

## GENERAL INFORMATION



## NOVAC Andreea-Codruta

 Adress

 Phone

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**Nationality:** Romanian nationality

**Gender:** Feminin

## PROFESSIONAL EXPERIENCE

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- 2019 - Present **Asistent Profesor**  
Victor Babeş University of Medicine and Pharmacy of Timișoara – Faculty of Dentistry, Discipline of Prosthesis Technology and Dental Materials
- 2018-2019 **Associate Asistent Profesor**  
Victor Babeş University of Medicine and Pharmacy of Timișoara – Faculty of Dentistry, Discipline of Prosthesis Technology and Dental Materials
- July 2018-Present **Dentist**
- 2017-2018 Member of the Ethics Committee of Victor Babeş University of Medicine and Pharmacy of Timișoara
- August 2016 Visiting Researcher at The School of Physical Science – University of Kent, Canterbury, UK
- 2016-2018 Volunteer in the VADA program at Victor Babeş University of Medicine and Pharmacy of Timișoara
- 2014-2018 Volunteer student in the Discipline of Prosthesis Technology and Dental Materials (Victor Babeş University of Medicine and Pharmacy of Timișoara – Faculty of Dentistry)

## EDUCATION AND TRAINING

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- 01.02.2020 **Resident Dentist - PROSTHODONTICS**  
Municipal Emergency Clinical Hospital of Timișoara
- 01.10.2018-Present **PhD student in Dentistry**  
Victor Babeş University of Medicine and Pharmacy of Timișoara
- 2012-2018 **Dentistry student**  
Victor Babeş University of Medicine and Pharmacy of Timișoara – Faculty of Dentistry
- 2008-2012 High school graduation diploma, theoretical profile - Mathematics-Informatics (intensive)  
Coriolan Brediceanu National College of Lugoj

PERSONAL COMPETENCE

Native language

Romanian language

Other known foreign languages

ENGLISH

SPANISH

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Participation in the conversation	Oral speech	Listening
B2	B2	B2	B2	B2
Certificate of Language Competence				
B2	B2	B2	B2	A2

Communication skills

- good communication skills acquired through the experience gained in the volunteer programs
- good speaker due to the experience gained through oral and poster presentations at national and international scientific events

Organizational / managerial skills

- mentorship (in the Volunteering VADA program – by training of the pre-clinical students in the years I-III)
- leadership (responsible for the research activity of the students at the Faculty of Dentistry - Discipline of Prosthesis Technology and Dental Materials)

Digital competence

AUTOEVALUATION				
Information processing	Communication	Content creation	Security	Problem solving
Experienced	Experienced	Experienced	Experienced	Experienced
Levels: Elementary user - Independent user - Experienced user				
<a href="#">Digital skills - Self-assessment grid</a>				
Certificate of Digital Competence				

- Experienced Office user.

Other skills

- Good practitioner, through the experience gained during the years of training within the Faculty of Dentistry and the periods of practice in the private office.
- Skills in the treatment of Minor Patients, through the experience gained during the training semesters at the Departments of Pedodontics and Orthodontics within the Faculty of Dentistry and the periods of practice in private office.

