" Oncology Institute, Brussels, Belgium, 1st Apr-1 June 2012 (microvascular reconstructive surgery)
9. Séminaire de Cancérologie Chirurgicale – Mélanomes de la sphère cervico-faciale: traitements – Institut Jules Bordet, Bruxelles 23 Apr 2012
10. "Surgery of the midface. Congenital malformations and facial deformities" – Romania EACMFS International Educational Program, Cluj-Napoca, 17 May 2011
11. "Surgical Dermatology" – Carol Davila University of Medicine and Pharmacy Bucharest, 27-28 Oct 2011
12. "Parotid surgery. Success and failure in implantology" – International course of Cranio-maxillo-facial surgery, Iasi, Romania, 29-30 Oct 2010
13. "Trauma of the middle third of the face & Complications and failures in dental implants" – EACMFS Romanian International Program; Third Phase, 3rd Course, Constanța, Romania 16-17 Apr 2010
14. "Time Manager – Priorities & Results Program – TMI Romania, 6 Dec 2007

Memberships	<ul style="list-style-type: none"> ✓ European Association for Cranio-Maxillo-Facial Surgery (EACMFS) ✓ Romanian Society of Oral and Maxillofacial Surgery ✓ AOCMF
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Prizes	<ol style="list-style-type: none"> 1. 2021 AOCMF Fellowship winner at the Klinik für Mund-, Kiefer- und Gesichtschirurgie/Ludwig-Maximilians-Universität, in München, Germany (July-August 2021) 2. AOPEER Research Training Scholarship to attend the AOPEER Teacher Seminar & AOPEER Principles of Clinical Research, Davos, Switzerland, Dec 6-8, 2019 3. Hugo Obwegeser Travelling Scholarship granted by EACMFS in 2018 to attend a training program in Therapy of facial palsy and Reconstructive Microsurgery at OMF Department, San Paolo Hospital, Milan, Italy 4. Leibinger Prize sponsored by Stryker, awarded by EACMFS in 2016 to attend a training program in orthognathic Surgery at OMF Department, Sint Jan Hospital, Brugge, Belgium 5. Certificate of Appreciation - the 19th Congress of the Balkan Stomatological Society – BaSS, April 24- 27, 2014 – Belgrade – Serbia
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Reviewer

- ✓ Diagnostics (ISI impact factor 2020 3.706)
- ✓ Scientific Reports ((ISI impact factor 2019: 3.998)
- ✓ Analytical Cellular Pathology (ISI impact factor 2019: 2.125)
- ✓ Cancers (ISI impact factor 2020 6.639)
- ✓ Cells (ISI impact factor 2020 6.600)
- ✓ Molecules (ISI impact factor 2020 4.411)
- ✓ Journal of Applied Oral Science (ISI impact factor 2020 2.698)

Editorial activity

1. Guest Editor „Biomaterials and Tissue Regeneration in Craniofacial Defect Reconstruction” in IJMS (IF 5.6) - 2024
2. Guest Editor „Advances of Molecular Sciences in Oral Diseases Detection and Treatment” in Frontiers in Bioscience-Landmark Journal (IF 3.115) - 2022
3. Guest Editor „Oral Squamous Cell Carcinoma—Pathogenetic, Diagnostic and Therapeutic Perspectives” in the IJMS (IF 6.908) – 2023
4. Guest Editor „Immune, Inflammatory and Metabolic Mechanisms in Cancer” in the IJMS (IF 6.908) – 2022
5. Guest Editor” Head and Neck Cancer: Recent Advances and Future Directions” in the JCM (IF 4.964) – 2022

