

INFORMAȚII PERSONALE

Savencu Cristina Elena

EXPERIENȚA PROFESIONALĂ

- 03/03/2014–Prezent Asistent Universitar Disciplina de Tehnologie a Protezelor Dentare
UMF „Victor Babes”, Timisoara (România)
- 01/08/2017–Prezent Fiziident Technik SRL, Timișoara (Romania)
Medic Dentist,
Medic Primar Chirurgie Dento-Alveolară
- 01/11/2010–01/08/2017 Medic Stomatolog, specialist chirurgie dento-alveolara
DocaDent, Timisoara (România)
Asistenta medicala stomatologica: tratamente odontale, parodontale, protetice, chirurgie orala,
implantologie.
- 01/01/2009–31/12/2011 Medic Rezident chirurgie dento-alveolara
Spitalul Clinic Municipal de Urgenta Timisoara, Timisoara (România)
- 01/04/2010–30/09/2013 Reprezentant Medical
Megagen Dental Implant SRL, Bucuresti (România)

EDUCAȚIE ȘI FORMARE

- 01/06/2017–Prezent Medic Primar în specialitatea Chirurgie Dento-Alveolară
- 01/10/2013–Prezent Student doctorand UMF „Victor Babes” Timisoara
UMF „Victor Babes” Timisoara
- 01/01/2009–31/01/2011 Medic Specialist Chirurgie dento-alveolara
Universitatea de Medicina si Farmacie "Victor Babes", Timisoara (România)
- 01/10/2002–15/09/2003 Medic Stomatolog
Universitatea de Medicina si Farmacie "Carol Davila", Bucuresti (România)

COMPETENȚE PERSONALE

Limba(i) maternă(e) română

Limbile străine

	ÎNȚELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
engleză	B2	B2	B2	B2	B2
franceză	B1	B1	B1	B1	B1

Niveluri: A1 și A2: Utilizator elementar - B1 și B2: Utilizator independent - C1 și C2: Utilizator experimentat
Cadrul european comun de referință pentru limbi străine

Competențe de comunicare

Abilitati de comunicare si relationare. Atitudine pozitiva. Proactivitate in relatia cu pacientii. Capacitate si dorinta de invatare si perfectionare.

Competențe organizaționale/manageriale

Responsabilitate, initiativa, abilitati de influentare.

Competențe dobândite la locul de muncă

Lucrul in echipa, abilitati de comunicare si relationare.

Competențele digitale

Abilitati de utilizare a calculatorului : Microsoft Office (Word, Excel, Power Point)
 Abilitati de utilizare a diverselor echipamente

INFORMAȚII SUPLIMENTARE

Publicații
 Prezentări Proiecte
 Conferințe
 Seminarii
 Distincții
 Afiliere
 Referințe

Articole ISI

1. **Savencu Cristina Elena**; Porojan Sorin; Porojan Liliana, Analysis of Internal and Marginal fit of Metal-ceramic Crowns During Processing, Using Conventional and Digitized Technologies, REVISTA DE CHIMIE Volume: 69 Issue: 7 Pages: 1699-1701 Published: JUL 2018 IF 1,41
2. **Savencu Cristina E.**; Costea Liviu V.; Dan Mircea L.; et al., Corrosion Behaviour of Co-Cr Dental Alloys Processed by Alternative CAD/CAM Technologies in Artificial Saliva Solutions, INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE Volume: 13 Issue: 4 Pages: 3588-3600 Published: APR 2018 IF 1,369
3. Porojan Liliana; Birdeanu, Mihaela; **Savencu, Cristina**; et al., Surface Characteristics and Corrosion Properties of Co-Cr Dental Alloys Processed by Laser-based Methods, REVISTA DE CHIMIE Volume: 68 Issue: 11 Pages: 2538-2541 Published: NOV 2017 IF 1,41
4. Porojan Liliana; Topala Florin; Porojan Sorin; **Savencu Cristina**, Effect of frame design and veneering material on biomechanical behavior of zirconia dental crowns veneered with overpressing ceramics, DENTAL MATERIALS JOURNAL Volume: 36 Issue: 3 Pages: 275-281 Published: JUN 2017, IF 1,205
5. Porojan Liliana; **Savencu Cristina**; Porojan Sorin, Applications of Heat-pressed Ceramics for Single Tooth Restorations, REVISTA DE CHIMIE Volume: 67 Issue: 1 Pages: 123-126 Published: JAN 2016 IF 1,41
6. Porojan, Liliana; Porojan, Sorin; Bortun, Cristina; et al., Defects in Dental Alloys Cast Single Tooth Restorations, REVISTA DE CHIMIE Volume: 66 Issue: 2 Pages: 210-212 Published: FEB 2015 IF 1,41