### **Papers published in extenso ISI - co-author:**

1. **Cojocariu Andreea-Codruța**, Neagu Carina Sonia, Șerban Christa, Modiga Cristina, Țogoe Marius Mihai, Jivănescu Anca, Meda-Lavinia Negruțiu, Virgil-Florin Duma, Adrian Gh. Podoleanu, Sinescu Cosmin. **ANALYSIS OF MODERN DIGITAL IMPRESSION TECHNOLOGIES – REVIEW**. Romanian Journal of Oral Rehabilitation. Vol. 11, No. 1, January - March 2019. ISSN 2066-7000 ISSN-L 2601-4661.
2. Marius Mihai Țogoe, **Cojocariu Andreea-Codruta**, Cristina Modiga, Cosmin Sinescu, Virgil Flori Duma, Meda Lavinia Negrutiu. **MODERN APPROACHES OF ANALYSIS AND TREATMENT OF ENDODONTIC LESIONS USING THE ENDOSCOPE AND THE OPTICAL COHERENCE TOMOGRAPHY**. Romanian Journal of Oral Rehabilitation. Vol. 11, No. 1, January - March 2019. ISSN 2066-7000 ISSN-L 2601-4661.
3. Zaharia, C (Zaharia, Cristian); Sinescu, C (Sinescu, Cosmin); Gabor, AG (Gabor, Alin-Gabriel); **Cojocariu, AC (Cojocariu, Andreea Codruta)**; Socoliuc, V (Socoliuc, Vlad); Szuhaneck, C (Szuhaneck, Camelia); Negrutiu, ML (Negrutiu, Meda-Lavinia). **MicroCT Analisis of Dental Adhesives Loaded with Nanoparticles**. REVISTA DE CHIMIE Volume: 70 Issue: 5 Pages: 1769-1773 Published: MAY 2019. IF: 1.605/2019.
4. Alin Gabor, Cristian Zaharia , Vlad Todericiu, Camelia Szuhaneck, **Andreea Codruta Cojocariu** , Virgil Florin Duma, Carmen Sticlaru, Meda Lavinia Negrutiu , Iulian Vasile Antoniac , Cosmin Sinescu. Adhesion of Scaffolds with Implants to the Mandibular Bone with a Defect: A finite element analysis. October 2018. MATERIALE PLASTICE 55(3):394-397. IF:1.393.
5. Gabor, A (Gabor, Alin); Hosszu, T (Hosszu, Tiberiu); Zaharia, C (Zaharia, Cristian); Kozma, A (Kozma, Alexandru); **Cojocariu, AC (Cojocariu, Andreea Codruta)**; Negrutiu, ML (Negrutiu, Meda Lavinia); Szuhaneck, C (Szuhaneck, Camelia); Sinescu, C (Sinescu, Cosmin). **3D Printing of a Mandibular Bone Deffect**. MATERIALE PLASTICE ♦54♦No.1 ♦2017. IF:1.248/2017.
6. Pop, DM (Pop, Daniela Maria); Negrutiu, ML (Negrutiu, Meda Lavinia); **Cojocariu, AC (Cojocariu, Andreea Codruta)**; Craciunescu, EL(Craciunescu, Emanuela Lidia); Pirte, A (Pirte, Adriana); Sinescu, C (Sinescu, Cosmin). **Metal Polymer Interfaces-Assessment in Dentistry - REV. CHIM. (Bucharest) ♦ 66 ♦ No. 4 ♦ 2015**. IF: 0.956/2015.
7. Krems, C (Krems, Cristina); Sinescu, C (Sinescu, Cosmin); Freiman, PC (Freiman, Paul Cornel); **Cojocariu, AC (Cojocariu, Andreea-Codruta)**; Negrutiu, ML (Negrutiu, Meda Lavinia); Podariu, CA (Podariu, Codruta Angela). **Evaluation of Marginal Adaptation of Fixed Partial Prosthesis to Polymeric Abutments - MATERIALE PLASTICE ♦ 52 ♦ No. 1 ♦ 2015**. IF: 0.903/2015.
8. Krems, C (Krems, Cristina); Sinescu, C (Sinescu, Cosmin); Freiman, PC (Freiman, Paul Cornel); **Cojocariu, AC (Cojocariu, Andreea-Codruta)**; Negrutiu, ML (Negrutiu, Meda Lavinia); Podariu, CA (Podariu, Codruta Angela). **Influence of Different Coloured Solutions on Some Plastics used for Prosthetic Restoration Materials - MATERIALE PLASTICE ♦ 51♦ No. 3 ♦ 2014**. IF: 0.824/2014.
9. Sinescu, C (Sinescu, Cosmin); Timofte, C (Timofte, Costin), Stan, AT (Stan, Adrian-Tudor); **Cojocariu, AC (Cojocariu, Andreea-Codruta)**; Eremia, C (Eremia, Claudiu); Freiman, PC (Freiman, Paul Cornel); Miladinov, M (Miladinov, Milos); Negrutiu, ML (Negrutiu, Meda-Lavinia); Stratul, SI (Stratul, Stefan-Ioan). **Dimensional Changes Approach Alginate Impressions - REV. CHIM. (Bucharest) ♦ 65 ♦ No. 8 ♦ 2014**. IF: 0.810/2014.