- Projects/Grants
1. PN-IV-P2-2.3-PRECISI-2023-75919 Assessment of Serum Urea, Creatinine and Uric Acid in Oral Cancer
 2. PN-IV-P2-2.3-PRECISI-2023-70695 Skin Inflammation Modulation via TNF-alpha, IL-17, and IL-12 Family Inhibitors Therapy and Cancer Control in Patients with Psoriasis
 3. PN-IV-P2-2.3-PRECISI-2023-72618 The Predictive Role of Neutrophil-to-Lymphocyte Ratio (NLR), Platelet-to-Lymphocyte Ratio (PLR), Monocytes-to-Lymphocyte Ratio (MLR) and Gammaglobulins for the Development of Cutaneous Vasculitis Lesions in Primary Sjogren's Syndrome
 4. PN-IV-P2-2.3-PRECISI-2023-74922 The Assessment of Serum Cytokines in Oral Squamous Cell Carcinoma Patients: An Observational Prospective Controlled Study
 5. PN-IV-P2-2.3-PRECISI-2023-73062 Availability, Toxicology and Medical Significance of Antimony
 6. PN-IV-P2-2.3-PRECISI-2023-73272 Kaempferol: Antimicrobial Properties, Sources, Clinical, and Traditional Applications
 7. PN-III-P1-1.1-PRECISI-2021-66697 The Effects of Capsaicin on Gastrointestinal Cancers
 8. PN-III-P1-1.1-PRECISI-2021-67350 Assessment of Immune Cell Populations in Tumor Tissue and Peripheral Blood Samples from Head and Neck Squamous Cell Carcinoma Patients
 9. PN-III-P1-1.1-PRECISI-2021-67798 Minimally Invasive Two-Stage Surgery in the Treatment of Large Cystic Lesions of the Jaw
 10. PN-III-P1-1.1-PRECISI-2021-58746 The Hidden Treasures of Preoperative Blood Assessment in Oral Cancer: A Potential Source of Biomarkers
 11. PN-III-P1-1.1-PRECISI-2021-57584 Assessment of Histological Features in Squamous Cell Carcinoma Involving Head and Neck Skin and Mucosa
 12. PN-III-P1-1.1-PRECISI-2021-57756 Preoperative Evaluation through Dermoscopy and Reflectance Confocal Microscopy of the Lateral Excision Margins for Primary Basal Cell Carcinoma
 13. PN-III-P1-1.1-PRECISI-2021-58632 Applications of Nanosized-Lipid-Based Drug Delivery Systems in Wound Care
 14. PN-III-P1-1.1-PRECISI-2021-57319 Current Perspectives on the Role of Matrix Metalloproteinases in the Pathogenesis of Basal Cell Carcinoma
 15. PN-III-P1-1.1-PRECISI-2021-58098 Cannabinoids and Inflammations of the Gut-Lung-Skin Barrier
 16. PN-III-P1-1.1-PRECISI-2021-54243 Prognostic Potential of Tumor-Infiltrating Immune Cells in Resectable Oral Squamous Cell Carcinoma
 17. PN-III-P1-1.1-PRECISI-2021-55687 Neuroendocrine Factors in Melanoma Pathogenesis
 18. PN-III-P1-1.1-MC-2020-0069 – patent application with the title „Prognostic risk assessment method in head and neck cancer based on the preoperative determination of seric fibrinogen level and platelet-to-lymphocyte ratio” – financed by MER, 2020; project director
 19. PN-III-P1-1.1-PRECISI-2020-45028 - Cannabinoids in the Pathophysiology of Skin
 20. PN-III-P1-1.1-PRECISI-2020-46007 - Antiangiogenic Antibodies and Inflammatory Response in Cutaneous Melanoma
 21. PN-III-P1-1.1-PRECISI-2020-40898 - In Vivo Reflectance Confocal Microscopy Diagnostic Criteria for Actinic Cheilitis and Squamous Cell Carcinoma of the Lip
 22. PN-III-P1-1.1-PRECISI-2019-38905 - A Systematic Review and Meta-Analysis of the Accuracy of in Vivo Reflectance Confocal Microscopy for the Diagnosis of Primary Basal Cell Carcinoma
 23. PN-III-P1-1.1-PRECISI-2018-22518 - Neuroendocrine Factors and Head and Neck Squamous Cell Carcinoma: An Affair to Remember