ISI proceedings

1. Porojan Liliana; **Savencu Cristina**; Bolos Adrain; et al., Mechanical approach of metal-ceramic crowns obtained with laser-based additive manufacturing methods Conference: 7th Romanian-Society-for-Laser-in-Dentistry (SRLS) International Conference on Lasers in Medicine / 1st Congress of Laser in Dentistry Location: Timisoara, ROMANIA Date: JUL 13-15, 2017, Sponsor(s): Romanian Soc Lasers Dent; Univ Med & Pharmacy Victor Babes Timisoara, SEVENTH INTERNATIONAL CONFERENCE ON LASERS IN MEDICINE Book Series: Proceedings of SPIE Volume: 10831 Article Number: UNSP 1083107 Published: 2018

2. **Savencu Cristina E.**; Birdeanu Mihaela; Porojan Sorin D.; et al., Corrosion behavior of dental alloys-processed by laser-based additive manufacturing procedures, Conference: 7th Romanian-Society-for-Laser-in-Dentistry (SRLS) International Conference on Lasers in Medicine / 1st Congress of Laser in Dentistry Location: Timisoara, ROMANIA Date: JUL 13-15, 2017, Sponsor(s): Romanian Soc Lasers Dent; Univ Med & Pharmacy Victor Babes Timisoara, SEVENTH INTERNATIONAL CONFERENCE ON LASERS IN MEDICINE Book Series: Proceedings of SPIE Volume: 10831 Article Number: UNSP 1083108 Published: 2018

3. Porojan Liliana; **Savencu Cristina E.**; Topala Florin I.; et al., Surface texture and hardness of dental alloys processed by alternative technologies, Conference: 6th International Conference on Manufacturing Engineering and Process (ICMEP) Location: Lisbon, PORTUGAL Date: MAY 27-29, 2017, 6TH INTERNATIONAL CONFERENCE ON MANUFACTURING ENGINEERING AND PROCESS (ICMEP 2017) Book Series: Journal of Physics Conference Series Volume: 885 Article Number: UNSP 012004 Published: 2017

4. Porojan, Sorin; Birdeanu, Mihaela; **Savencu, Cristina**; et al., Structural and morphological approach of Co-Cr dental alloys processed by alternative manufacturing technologies, Conference: 6th International Conference on Manufacturing Engineering and Process (ICMEP) Location: Lisbon, PORTUGAL Date: MAY 27-29, 2017, 6TH INTERNATIONAL CONFERENCE ON MANUFACTURING ENGINEERING AND PROCESS (ICMEP 2017) Book Series: Journal of Physics Conference Series Volume: 885 Article Number: UNSP 012005 Published: 2017

5. Porojan, Liliana; Porojan, Sorin; Rusu, Lucian; et al., Experimental Analyses for The Mechanical Behavior of Pressed All-Ceramic Molar Crowns with Anatomical Design, Conference: International Conference on Mechanical, Aeronautical and Automotive Engineering (ICMAA) Location: Malacca, MALAYSIA Date: FEB 25-27, 2017, 2017 INTERNATIONAL CONFERENCE ON MECHANICAL, AERONAUTICAL AND AUTOMOTIVE ENGINEERING (ICMAA 2017) Book Series: MATEC Web of Conferences Volume: 108 Article Number: UNSP 02001 Published: 2017