### **ISI-listed published abstracts - co-author:**

1. Krems, C (Krems, Cristina); **Cojocariu, AC (Cojocariu, Andreea-Codruta)**; Sinescu, C (Sinescu, Cosmin); Stratul, SI (Stratul, Stefan-Ioan), Negrutiu, ML (Negrutiu, Meda Lavinia); Podariu, CA (Podariu, Codruta Angela), Podoleanu A. Gh. (Adrian Gheorghe Podoleanu). **Esthetic assessment on nanoparticles modified adhesive used for OCT investigation - DENTAL MATERIALS 30(1):e70-e71, December 2014**.

### Proceedings SPIE – co-author:

1. Meda-Lavinia Negrutiu D.D.S.; Cosmin Sinescu; Cristina Maria Bortun; Mihaela-Codrina Levai; Florin Ionel Topala; Emanuela Lidia Crăciunescu; **Andreea Codruta Cojocariu**; Virgil Florin Duma; Adrian Gh. Podoleanu. **Assessment of dental plaque by optoelectronic methods - Conference: Sixth International Conference on Lasers in Medicine**, Martie 2016.
2. Adrian-Tudor Stan; **Andreea-Codruta Cojocariu**; Anca Adriana Antal; Florin Topala; Cosmin Sinescu; Meda Lavinia Negrutiu; Virgil-Florin Duma; Adrian Gh. Podoleanu. **Marginal integrity evaluation of dental composite using optical coherence tomography - Sixth International Conference on Lasers in Medicine**, Martie 2016.
3. Ciprian Dughir; Ana Maria Popovschi; **Andreea Codruta Cojocariu**; Florin Ionel Topala; Meda Lavinia Negrutiu M.D.; Cosmin Sinescu M.D.; Aldo de Sabata; Virgil-Florin Duma. **Complete denture base assessments using holograms: dimensional alterations after different activation methods - Sixth International Conference on Lasers in Medicine**, Martie 2016.

### Papers presented as PRIM-AUTHOR at international scientific events

1. **Marginal integrity analysis of class II cavities filled with conventional methods vs an ultrasound system - INTERNATIONAL CONGRESS OF DENTAL MEDICINE FOR STUDENTS AND YOUNG DOCTORS - DENTIM 2017.**
2. **OCT for identification of dental plaque - INTERNATIONAL CONGRESS OF DENTAL MEDICINE FOR STUDENTS AND YOUNG DOCTORS - DENTIM 2016.**
3. **OCT for identification of dental plaque after professional cleaning – WFLD-ED 2015 – 5th Congress of the World Federation for LASER Dentistry – European Division – 6th International Conference of the Romanian Society for LASER in Dentistry.**
4. **A.C. Cojocariu\***, C.S. Neagu, S. Chebici, M. Romînu, M.L. Negruțiu, C. Sinescu. The impression guide – a new tool designed for better dental impressions. ROMAT 2020 - 8 th International Conference on Materials Science and Technologies Bucharest, Romania, November 26-27th, 2020

### Papers presented as CO-AUTHOR at international scientific events

1. **Dental adhesives reinforced with magnetic nanoparticles.** Carina Neagu\*, Andreea Balica, Bianca Roman, **Andreea Cojocariu**, Cristian Zaharia, Mihai Romînu, Meda-Lavinia Negruțiu and Cosmin Sinescu. ROMAT 2020 - 8 th International Conference on Materials Science and Technologies Bucharest, Romania, November 26-27th, 2020
2. **Immediate dentin sealing.** Sergiu Chebici\*, **Andreea Codruța Cojocariu**, Cosmin Sinescu, Mihai Romînu and Meda-Lavinia Negruțiu. ROMAT 2020 - 8 th International Conference on Materials Science and Technologies Bucharest, Romania, November 26-27th, 2020
3. M.L. Negrutiu, C. Sinescu, E. Craciunescu, **A.C. Cojocariu**, A.T. Stan, C.S. Neagu. **Modular versus classic teaching models in the Faculty of Dentistry.** ADEE – ASSOCIATION FOR DENTAL EDUCATION IN EUROPE. 2018.
4. **All-ceramic onlays fabricated using CAD-CAM systems vs metal-ceramic onlays obtained using classical methods – INTERNATIONAL CONGRESS OF DENTAL MEDICINE FOR STUDENTS AND YOUNG DOCTORS - DENTIM 2017.**
5. **Methods for dental caries detection - INTERNATIONAL CONGRESS OF DENTAL MEDICINE FOR STUDENTS AND YOUNG DOCTORS - DENTIM 2017.**