 24. PN-III-P1-1.2-PCCDI2017-0341 project "Multidisciplinary platform for the improvement of regional institutional capacities in dermato-oncology and oncological dermato-pathology" financed by MER, Romania 2017 (member in the project)
 25. PN-III-P1-1.1-PRECISI-2016-12936 - From Normal Skin to Squamous Cell Carcinoma: A Quest for Novel Biomarkers
 26. PN-III-P1-1.1-PRECISI-2016-12535 - Gene Expression and Proteome Analysis as Sources of Biomarkers in Basal Cell Carcinoma
 27. PN-II-RU-PRECISI-2014-8-4491 - Stress-Induced Mast Cell Activation in Glabrous and Hairy Skin

Annexes List of publications:

1. Scientific books/ book chapters
2. Scientific articles (indexed in Web of Science or other international databases)
3. Presentations at national or international conferences

Scientific books/ book chapters/article book chapters:

1. Dalia Bratu, D. Boda, Andreea Matei, C. Căruntu, *Ana Căruntu*. Dermatita atopică – Review, tehnici noi de diagnosticare și monitorizare a pacienților în "Interferente în Dermatologie". Editura "Gr.T. Popa" U.M.F. Iasi 2022. ISBN: 978-606-544-829-2
2. *Ana Caruntu*, Liliana Moraru, Cristian Scheau, Andreea Mariana Matei, Constantin Caruntu. Patologia tumorală malignă a buzelor. Editura "Gr.T. Popa" U.M.F. Iasi 2021. Pag. 212-222. ISBN: 978-606-544-776-9
3. Andreea-Mariana Matei, Amalia-Elena Anghel, Cristian Mares, Cristian Scheau, *Ana Caruntu*, Ioana Anca Badarau, Constantin Caruntu. Noi abordări în domeniul cicatrizării cutanate. Editura "Gr.T. Popa" U.M.F. Iasi 2021. Pag. 299-337. ISBN: 978-606-544-776-9
4. Scheau C, Caruntu C, Badarau IA, Scheau A-E, Docea AO, Calina D, *Caruntu A*. Cannabinoids and Inflammations of the Gut-Lung-Skin Barrier publicat în cartea Personalized Medicine in the Field of Inflammatory Skin Disorders. MDPI Basel, Switzerland. 2022. ISBN 978-3-0365-3574-6 (hardback); ISBN 978-3-0365-3573-9 (PDF) <https://doi.org/10.3390/books978-3-0365-3573-9> - article book chapter
5. *Caruntu A*, Scheau C, Tampa M, Georgescu SR, Caruntu C, Tanase C. Complex Interaction Among Immune, Inflammatory, and Carcinogenic Mechanisms in the Head and Neck Squamous Cell Carcinoma. Best practice in healthcare. Springer Nature Switzerland AG. 2021. ISBN: 978-3-030-77742-5. DOI: 10.1007/5584_2021_626 - article book chapter
6. Tampa M, Georgescu SR, Mitran MI, Mitran CI, Matei C, *Caruntu A*, Scheau C, Nicolae I, Matei A, Caruntu C, Constantin C, Neagu M. Current Perspectives on the Role of Matrix Metalloproteinases in the Pathogenesis of Basal Cell Carcinoma. Biomolecules. MDPI Basel, Switzerland. 2021. ISBN 978-3-0365-3405-3 (hardback); ISBN 978-3-0365-3406-0 (PDF). <https://doi.org/10.3390/books978-3-0365-3406-0> - article book chapter
7. Mihai Lupu, *Ana Caruntu*, Daniel Boda and Constantin Caruntu. In Vivo Reflectance Confocal Microscopy-Diagnostic Criteria for Actinic Cheilitis and Squamous Cell Carcinoma of the Lip in Current Advances in Non-Melanoma Skin Cancer. MDPI Basel, Switzerland. 2021. ISBN 978-3-0365-0890-0 (Hbk). ISBN 978-3-0365-0891-7 (PDF). <https://doi.org/10.3390/books978-3-0365-0891-7> - article book chapter
8. Caruntu C, Boda D, *Caruntu A*, Longo C. Skin Stem Cells in Cutaneous Wound Healing and Tumorigenesis; in "Stem Cells between Regeneration and Tumorigenesis", e-book, Editors: Cristiana Tanase and Monica Neagu, Bentham Publishing House, 2016, pp. 63-105. DOI: 10.2174/97816810833151160101; eISBN: 978-1-68108-331-5; ISBN: 978-1-68108-332-2

