LISTA DE LUCRĂRI PROF. DR. MEDA-LAVINIA NEGRUŢIU

1. 10 Publicaţii relevante

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8. Negrutiu ML, Sinescu C, Draganescu G, Rominu RO, Romînu M, Rusu LC, Ardelean L, Pop DM, Petrescu EL, Podoleanu AGh, Topala FI, Laser Microspectral Analysis for Validation of en-face OCT Imagistic Evaluation of Micro leakage between the Metallic Framework and Veneer Materials in Fixed Partial Prostheses, REV CHIM-Bucharest, 62 (12): 1185-1188, 2011, ISSN 0034-7752, IF 0,599/2011 *(autor principal – prim autor)*

9. Sinescu, C; Negruţiu, ML; Todea, C; Balabuc, C; Filip, L; Rominu, R; Bradu, A; Hughes, M; Podoleanu, AG - Quality assessment of dental treatments using en-face optical coherence tomography, JOURNAL OF BIOMEDICAL OPTICS 13 (5): Art no. 054065(1-8) , 2008, ISSN 1083-3668, IF 2,970/2008 *(autor principal - reprint author)*

10. Romînu M, Lakatos S, Floriţa Z, Negruţiu M, Investigation of microleakage at the interface between a Co-Cr based alloy and four polymeric veneering materials, THE JOURNAL OF PROSTHETIC DENTISTRY, volume 87, issue 6, 620-624, 2002, ISSN 0022-3913; IF 0.568/2002 *(ultim autor = autor principal).*

2. DOCTORAT. ABILITARE

Titlul tezei de doctorat

"Optimizarea protezelor mobile prin procedee de injectare a polimerilor"
("Optimization of removable dentures by polymer injecting procedures")

Conducătorul de doctorat: Prof.univ.dr.Dorin Bratu

Titlul ştiinţific obţinut - DOCTOR în domeniul STOMATOLOGIE - prin ordinul MEC no. 5285 din 28.12.2001, diploma seria C Nr.0004178

Titlul tezei de abilitare

" Alternative technologies and investigation methods in dentistry"

Confirmat ca şi **conductor de doctorat în domeniul medicină dentară în urma obţinerii atestatului de abilitare** prin **Ordinul Ministrului nr. 4898/18.08.2015**

3. Brevete OSIM (nationale) şi cereri de brevet

1. brevet OSIM RO 121317 B1, eliberat în 29.05.2009 - PROCEDEU SI INSTALATIE PENTRU REALIZAREA PROTEZELOR DENTARE DIN BIOMATERIALE POLIMERICE - Bratu Dorin, Negrutiu Meda-Lavinia, Florita Serban Mihai, Racovicean Aurel, Florita Zeno Alexandru

2. cerere de brevet la OSIM RO 132373 A0 pentru inventia APARAT PORTABIL PENTRU MODELARE CU CEARĂ DENTARĂ – Krems Cristina, Sinescu Cosmin, Podariu Angela Codruta, Negrutiu Meda-Lavinia, Levai Mihaela Codrina, Cojocariu Andreea Codruţa, Marcu Cristian, nr. înreg. a2017 00660, cerere publicată în 28.02.2018 în BOPI nr.2/2018

3. cerere de brevet la OSIM RO 131840 A8 pentru inventia FAŢETE DENTARE CRENELATE – Măroiu Alexandra, Sinescu Cosmin, Romînu Mihai, Negrutiu Meda-Lavinia, Rusu Laura Cristina, Levai Mihaela Codrina, nr. înreg. a2017 00028, cerere publicată în 30.05.2017 în BOPI nr.5/2017

4. cerere de brevet la OSIM pentru inventia METODĂ DE POZIŢIONARE CORECTĂ A PROTEZELOR PARŢIALE FIXE ÎN ZONA FRONTALĂ UTILIZÂND UN PARAMETRU

FONETIC.- Cosmin Sinescu, Meda Negruţiu, Gheorghe Drăgănescu, Dorin Dodenciu, Mihai Romînu, nr.inreg. a2006 00906

5. cerere de brevet la OSIM pentru inventia BANC FONETIC PENTRU POZIŢIONAREA CORECTĂ A PROTEZELOR PARŢIALE FIXE ÎN ZONA FRONTALĂ - Cosmin Sinescu, Meda Negruţiu, Gheorghe Drăgănescu, Dorin Dodenciu, Mihai Romînu, nr.inreg. a2006 00905

6. cerere de brevet la OSIM pentru inventia APARAT DE FREZARE ANALOGICA A PROTEZELOR DENTARE, Meda Negruţiu, Cosmin Sinescu, Mihai Rominu, Dorin Bratu, Zeno Florita - nr.inreg. 205022/2007

4. Cărţi, monografii

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12. GRANTURI

INTERNAŢIONALE

1. FP7 COST ACTION MP1005 - NAMABIO “From NAno to MAcroBIOmaterials (design, processing, characterization, modeling) and applications to stem cells regenerative orthopedic and dental medicine”, 14. Aprilie 2011 - 13. Aprilie 2015 - Reprezentant pentru România în Management Comitee