6. **Why veneers?** – INTERNATIONAL CONGRESS OF DENTAL MEDICINE FOR STUDENTS AND YOUNG DOCTORS - DENTIM 2017.
7. **Comparison between Optical Coherence Tomography and Micro-Computed Tomography employed for veneer interface evaluation** – INTERNATIONAL CONGRESS OF DENTAL MEDICINE FOR STUDENTS AND YOUNG DOCTORS - DENTIM 2017.
8. **A new concept regarding the restoration of the incisal angle on class IV cavities** - INTERNATIONAL CONGRESS OF DENTAL MEDICINE FOR STUDENTS AND YOUNG DOCTORS - DENTIM 2016.
9. **LASER effectiveness in the non-surgical periodontal therapy** - INTERNATIONAL CONGRESS OF DENTAL MEDICINE FOR STUDENTS AND YOUNG DOCTORS - DENTIM 2016.
10. **Variations in the current dental formula** - INTERNATIONAL CONGRESS OF DENTAL MEDICINE FOR STUDENTS AND YOUNG DOCTORS - DENTIM 2016.
11. **A non-invasive Optical Coherence Tomography analysis of class IV microleakage** - International Seminar on Biomaterials & Regenerative Medicine – BIOREMED 2015
12. **A new device used for masticatory forces** - International Seminar on Biomaterials & Regenerative Medicine – BIOREMED 2015.
13. **OCT Analysis of the Tooth-Composite Interface in Class II Direct Composite Restorations using Anatomical Matrix Systems** - International Seminar on Biomaterials & Regenerative Medicine – BIOREMED 2015.
14. **The oral reactions produced by polymethylmethacrylate** - International Seminar on Biomaterials & Regenerative Medicine – BIOREMED 2015.
15. **Marginal Integrity evaluation of dental composite using optical coherence tomography** - - International Seminar on Biomaterials & Regenerative Medicine – BIOREMED 2015.
16. **Marginal integrity evaluation of dental composite using Optical Coherence Tomography** – WFLD-ED 2015 – 5th Congress of the World Federation for LASER Dentistry – European Division – 6th International Conference of the Romanian Society for LASER in Dentistry.
17. **ESTHETIC ASSESSMENT ON NANOPARTICLES MODIFIED ADHESIVE USED FOR OCT INVESTIGATION.** C. Krems, A.C. Cojocariu, C. Sinescu, S. I. Stratul, M.L. Negrutiu. C.A. Podariu, A.Gh. Podoleanu. Academy of Dental Materials Conference. Bologna, Italy, October 8, 2014.

#### Awards obtained at international scientific events:

1. **Gold Medal at INTERNATIONAL EXHIBITION INVENTCOR DEVA 2020, ROMANIA, 17-19.12.2020**
2. **Certificate of Gratitude for lecturing at the 11th edition of the International Congress of Dental Medicine for Students and Young Doctors – DenTim 2017, 30th of March-1st of April 2017**
3. **3rd Prize for Best Poster Award for INTRODUCING MENTORSHIP PROGRAMS AND INDIVIDUAL ASSESSMENT SYSTEM FOR STUDENTS OF VICTOR BABES UNIVERSITY - TIMMED 2016, 3-5 November, Timisoara, Romania.**
4. **Certificate of Recognition - FDI Annual World Dental Congress, 7-10 September 2016, Poznan, Poland**
5. **Appreciation Award at the International Seminar on Biomaterials & Regenerative Medicine, 17-20th September, 2015. Felix Bath, Romania**
6. **Certificate of Appreciation in recognition of an invaluable contribution at the 19th edition of the International Congress of Medical Days in Banat, 3rd Millennium Medicine, 22-24 of May 2014, Timisoara, Romania**