Scientific articles (indexed in Web of Science or other international databases):

1. Elena G. Dobre, Ana Căruntu, Adriana N. Munteanu, Mihaela Surcel, Carolina Constantin, Constantin Căruntu, Cristian Scheau, Monica Neagu. Investigating EGFR, BRAF, and RAS Mutations in Oral and Cutaneous Squamous Cell Neoplasms: A Preliminary Report on Romanian Patients. <https://doi.org/10.55453/ijmm.2024.127.5>. (WOS impact factor 2022: 0.3) – main author
2. Periferakis A, Periferakis A-T, Troumpata L, Dragosloveanu S, Timofticiuc I-A, Georgatos-Garcia S, Scheau A-E, Periferakis K, *Caruntu A*, Badarau IA, et al. Use of Biomaterials in 3D Printing as a Solution to Microbial Infections in Arthroplasty and Osseous Reconstruction. Biomimetics. 2024; 9(3):154. <https://doi.org/10.3390/biomimetics9030154> - (WOS impact factor 2022: 4.5)
3. Cretu B, Zamfir A, Bucurica S, Scheau AE, Savulescu Fiedler I, Caruntu C, *Caruntu A*, Scheau C. Role of Cannabinoids in Oral Cancer. International Journal of Molecular Sciences. 2024; 25(2):969. <https://doi.org/10.3390/ijms25020969> (WOS impact factor 2024: 5.6) – main author
4. Timofticiuc I-A, Călinescu O, Iftime A, Dragosloveanu S, *Caruntu A*, Scheau A-E, Badarau IA, Didilescu AC, Caruntu C, Scheau C. Biomaterials Adapted to Vat Photopolymerization in 3D Printing: Characteristics and Medical Applications. Journal of Functional Biomaterials. 2024; 15(1):7. <https://doi.org/10.3390/jfb15010007> (WOS impact factor 2022: 4.8)
5. Periferakis A, Periferakis A-T, Troumpata L, Periferakis K, Scheau A-E, Savulescu-Fiedler I, *Caruntu A*, Badarau IA, Caruntu C, Scheau C. Kaempferol: A Review of Current Evidence of Its Antiviral Potential. International Journal of Molecular Sciences. 2023; 24(22):16299. <https://doi.org/10.3390/ijms242216299> (WOS impact factor 2022: 6.208)
6. Periferakis, Aristodemos-Theodoros, Argyrios Periferakis, Konstantinos Periferakis, *Ana Caruntu*, Ioana Anca Badarau, Ilinca Savulescu-Fiedler, Cristian Scheau, and Constantin Caruntu. 2023. "Antimicrobial Properties of Capsaicin: Available Data and Future Research Perspectives" Nutrients 15, no. 19: 4097. <https://doi.org/10.3390/nu15194097> (WOS impact factor 2022: 5.9)
7. Scheau C, Caruntu C, *Caruntu A*. Current Approach and Future Directions in the Diagnosis and Prognosis of Keratinocyte Carcinomas. Journal of Clinical Medicine. 2023; 12(12):3974 <https://doi.org/10.3390/jcm121> (WOS impact factor 2023: 3.9) – main author
8. Mihai A, Caruntu C, Jurcut C, Blajut FC, Casian M, Opris-Belinski D, Ionescu R, *Caruntu A*. The Spectrum of Extraglandular Manifestations in Primary Sjögren's Syndrome. Journal of Personalized Medicine. 2023; 13(6):961. <https://doi.org/10.3390/jpm13060961> (WOS impact factor 2022: 3.4) – main author
9. Mihai A, Chitimus DM, Jurcut C, Blajut FC, Opris-Belinski D, Caruntu C, Ionescu R, *Caruntu A*. Comparative Analysis of Hematological and Immunological Parameters in Patients with Primary Sjögren's Syndrome and Peripheral Neuropathy. Journal of Clinical Medicine. 2023; 12(11):3672. <https://doi.org/10.3390/jcm12113672> (WOS impact factor 2022: 3.9) – main author
10. Dobre E-G, Surcel M, Constantin C, Ilie MA, *Caruntu A*, Caruntu C, Neagu M. Skin Cancer Pathobiology at a Glance: A Focus on Imaging Techniques and Their Potential for Improved Diagnosis and Surveillance in Clinical Cohorts. International Journal of Molecular Sciences. 2023; 24(2):1079. <https://doi.org/10.3390/ijms24021079> (WOS impact factor 2021: 6.208)
11. *Caruntu A*, Caruntu C. Recent Advances in Oral Squamous Cell Carcinoma. Journal of Clinical Medicine. 2022; 11(21):6406. <https://doi.org/10.3390/jcm11216406> (WOS impact factor 2022: 3.9) – main author