Articole în baze de date internaționale

1. **Savencu Cristina Elena**, Porojan Liliana, Birdeanu Mihaela, Boloș Adrian, Porojan Sorin, Antoniac Aurora, Gradinaru Sebastian, Surface Characteristics of Base Metal Dental Alloys Processed by Alternative Procedures, Defect and Diffusion Forum, Vol. 376, pp 1-11, Scopus, Inspec

2. **Cristina Savencu**, Mihaela Birdeanu, Sorin Porojan, Liliana Porojan, Corrosion behavior of dental alloys-processed by laser-based additive manufacturing procedures, Proc. SPIE LMD100, Inspec

3. Porojan Liliana, Porojan Sorin, Rusu Lucian, Boloș Adrian, **Savencu Cristina**, Antoniac Aurora, Gradinaru Sebastian, Experimental Evaluation of Fracture Pattern in Bilayered All-Ceramic Molar Crowns, Defect and Diffusion Forum, Vol. 376, pp 101-110, Scopus, Inspec

4. Porojan Liliana, **Savencu Cristina**, Boloș Adrian, Rusu Lucian, Porojan Sorin, Mechanical approach of metal-ceramic crowns obtained with laser-based additive manufacturing methods, Proc. SPIE LMD100, Inspec

5. Porojan Liliana, Topală Florin, **Savencu Cristina**, Influence of the veneering thickness on stresses in all-ceramic crowns. Applied Mechanics and Materials, 2016, Vol. 835, p. 91-96. ISSN 1662-7482. Indexed EBSCO <https://www.ebscohost.com/titleLists/egs-coverage.pdf>, indexed Scimago <http://www.scimagojr.com/>

6. Sorin Porojan, Liliana Porojan, **Cristina Savencu**, Improved core design for CAD/CAM all ceramic crowns. International Journal of Chemical and Environmental Engineering, 2015, Volume 6, No.6, pg. 381-385. ISSN 2078-0737. Indexed CAS <http://cassi.cas.org/>

7. Liliana Porojan, Sorin Porojan, Anghel Cernescu, **Cristina Savencu**, Fracture behaviour of hot-pressed glass ceramic dental crowns, International Journal of Systems Applications, Engineering & Development, ISSN: 2074-1308, Volume 10, 2016, pg. 266-269. Indexed Inspec, www.theiet.org/resources/inspec/support/docs/loj.cfm?type=pdf

8. Sorin Porojan, Liliana Porojan, **Cristina Savencu**, Modern processing technologies of all-ceramic dental crowns with various zirconia frameworks, International Journal of Materials, ISSN: 2313-0555, Volume 3, 2016, pg. 60-63 Indexed worldcat <http://www.worldcat.org/title/international-journal-of-materials/oclc/882935473>

9. Liliana Porojan, Florin Topala, Sorin Porojan, **Cristina Savencu**, Effect of frame design and veneering material on biomechanical behaviour of zirconia dental crowns veneered with overpressing ceramics, accepted in Dental Materials Journal, ONLINE ISSN: 1881-1361, PRINT ISSN: 0287-4547 ISI indexed IF=1.087 http://apps.webofknowledge.com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=2&SID=N2slk4Q5X8MX4ym5GMH&page=1&doc=1

10. Liliana Porojan, Florin Topală, Sorin Porojan, **Cristina Savencu**, Effect of alternative framework designs on stresses in zirconia-ceramic dental crowns, INTERNATIONAL JOURNAL OF BIOLOGY

AND BIOMEDICAL ENGINEERING Volume 10, 2016, pg. 102-108, ISSN: 1998-4510. Indexed SCOPUS Indexed Scimago <http://www.scimagojr.com/journalsearch.php?q=1998-4510>

11. Liliana Porojan, Sorin Porojan, Mihaela Birdeanu, **Cristina Savencu**, Anghel Cemescu, Florin Topală, Experimental analysis of areas susceptible to fracture in hot-pressed ceramic crowns, INTERNATIONAL JOURNAL OF BIOLOGY AND BIOMEDICAL ENGINEERING Volume 10, 2016, pg. 259-263, ISSN: 1998-4510. Indexed SCOPUS Indexed Scimago <http://www.scimagojr.com/journalsearch.php?q=1998-4510>