#### Awards obtained at national scientific events:

1. **Certificate of Appreciation for the contribution to the Scientific Program of the Annual Session of The Days of Victor Babes University of Medicine and Pharmacy Timisoara, 11-12 December, 2014**



### Participation in International Scientific Events:

1. **A.C. Cojocariu**, C.S. Neagu, S. Chebici, M. Romînu, M.L. Negruțiu, C. Sinescu. The use of the impression guide in the classical impression techniques. **1st Workshop on Structural Integrity of Additively Manufactured Materials**, Polytechnic University of Timisoara (UPT), Timisoara, Romania, 25-26 February 2021
2. **Andreea Codruța Cojocariu**, Cosmin Sinescu, Kabai Laszlo, Meda Lavinia Negruțiu, Mihai Romînu, Marius Leretter, Anca Jivănescu, Emanuela Lidia Crăciunescu, Carina Sonia Neagu. A DENTAL IMPRESSION GUIDE AND THE METHOD OF USE. **INVENTCOR** - 17-19.12.2020
3. **RoMAT 2020 - 26-27.11.2020**
4. **The International Congress – BIOREMED 2017 – Timisoara, Romania, 5-7 October 2017**
5. **The FDI Annual World Dental Congress – Poznan, Poland, 7-10 September 2016**
6. **Congresul International de Medicina Dentara pentru Studenti si Tineri Medici, DenTim 2016, 7-9 aprilie 2016**
7. **International Seminar on Biomaterials & Regenerative Medicine BIOREMED 2015 – Felix Bath, Romania, 17-20 September 2015**
8. **37th Asia Pacific Dental Congress – Suntec Singapore, 3-5 April 2015**
9. **The International Congress of Dental Medicine for Students and Young Doctors, DenTim 2014, 3-5 April, 2014**

### Participation in National Scientific Events:

1. **Zilele UMF Victor Babes Timisoara – 11-12 Decembrie 2014**

### International Courses / Workshops:

1. **Certificate of Registration as a LASER Worker in the University Laboratories – School of Physical Sciences – University of Kent, Canterbury, UK, August, 2016.**
2. **TIMMED 2016 – The international Workshop on Techniques for the assessment of student scientific projects in the context of their integration in applied research – 4th november 2016**
3. **II-nd International Congress of the Romanian Society of Dental Sciences – VI-th Symposium Implants connected to nature - Sibiu, Romania, November 6-8, 2014.**
4. **Maraton de Estetica Dentara Moderna – Al 6 lea seminar international de Estetica Dentara Contemporana pentru Medici Dentisti si Tehnicienii Dentari – Cluj-Napoca, Romania, 31th of October-1st of November 2014.**

### National courses / workshops:

1. **Morfologia si bioarhitectura restaurarilor posterioare si anterioare: de la ceara la compozit – Modul 1: Posteriori – Bucuresti, 22-23 aprilie 2016**

**Patents:**

- **Andreea Codruța Cojocariu**, **Cosmin Sinescu**, Kabai Laszlo, Meda Lavinia Negruțiu, Mihai Romînu, Marius Leretter, Anca Jivănescu, Emanuela Lidia Crăciunescu, Carina Sonia Neagu – GHID DE AMPRENTARE SI METODA DE UTILIZARE - Cerere de brevet de invenție nr. **A / 00523**, **Publicare 30.12.2020**.
- C. Krems, C. Sinescu, A.C. Podariu, M.L. Negrutiu, M. C. Levai, S.D. Porojan, **A.C. Cojocariu**, C. Marcu. **Aparat portabil pentru modelarea cu ceară dentară** - Cerere de brevet de invenție nr. **a 2017 00660**. **Publicare: 28.02.2018**.