12. Periferakis, A.; Periferakis, K.; Badarau, I.A.; Petran, E.M.; Popa, D.C.; *Caruntu, A.*; Costache, R.S.; Scheau, C.; Caruntu, C.; Costache, D.O. Kaempferol: Antimicrobial Properties, Sources, Clinical, and Traditional Applications. *Int. J. Mol. Sci.* 2022, 23, 15054. <https://doi.org/10.3390/ijms232315054> (WOS impact factor 2021: 6.208)
13. *Caruntu A*, Caruntu C, Scheau C. Reply to Çınar et al. Comment on "Zamfir et al. Hematologic Malignancies Diagnosed in the Context of the mRNA COVID-19 Vaccination Campaign: A Report of Two Cases. *Medicina* 2022, 58, 874". *Medicina*. 2022; 58(11):1576. <https://doi.org/10.3390/medicina58111576> (WOS impact factor 2022: 2.6) – main author
14. Mihai A, *Caruntu A*, Opris-Belinski D, Jurcut C, Dima A, Caruntu C, Ionescu R. The Predictive Role of Neutrophil-to-Lymphocyte Ratio (NLR), Platelet-to-Lymphocyte Ratio (PLR), Monocytes-to-Lymphocyte Ratio (MLR) and Gammaglobulins for the Development of Cutaneous Vasculitis Lesions in Primary Sjögren's Syndrome. *Journal of Clinical Medicine*. 2022; 11(19):5525. <https://doi.org/10.3390/jcm11195525> (WOS impact factor 2022: 3.9) – main author
15. *Caruntu A*, Scheau C, Codrici E, Popescu ID, Calenic B, Caruntu C, Tanase C. The Assessment of Serum Cytokines in Oral Squamous Cell Carcinoma Patients: An Observational Prospective Controlled Study. *J Clin Med*. 2022 Sep 14;11(18):5398. doi: 10.3390/jcm11185398 (WOS impact factor 2022: 3.9) – main author
16. Tizu M, Măruntelu I, Cristea BM, Nistor C, Ishkitiev N, Mihaylova Z, Tsikandelova R, Miteva M, *Caruntu A*, Sabliov C, Calenic B, Constantinescu I. PLGA Nanoparticles Uptake in Stem Cells from Human Exfoliated Deciduous Teeth and Oral Keratinocyte Stem Cells. *J Funct Biomater*. 2022 Jul 31;13(3):109. doi: 10.3390/jfb13030109 (WOS impact factor 2020: 4.901)
17. Zamfir M-A, Moraru L, Dobrea C, Scheau A-E, Iacob S, Moldovan C, Scheau C, Caruntu C, *Caruntu A*. Hematologic Malignancies Diagnosed in the Context of the mRNA COVID-19 Vaccination Campaign: A Report of Two Cases. *Medicina*. 2022; 58(7):874. <https://doi.org/10.3390/medicina58070874> (WOS impact factor 2022: 2.6) – main author
18. *Caruntu, A.*; Moraru, L.; Ciubotaru, D.A.; Tanase, C.; Scheau, C.; Caruntu, C. Assessment of Serum Urea, Creatinine and Uric Acid in Oral Cancer. *J. Clin. Med.* 2022, 11(12), 3459. <https://doi.org/10.3390/jcm11123459> (WOS impact factor 2022: 3.9) – main author
19. Daniel Octavian Costache, Oana Feroiu, Adelina Ghilencea, Mihaela Georgescu, *Ana Căruntu*, Constantin Căruntu, Sorin George Țiplica, Mariana Jinga, Raluca Simona Costache. Skin Inflammation Modulation via TNF- α , IL-17, and IL-12 Family Inhibitors Therapy and Cancer Control in Patients with Psoriasis. *Int. J. Mol. Sci.* 2022, 23(9), 5198; <https://doi.org/10.3390/ijms23095198> (WoS impact factor 2020: 4.556)
20. Periferakis A, Caruntu A, Periferakis AT, Scheau AE, Badarau IA, Caruntu C, Scheau C. Availability, Toxicology and Medical Significance of Antimony. *Int. J. Environ. Res. Public Health* 2022, 19, 4669 <https://doi.org/10.3390/ijerph19084669> (WoS impact factor 2022: 4.614) - main author
21. *Caruntu A*, Moraru L, Comaneanu RM, Costache RS, Farcasiu TA, Scheau C, Costache DO and Caruntu C: A combination of two regional flaps for the complex reconstruction after head and neck cancer surgery as an alternative approach during the COVID-19 pandemic: A case report. *Exp Ther Med* 23: 364, 2022. <https://doi.org/10.3892/etm.2022.11291> (WoS impact factor 2022: 2.7) – main author
22. *Caruntu A*, Moraru L, Surcel M, Munteanu A, Costache DO, Tanase C, Constantin C, Scheau C, Neagu M, Caruntu C. Persistent Changes of Peripheral Blood Lymphocyte Subsets in Patients with Oral Squamous Cell Carcinoma. *Healthcare*. 2022; 10(2):342. <https://doi.org/10.3390/healthcare10020342> (WoS impact factor 2022: 2.8) - main author
23. Irimia A, Moraru L, Ciubotaru DA, Caruntu C, Farcasiu AT, *Caruntu A*. Minimally Invasive Two-Stage Surgery in the Treatment of Large Cystic Lesions of the Jaw. *Healthcare* 2021, 9(11), 1531; <https://doi.org/10.3390/healthcare9111531> (WoS impact factor 2021: 3.16) – main author
24. *Caruntu A*, Moraru L, Surcel M, Munteanu A, Tanase A, Constantin C, Zurac S, Caruntu C, Neagu M. Assessment of Immune Cell Populations in Tumor Tissue and Peripheral Blood Samples from Head and Neck Squamous Cell Carcinoma Patients. *Anal Cell Pathol (Amst)*. 2021 Oct 15;2021:2328218. doi: 10.1155/2021/2328218. PMID: 34692375; PMCID: PMC8536455. (WOS impact factor 2021: 4.133) - main author
25. *Caruntu A*, Moraru L, Lupu M, Taubner L, Caruntu C, Tanase C. The Hidden Treasures of Preoperative Blood Assessment in Oral Cancer: A Potential Source of Biomarkers. *Cancers*. 2021; 13(17):4475. <https://doi.org/10.3390/cancers13174475> (WOS impact factor 2021: 6.575) – main author
26. Dumitrache MD, Jieanu AS, Scheau C, Badarau IA, Popescu GDA, *Caruntu A*, Costache DO, Costache RS, Constantin C, Neagu M, Caruntu C. Comparative effects of capsaicin in chronic obstructive pulmonary disease and asthma (Review). *Comparative effects of capsaicin in chronic obstructive pulmonary disease and asthma (Review)*. *Exp Ther Med*. 2021; 22: 917. <https://doi.org/10.3892/etm.2021.10349> (WOS impact factor 2020: 2.447)
27. Costache RS, Dragomirica AS, Dumitras EA, Mariana J, *Caruntu A*, Popescu A, Costache DO. Portal vein thrombosis: A concise review (Review). *Exp Ther Med*. 2021 Jul;22(1):759. doi: 10.3892/etm.2021.10191. Epub 2021 May 13. (WOS impact factor 2020: 2.447)
28. Scheau C, Ilie MA, Grigore O, Mihailescu AI, Caruntu A, Mihai LG, Badarau IA, Boda A, Caruntu C. Modulation of capsaicin-induced neurogenic vasodilation by acute psychological stress. *Farmacia*. 2021, Vol 69,4. <https://doi.org/10.31925/farmacia.2021.4.20>
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Oral or poster presentations at national or international scientific events:

Invited speaker:

1. Ana Caruntu. Prevention and management of surgical complications associated with dental treatments. XIIth UTM National Congress Viziunea interdisciplinara in Medicina Dentara, 26-28 April 2023, Bucharest, Romania
2. Ana Caruntu. Prognostic and diagnostic biomarkers in oral cancer – recent progress and future directions. The XIth Carol Davila University of Medicine and Pharmacy Congress, 26-28 October 2023, Bucharest, Romania.

Oral/poster presentations:

3. Victoria Ioana Sima, Bianca Cazacu, Dan Alexandru Mihai, Raluca Monica Comaneanu, Anna Maria Pangica, Liliana Moraru, *Ana Caruntu*. Therapeutic challenges in the management of maxillary odontogenic cystic lesions. 21st International Esthetic Dentistry Congress, 15-17 May 2024, Bucharest, Romania
4. Nicoleta-Roxana Urzica; Victoria Sima; Maria Petrache; Brigitte Cretu; *Ana Caruntu*. Anterior iliac crest bone grafting for reconstruction of the severely atrophic maxilla and partially atrophic mandible combined with Le Fort I osteotomy prior to dental implant placement. AO FaceAhead. 11-13 April 2024, Prague, Czech Rep.
5. *Ana Caruntu*, Nicoleta Roxana Urzica, Diana Alina Ciubotaru, Dalia Bratu, Constantin Caruntu. In vivo Reflectance Confocal Microscopy for the diagnosis and evaluation of malignant lower lip lesions. AO FaceAhead. 11-13 April 2024, Prague, Czech Rep.
6. Nicoleta-Roxana Urzica; Victoria Ioana Sima; Anna Maria Pangica, Monica Raluca Comaneanu, Alexandru-Titus Farcasiu, *Ana Caruntu*. Implant-based rehabilitation techniques for patients with severely atrophic maxilla. XIIth UTM National Congress Viziunea interdisciplinara in Medicina Dentara, 26-28 April 2023, Bucharest, Romania
7. Miruna Maria Gheorghisor, Maria Alexandra Zamfir, Diana Alina Peicu, Iulia Purza, *Ana Caruntu*. The management of oncological patients under antiresorptive therapy - a real interdisciplinary challenge. XIIth UTM National Congress Viziunea interdisciplinara in Medicina Dentara, 26-28 April 2023, Bucharest, Romania
8. Victoria Ioana Sima, Bianca Cazacu; Dan Alexandru Mihai; Horia Mihail Barbu; *Ana Căruntu*. An update in the management of oral surgery procedures in patients using anticoagulant medication. XIIth UTM National Congress Viziunea interdisciplinara in Medicina Dentara, 26-28 April 2023, Bucharest, Romania
9. Maria-Alexandra Zamfir, Maria Petrache; Cretu Brigitte, David Pietriceanu; *Ana Caruntu*. The importance of dental occlusion in reduction of the facial massive fractures. XIIth UTM National Congress Viziunea interdisciplinara in Medicina Dentara, 26-28 April 2023, Bucharest, Romania
10. Cretu Brigitte, Samuel Romas, Nicoleta Roxana Urzica, Liliana Moraru, *Ana Caruntu*. Current concepts in the prevention and treatment of maxillary osteonecrosis associated with antiresorptive therapy. XIIth UTM National Congress Viziunea interdisciplinara in Medicina Dentara, 26-28 April 2023, Bucharest, Romania
11. *Ana Caruntu*, Aura Bataiosu, Mihaela Iordache, Clara Ursescu, Roxana Nicoleta Urzica, Brigitte Cretu, Maria Petrache, Alexandra Zamfir. The concept of minimally invasive approach for the diagnosis of head and neck tumor masses. The XII Conference of the "Carol Davila" University Military Hospital, 6-11 Nov 2023, Bucharest, Romania
12. *Ana Caruntu*, Victoria Sima, Monica Raluca Comaneanu, Violeta Hancu, Anna Maria Pangica. Decompression surgery for the treatment of large mandibular cysts. XIth UTM National Congress Viziunea interdisciplinara in Medicina Dentara, 26-28 April 2023, Bucharest, Romania
13. C. Căruntu, *Ana Caruntu*, M. Lupu, Sabina Zurac, D. Boda. Microscopia confocală de reflectanță in vivo a leziunilor buzei inferioare. Primavara Dermatologica Ieseana 24-28 aprilie 2023, Iasi, Romania.
14. Nicoleta-Roxana Urzica; Diana Alina Ciubotaru; Miruna Maria Gheorghisor; Constantin Caruntu; *Ana Caruntu*. Frey syndrome following parotid surgery. SNN&SNP Conference, 29Sept-1 Oct 2022, Bucharest, Romania.
15. Diana Alina Ciubotaru, Liliana Moraru, Constantin Caruntu, *Ana Caruntu*. Investigation of actinic cheilitis using in vivo reflectance confocal microscopy. XXVIth EACMFS Congress, 26-30 Sept 2022, Madrid, Spain
16. Dalia Bratu, D. Boda, Andreea Matei, C. Căruntu, *Ana Căruntu*. Atopic dermatitis – Review, new methods of diagnose and follow-up of the patients. X Conference Iasi Dermatological Spring; 3-7 May 2022, Iasi, Romania.
17. C. Caruntu, Mihaela Adriana Ilie, Iulia Solomon, Dalia Bratu, *Ana Caruntu*, D. Boda. The effects of lifestyle on atopic dermatitis – A psychodermatological perspective. X Conference Iasi Dermatological Spring; 3-7 May 2022, Iasi, Romania.
18. Diana Alina Ciubotaru, Liliana Moraru, Andreea Matei, *Ana Caruntu*, Constantin Caruntu. Oral squamous cell carcinoma associated with chronic immunosuppressive treatment – a clinical case. FaceAhead AOCMF, 5-7 May 2022, Barcelona, Spain
19. *Ana Caruntu*, Liliana Moraru, Cristiana Tanase, Constantin Caruntu. Minimally invasive surgery for giant mandibular cysts. 25th EACMFS Congress, 14-16 July 2021, Paris, France
20. Andreea-Mariana Matei, Amalia-Elena Anghel, C. Mareș, C. Scheau, *Ana Căruntu*, Ioana-Anca Bădărău, C. Căruntu. Recent advances in wound healing. Primavara Dermatologica Ieseana 20-24 iulie 2021, Iasi, Romania. Pag: 66-67. ISBN: 978-606-13-6394-0.
21. Constantin, C; Surcel, M; Munteanu, AN; *Caruntu, A*; Caruntu, C; Zurac, S; Neagu, M. Omics biomarkers as translational medicine tools in skin malignancies. European Journal of Immunology. Vol 51. Meeting abstract P-1066. 2021
22. Carolina Constantin, Mihaela Surcel, Adriana Narcisa Munteanu, *Ana Căruntu*, C. Căruntu, Sabina Andrada Zurac, Monica Neagu. Epigenomic perspectives as biomarkers source in skin cancers. Primavara Dermatologica Ieseana 20-24 iulie 2021, Iasi, Romania. Pag: 376-378. ISBN: 978-606-13-6394-0.
23. C. Căruntu, M. Lupu, Mihaela Ilie, *Ana Căruntu*, Sabina Zurac, D. Boda. Reflectance confocal microscopy – in vivo diagnosis of basal cell carcinoma. Primavara Dermatologica Ieseana 20-24 iulie 2021, Iasi, Romania. Pag: 380-381. ISBN: 978-606-13-6394-0.