12. Liliana Porojan, Sorin Porojan, Lucian Rusu, Adrian Boloş and **Cristina Savencu**, Experimental Analyses for The Mechanical Behavior of Pressed All Ceramic Molar Crowns with Anatomical Design, MATEC Web of Conferences 108, 02001 (2017), ISSN: 2261-236X DOI: 10.1051/mateconf/201710802001 WOS:000407748100011, ICMAA 2017. ISI Proceedings. http://apps.webofknowledge.com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=2&SID=N2slk4Q5X8MX4ym5GMH&page=1&doc=2

13. Liliana Porojan, **Cristina E. Savencu**, Florin I. Topală, Sorin D. Porojan, Surface texture and hardness of dental alloys processed by alternative technologies, ICMEP Conference, 27-29 May 2017, Lisbon. The 6th International Conference on Manufacturing Engineering and Process IOP Publishing, IOP Conf. Series: Journal of Physics: Conf. Series 885 (2017) 012004 doi :10.1088/1742-6596/885/1/012004 Inspec, http://conferenceseries.iop.org/content/quick_links/Abstracted%20Inspec <http://www.theiet.org/resources/inspec/support/docs/loj.cfm?type=pdf>

14. Sorin Porojan, Mihaela Birdeanu, **Cristina Savencu**, Liliana Porojan, Structural and morphological approach of Co-Cr dental alloys processed by alternative manufacturing technologies, ICMEP Conference, 27-29 May 2017, Lisbon. The 6th International Conference on Manufacturing Engineering and Process IOP Publishing, IOP Conf. Series: Journal of Physics: Conf. Series 885 (2017) 012005 doi :10.1088/1742-6596/885/1/012005 Inspec, http://conferenceseries.iop.org/content/quick_links/Abstracted%20Inspec <http://www.theiet.org/resources/inspec/support/docs/loj.cfm?type=pdf>

Rezumat

1. Liliana Porojan, Lucian Rusu, Adrian Boloş, **Cristina Savencu**, Sorin Porojan, Assessment of the fracture behaviour of bilayered zirconia-ceramic and metal-ceramic crowns, Biomaterials and regenerative medicine, Biomed 2017 Today' research for tomorrow medicine 5-7 october 2017, Timisoara, abstract book vol. 1
2. Liliana Porojan, Lucian Rusu, Sorin Porojan, Adrian Boloş, **Cristina Savencu**, Experimental evaluation of fracture pattern in monolithic hot-pressed ceramic crowns poster presentation, abstract volume Ed Printech ISSN 2069-0193 pg. 91
3. Sorin Porojan, Liliana Porojan, Mihaela Birdeanu, Adrian Boloş, Cristina Savencu, Assesment of base metal dental alloys processed by alternative procedures poster presentation, abstract volume Ed Printech ISSN 2069-0193 pg. 91-92
4. Liliana Porojan, Sorin Porojan, Cristina Savencu, Digital improved design for zirconia-ceramic lateral crowns, abstract oral presentation, International Dental Journal Supplement pg. 124, Special Issue: Abstracts of the 104th, FDI Annual World Dental Congress, September 2016, Volume 66, Issue Supplement S1 DOI: 10.1111/ij.dj.12268
5. Liliana Porojan, Sorin Porojan, Lucian Rusu, Adrian Boloş, and Cristina Savencu, Experimental Analyses for The Mechanical Behavior of Pressed All-Ceramic Molar Crowns with Anatomical Design, 5th International Conference on Material Science and Engineering Technology ICMSET 2016, pg. 113-114 Conference Abstract
6. Sorin Porojan, Liliana Porojan, A digital approach for anterior all-ceramic bilayered crowns design, 3rd International Conference on Mechatronics, Automation and Manufacturing ICMAM 2016, pg. 84-85 Conference Abstract
7. Porojan Liliana, Savencu Cristina, Boloş Adrian, Rusu Lucian, Porojan Sorin, Metal-ceramic crowns failures related to the framework manufacturing procedure, FDI Congress 2017, 29 August – 2 September 2017, Madrid. Free Communication, Abstract International Dental Journal 2017; 67 (Suppl. 1): 83, DOI: 10.1111/ij.dj.12339 ISSN 0020-6539
8. Porojan Sorin, Boloş Adrian, Rusu Lucian, Savencu Cristina, Porojan Liliana, Effect of substrate on experimental failures of zirconia-based bilayered crowns, FDI Congress 2017, 29 August – 2 September 2017, Madrid. Free Communication, Abstract International Dental Journal 2017; 67 (Suppl. 1): 83, DOI: 10.1111/ij.dj.12339 ISSN 0020-6539