2. FP7 COST Action FP1101 - Assessment, Reinforcement and Monitoring of Structures (22 November 2011- 21 November 2015) - Reprezentant pentru România în Management Comitee

NAŢIONALE

1. Program de cerecetare interdisciplinară Orizont 2000 - contract nr.15.7 - Cercetari pentru realizarea aparaturii unui laborator zonal pentru testarea si evaluarea calitatii unor biomateriale dentare - realizat in cadrul Disciplinei de Propedeutica si Materiale Dentare din Facultatea de Medicina Dentara a UMF "Victor Babes" Timisoara, in colaborare cu S.C. INTELCERC S.A. si cu ISIM Timisoara (1996-1998) - faza 2 - Conceperea si realizarea instalatiei pentru testarea capacitatii de injectare a biomaterialelor polimerice destinate protezelor dentare - Bratu D. (director de proiect), Negrutiu M, Florita S., Csasar L. - perioda 1996-1997 - finantat de Ministerul Educatiei si Cercetarii

2. Grant CNCSIS At 54- Studii numerice şi experimentale ale procedeelor restauratoare directe şi indirecte ale aparatului dento-maxilar cu materiale heterogene - Rominu M. (director de proiect), Negrutiu M, Sinescu C., Lakatos S. - perioada 2001-2002 - contract nr.35535/2001, grant nr.5

3. Grant CNCSIS At 13/2005 - Elaborarea unei tehnologii şi instalaţii de generare a protezelor parţiale fixe şi studiul interfeţelor acestora cu ţesuturile dure dentare - **Negruţiu Meda-Lavinia- director de proiect**, perioada de desfăşurare 2005-2006, valoare 95000 lei, finanţator UEFISCDI (CNCSIS)

4. Grant CEEX ET 41/2006,contract 1446/29.03.2006 - Tehnici neconventionale de evaluare şi optimizare a protezelor dentare - **Negrutiu Meda-Lavinia - director de proiect**, perioada de desfăşurare 2006-2007, valoare 140000 lei, finanţator UEFISCDI (CEEX)

5. Grant CEEX 82/2006, P-CDI (modulul I) - Optimizarea tratamentelor dento-parodontale prin utilizarea tehnologiei laser – Testări multidisciplinare - Negruţiu Meda - membru în echipa de cercetare (director de proiect - Prof.Dr.Todea Carmen) - 2006-2008

6. Grant CNCSIS A 1032/2007 - Optimizarea comportamentului biomecanic al protezelor partiale prin introducerea unui nou sistem special de mentinere sprijin stabilizare si generarea unor masuri moderne de igienizare si intretinere, **Negrutiu Meda-Lavinia - director de proiect**, perioada de desfăşurare 2007-2008, valoare 192160 lei, finanţator UEFISCDI (CNCSIS)

7. Grant PNII Idei 1741 - Metode neconventionale de analiza si prognostic pentru tehnologii moderne de realizare a protezelor dentare, Sinescu Cosmin (director de proiect), Negruţiu Meda, Rominu Mihai, Florita Zeno, Negru Radu, 2009-2011

8. Grant PNII Idei 1752 - Dezvoltarea de metode optoelectronice de explorare si diagnostic precoce a afectarii vitalitatii dintilor slefuiti in scop protetic si a inflamatiei gingiei marginale, optimizarea tehnicii de lucru, Miron Mariana Ioana (director de proiect), Todea Carmen, Dodenciu Dorin, Negrutiu Meda, Filip Laura, Balabuc Cosmin, 2009-2011

9. Grant PNII Idei 1754 - Depistarea precoce si monitorizarea efectelor bruxismului prin metode moderne, Mărcăuţeanu Corina (director de proiect), Negrutiu Meda, Sinescu Cosmin, Stoica Tunde Eniko, Goguta Luciana, Jivanescu Anca, 2009-2011

10. Grant PNII Parteneraiate 2011, code PN-II-PT-PCCA-2011-3.2-1682, contract 22/2012 - Optical Coherence Tomography (OCT) systems with handheld and endoscope probes for real-time investigations in material studies and for in vivo medical imaging (OCT-MSMI) – CO – Coordinator - Aurel Vlaicu University of Arad; **Negruţiu Meda-Lavinia – responsabil de proiect pentru partenerul 3 (UMFVBT)**, perioada de desfăşurare 2012-2016, valoare 1191300 lei (380000 lei/UMFVBT)

11. POSDRU/18/1.2/G/40067- STANDARDE DE CALITATE ŞI INDICATORI DE PERFORMANŢĂ SPECIFICI PENTRU ÎNVĂTĂMÂNTUL SUPERIOR DIN DOMENIUL SĂNĂTĂŢII – coordonator - UMF "Iuliu Haţieganu" Cluj-Napoca, responsabil partener pentru UMFVBT - Prof.Univ.Dr. Marius Raica, Negruţiu Meda-Lavinia - membru - expert calitate pentru medicină dentară

12. Proiect POSDRU/86/1.2/S/63815 - Calitate şi competenţă profesională europeană în educaţia medicală şi în managementul activităţilor educaţionale– coordonator - UMFVBT - Prof.Univ.Dr. Marius Raica, Negruţiu Meda-Lavinia - membru - expert calitate pentru medicină dentară