24. Monica Neagu, Carolina Constantin, Mihaela Surcel, Adriana Munteanu, Ana Căruntu, Constantin Căruntu, Sabina Zurac. Immunological traits in non-melanoma patients. „Victor Babeș” National Institute of Pathology Annual Scientific Meeting & 13th National Pathology Symposium; 5 – 7 Nov 2020
25. Carolina Constantin, Mihaela Surcel, Adriana Narcisa Munteanu, Ana Căruntu, Sabina Zurac, Monica Neagu. Soluble biomarkers in skin cancer - a multiplex proteomic view. „Victor Babeș” National Institute of Pathology Annual Scientific Meeting & 13th National Pathology Symposium; 5 – 7 Nov 2020
26. Constantin Caruntu, Ana Caruntu, Mihai Lupu, Sabina Zurac, Daniel Boda. Premalignant and malignant lesions of the lower lip – in vivo microstructural investigation. The 4th Conference of the Romanian Society of Dermato-Immunology and 49th Conference of the Romania Society of Immunology; 30th Sept - 03 Oct 2020
27. Ana Caruntu, Constantin Caruntu, Liliana Moraru, Mihaela Surcel, Cristiana Tanase, Carolina Constantin, Monica Neagu. Immune parameters monitoring in head and neck squamous cell carcinoma. The 4th Conference of the Romanian Society of Dermato-Immunology and 49th Conference of the Romania Society of Immunology; 30th Sept - 03 Oct 2020
28. Monica Neagu, Carolina Constantin, Mihaela Surcel, Ana Căruntu, Sabina Zurac. The role of immunity in non-melanoma skin carcinogenesis. The 4th Conference of the Romanian Society of Dermato-Immunology and 49th Conference of the Romania Society of Immunology; 30th Sept - 03 Oct 2020
29. Monica Neagu, Carolina Constantin, Mihaela Surcel, Ana Caruntu, Sabina Zurac. Immunology aspects in squamous cell carcinoma. 9th edition of the Conference Iasi Dermatological Spring; 13-18 July 2020.
30. Caruntu Constantin, Mihai Lupu, Boda Daniel, Caruntu Ana, Sabina Zurac, Carolina Constantin, Monica Neagu. Skin cancer and neuro-endocrine factors - a new twist to an old story. 9th edition of the Conference Iasi Dermatological Spring; 13-18 July 2020.
31. Constantin Căruntu, Mihai Lupu, Mihaela Adriana Ilie, Ana Caruntu, Sabina Zurac, Daniel Boda. Non-melanoma skin cancer – in vivo microstructural investigation. Days of Dermatology in Sibiu 05-07 Mar 2020.
32. Ana Caruntu, Liliana Moraru, Mihaela Surcel, Adriana Munteanu, Carolina Constantin, Cristiana Tanase, Constantin Caruntu, Monica Neagu. Peripheral immune cell populations in patients with head and neck squamous cell carcinoma. The 31st World Congress of the International College for Maxillo-Facial-Surgery (ICMFS), Tel Aviv, Israel; October 29 - November 1, 2019.
33. Constantin Caruntu, Daniel Boda, Ana Caruntu, Sabina Zurac, Carolina Constantin, Monica Neagu. Role of neuro-endocrine factors in skin cancer. Proceedings of the Abstracts of The 24th World Congress on Advances in Oncology, and 24th International Symposium on Molecular Medicine 10-12 October, 2019, Mystras, Sparta, Greece. International Journal of Molecular Medicine. ISSN 1107-3756; eISSN 1791-244X
34. Constantin Caruntu, Mihai Lupu, Mihaela Adriana Ilie, Ana Caruntu, Daniel Boda, Sabina Zurac, Carolina Constantin, Monica Neagu. In vivo virtual biopsy of skin cancer. Invited speaker at the 3rd Conference of the Romanian Society of Dermato-Immunology and 48th Conference of the Romania Society of Immunology; 18-21 Sept 2019, Bucharest.
35. Dragos Muraru, Iulia Muraru, Ioana Tuhar, Ionut Guzganu, Paul Ionescu, Liliana Moraru, Adrian Gabara, Ana Caruntu, Bogdan M. Marinescu. The reliability of the radial forearm free flap for intraoral reconstruction. Annual Conference of „Carol Davila” Central University Military Emergency Hospital, 9-11 Oct 2019, Bucharest.
36. Dragos Muraru, Ioana Tuhar, I. Guzganu, P. Ionescu, Liliana Moraru, A. Gabără, Ana Căruntu, B. M. Marinescu. he Reliability of the Radial Forearm Free Flap for Intraoral Reconstruction. The XVI Congress of Romanian Plastic Surgeons Association, 18-20 April 2019, Bucharest, Romania.
37. Ana Caruntu, Liliana Moraru, Sabina Zurac, Cristiana Tanase, Daniel Boda, Constantin Caruntu. In Vivo Imaging Techniques For Preoperative Investigation Of Squamous Cell Carcinoma Of The Lower Lip. 24th Congress of the European Association for Cranio Cranio Maxillo Facial Surgery, September 18-21, 2018, Munich, Germany
38. C. Caruntu, M. Lupu, Ana Caruntu, V. Voiculescu, D. Boda. Real time investigation of actinic cheilitis using confocal laser scanning microscopy. 16-th National Congress of Dermatology with international participation, Brasov 4-7 October 2017. Published in Dermatovenerologie ISSN 1220-3734, Vol 62, Supliment, 2017. P41, pag 22
39. Diana Alina Ciubotaru, Ana Caruntu, Daniel Boda, Constantin Caruntu. Assessment of lower lip squamous cell carcinoma with in vivo Reflectance Confocal Microscopy. The 11th Annual Congress of the Romanian Medical Association, 20-22 Apr 2017, Bucharest.
40. Constantin Caruntu, Mihaela Adriana Ghita, Alexandra Batani, Ana Caruntu, Daniel Boda. Skin neurovascular inflammatory response in diabetic neuropathy. The XII-th National Congress of the Romanian Society of Physiology, with international participation, 26-28 May 2016, Craiova
41. A. Caruntu, C.C. Dumitru, A.F. Gabara, C. Caruntu, O.C. Andrei, L. Moraru - In Vivo Reflectance Confocal Microscopy For Non-Invasive Evaluation Of Actinic Cheilitis, EACMFS Congress, 11-16th Sept 2016, London
42. A. Caruntu, C.C. Dumitru, A.F. Gabara, L. Moraru. The role of surgery in the treatment of bisphosphonate related osteonecrosis of the jaw (BRONJ). The 6th Annual Conference of „Carol Davila” Central University Military Emergency Hospital”, 28 Sept-1 Oct 2016, Bucuresti
43. Caruntu Ana, Dumitru Catalin-Constantin, Gabara Adrian-Florin, Caruntu Constantin, Moraru Liliana. New aspects in the surgical treatment of head and neck malignant tumors. The XIth National Conference of General Medicine, 24 - 27 Mar 2016, Bucharest.