Prezentări orale

1. **Cristina Savencu**, Liliana Porojan, Florin Topală, Comparative evaluation of marginal and internal fit of anatomic and nonanatomic metal frameworks fabricated by selective laser sintering, 7th International Conference on Bioscience and Bioinformatics (ICBB '16), 13-15 February 2016, Barcelona, Spain.
2. **Cristina Savencu**, Liliana Porojan, Adrian Bolos, Lucian Rusu, Cristina Bortun. (2016) Fracture Resistance of Different Integral Ceramic Restorations. 12th International Conference on Cellular and Molecular Biology, Biophysics and Bioengineering (BIO '16) Mallorca, Spain, in August 19-21, 2016
3. **Cristina Savencu**, Costela Șerban, Liliana Porojan, Evaluarea adaptării interme și marginale a coroanelor metalo-ceramice obținute prin tehnologia clasică și tehnologii alternative, Congresul de medicină dentară cu participare internațională a XXIII-a ediție a zilelor Stomatologice Bănățene, 10-12 mai 2018
4. Liliana Porojan, Sorin Porojan, **Cristina Savencu**. Alternative framework designs for zirconia-ceramic crowns. 6th European Conference of Computer Science, 7-9 November 2015, Rome, Italy.
5. Sorin Porojan, Liliana Porojan, **Cristina Savencu**. Improved core design for CAD/CAM all ceramic crowns. 4th International Conference on Chemical and Biological Processes, 22-24 November 2015, Dubai, UAE.
6. Liliana Porojan, Sorin Porojan, Anghel Cemescu, **Cristina Savencu**, Fracture behaviour of hot-pressed glass ceramic dental crowns, The 2016 International Conference on Biology and Biomedicine BIO 2016 Riga, Latvia, May 28-30, 2016
7. Sorin Porojan, Liliana Porojan, **Cristina Savencu**, Modern processing technologies of all-ceramic dental crowns with various zirconia frameworks, The 2016 International Conference on Biology and Biomedicine BIO 2016 Riga, Latvia, May 28-30, 2016
8. Sorin Porojan, Liliana Porojan, Mihaela Birdeanu, **Cristina Savencu**, Anghel Cemescu. (2016) Evaluation of Areas Susceptible to Failure in Hot-Pressed Ceramic Crowns. 5th International Conference on Health Science and Biomedical Systems (HSBS '16) Ischia, Italy, June 17-19, 2016.
9. Liliana Porojan, Sorin Porojan, Lucian Rusu, Adrian Boloș, **Cristina Savencu**. (2016) Failure Behavior of Bilayered All-Ceramic Crowns. 12th International Conference on Cellular and Molecular Biology, Biophysics and Bioengineering (BIO '16) Mallorca, Spain, in August 19-21, 2016
10. Liliana Porojan, Sorin Porojan, **Cristina Savencu**, Digital improved design for zirconia-ceramic lateral crowns, abstract oral presentation, FDI Annual World Dental Congress, 7-10 September 2016, Poznan, Poland
11. Liliana Porojan, Sorin Porojan, Lucian Rusu, Adrian Boloș, and **Cristina Savencu**, Experimental Analyses for The Mechanical Behavior of Pressed All-Ceramic Molar Crowns with Anatomical Design, 5th International Conference on Material Science and Engineering Technology ICMSET 2016, 29-31 October 2016, Tokyo, Japan
12. Liliana Porojan, **Cristina E. Savencu**, Florin I. Topală, Sorin D. Porojan, Surface texture and hardness of dental alloys processed by alternative technologies, The 6th International Conference on Manufacturing Engineering and Process (ICMEP Conference), 27-29 May 2017, Lisbon.
13. Sorin Porojan, Mihaela Birdeanu, **Cristina Savencu**, Liliana Porojan, Structural and morphological approach of Co-Cr dental alloys processed by alternative manufacturing technologies, The 6th International Conference on Manufacturing Engineering and Process (ICMEP Conference), 27-29 May 2017, Lisbon.
14. Porojan Liliana, **Savencu Cristina**, Boloș Adrian, Rusu Lucian, Porojan Sorin, Metal-ceramic crowns failures related to the framework manufacturing procedure, FDI Congress 2017, 29 August – 2 September 2017, Madrid.
15. Porojan Sorin, Boloș Adrian, Rusu Lucian, **Savencu Cristina**, Porojan Liliana, Effect of substrate on experimental failures of zirconia-based bilayered crowns, FDI Congress 2017, 29 August – 2 September 2017, Madrid.