44. Caruntu C, Ghita MA, Kaleshi H, Caruntu A, Zurac S, Boda D. In vivo skin imaging of superficial basal cell carcinoma. 24th Congress of the European Academy of Dermatology and Venereology, 7-11 October 2015, Copenhagen, Denmark P0539 Cutaneous Oncology
45. Constantin Caruntu, Daniel Boda, Ana Caruntu, Carolina Constantin, Anca Ioana Badarau, Monica Neagu. The role of stress in melanoma development and progression. The XXVIIIth National Conference of the Romanian Society of Physiology, 28-30 May 2015, Constanta-Mamaia, Abstract published in Physiology; Supplement 2015, page 16; ISSN: 1223-2076
46. Constantin Caruntu, Daniel Boda, Mihaela Adriana Ghita, Ana Caruntu, Adrian Eugen Rosca, Carolina Constantin, Monica Neagu. The role of reflectance confocal microscopy in investigation of skin inflammatory processes. The XXVIIIth National Conference of the Romanian Society of Physiology, 28-30 May 2015, Constanta-Mamaia, Abstract published in Physiology; Supplement 2015, page 16; ISSN: 1223-2076
47. C. Caruntu, D. Boda, Mihaela Adriana Ghita, Ana Caruntu, A.E. Rosca, Carolina Constantin, Monica Neagu. Modern imaging techniques in the preoperative diagnosis of basal cell carcinoma. The XIIIth National Congress of Dermatology, Timisoara, 5-8 Nov 2014. Abstract published in DermatoVenerol. (Buc.), 59, Supliment, pag. 98
48. C. Caruntu, D. Boda, Ana Caruntu, Carolina Constantin, Monica Neagu, Anca Ioana Badarau. Effects of stress on melanoma. Al XIII-lea The XIIIth National Congress of Dermatology, Timisoara, 5-8 Nov 2014. Abstract published in DermatoVenerol. (Buc.), 59, Supliment, pag. 98
49. Caruntu C, Ghita MA, Zurac S, Caruntu A, Boda D. Dermoscopic, in vivo confocal microscopic and histopathologic correlations in lichen planus. 23rd Congress of the European Academy of Dermatology and Venereology "Building Bridges", 8-12 October 2014, Amsterdam
50. Daniel Boda, Constantin Caruntu, Carolina Constantin, Ana Caruntu, Monica Neagu. Effects of stress hormones on B16 melanoma cells in vitro proliferations. The Vth Conference of the Romanian Society of Dermato-oncology (SRDO) and the XVIIth Conference of Transilvanian Association of Dermatologists (ADT), Cluj-Napoca, 19-21 June 2014
51. Tanasescu LA, Mihaescu CS, Caruntu A, Serban MO, Andrei OC. Association between first dentures and sialolithiasis; poster la the 19th Congress of the Balkan Stomatological Society - BaSS April 24 - 27, 2014 - Belgrade - Serbia
52. Caruntu A, Caruntu C, Gutu D, Boda D. Reflectance confocal microscopy for in vivo micromorphological evaluation of head and neck basal cell carcinoma; 21st International Conference on Oral and Maxillofacial Surgery, Oct. 21-24, 2013, Barcelona, Spain
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14 May 2024

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