Postere

1. **Cristina Savencu**, Mihaela Birdeanu, Sorin Porojan, Liliana Porojan, Corrosion behavior of dental alloys-processed by laser-based additive manufacturing procedures, 7th Edition of the International conference on Lasers in Medicine, Advanced laser technologies in the hands of medicine, 13-15 July 2017, Timisoara.
2. **Cristina Savencu**, Mihaela Birdeanu, Sorin Porojan, Liliana Porojan, Corrosion behavior of casted and CAD/CAM milled Co-Cr dental alloys-In vitro study, Bioremed 2017, Timișoara, 5-7 october 2017
3. **C. E. Savencu**, L. V.Costea, M. L. Dan, L. Porojan, Corrosion behavior of CoCr dental alloys

processed by alternative CAD/CAM technologies in artificial saliva solutions, 5th International Conference On Powder Metallurgy & Advanced Materials, 17-20 September 2017, Cluj-Napoca, Romania

4. Liliana Porojan, Lucian Rusu, Sorin Porojan, Adrian Boloş, **Cristina Savencu**, Experimental evaluation of fracture pattern in monolithic hot-pressed ceramic crowns poster presentation, abstract 7th International Conference Biomaterials, Tissue Engineering and Medical Devices Constanţa, România, September 15-17th 2016.

5. Sorin Porojan, Liliana Porojan, Mihaela Birdeanu, Adrian Boloş, **Cristina Savencu**, Assesment of base metal dental alloys processed by alternative procedures poster presentation, 7th International Conference Biomaterials, Tissue Engineering and Medical Devices Constanţa, România, September 15-17th 2016.

6. Porojan Liliana, **Savencu Cristina**, Boloş Adrian, Rusu Lucian, Porojan Sorin, Mechanical approach of metal-ceramic crowns obtained with laser-based additive manufacturing methods, 7th Edition of the International conference on Lasers in Medicine, Advanced laser technologies in the hands of medicine, 13-15 July 2017, Timisoara.

7. Vasiliu Roxana-Diana, **Savencu Cristina**, Lazău Radu, Topală Florin-Ionel, Porojan Liliana, Effect of multiple firings on the optical properties of two dental ceramics, Bioremed 2017, Timişoara, 5-7 october 2017

8. M L Dan, L-V Costea, **C E Savencu**, L Porojan, Influence of pH on the corrosion behaviour of laser-processed Co-Cr dental alloys in artificial saliva, 7th International Conference on Advanced Materials and Structures, march 28 and 31 2018

9. L-V Costea, M L Dan, **C E Savencu**, L Porojan, Comparative study on the corrosion resistance of CAD/CAM and conventional processed Co-Cr dental alloys in NaCl solutions, 7th International Conference on Advanced Materials and Structures, march 28 and 31 2018

10. R. D. Vasiliu, R. Lazau, **C. Savencu**, L. Porojan, Effects of thickness and surface processing on the translucency of pressed dental ceramic, 5th International Conference On Powder Metallurgy & Advanced Materials, 17-20 September 2017, Cluj-Napoca, Romania