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Gender: Female
Date and place of birth: 27.09.1979 Diyarbakir / Turkey
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<https://scholar.google.com/citations?user=xpncjN8AAAAAJ&hl=en>



Education and Title

- 10.2017 **Docent (Associate Professor)**, Prosthodontics, Turkey
- 11.2011-11.2016 **PhD**, Finnish Doctoral Program in Oral Science (FINDOS), Department of Cariology and Restorative Dentistry, Institute of Dentistry, University of Turku, Turku, Finland
PhD Thesis: Effect of Collagen Crosslinkers on Dentin Protease Activity
Supervisor: Prof. Arzu Tezvergil-Mutluay (University of Turku),
Opponent: Prof. Steven R Armstrong (University of Iowa, IA, USA)
- 10.2006-10.2010 **Specialist**, Specialization in Prosthodontics
Department of Prosthetic Dentistry, Faculty of Dentistry,
Dicle University, Diyarbakir, Turkey
- 10.2006-10.2010 **PhD**,
Department of Prosthetic Dentistry, Faculty of Dentistry, Dicle University, Diyarbakir, Turkey
Thesis: Comparison of Load-bearing Capacities of Three-Unit Fiber Reinforced Composite Adhesive Bridges with Different Framework Designs
Supervisor: Prof. Ibrahim Halil TACIR
- 9.1998-10.2003 **DDS**, Dicle University, Faculty of Dentistry, Diyarbakir, Turkey

Language Skills

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| Turkish | Native language |
| English | Proficient |
| Finnish | Intermediate |

Current Position

- 11.2019-... **Visiting Researcher (Sigrid Juselius Fellowship)** Department of Biologic & Materials Sciences & Prosthodontics, School of Dentistry, University of Michigan, Ann Arbor, MI, USA
- 01.2016-... **University Teacher** (Teaching and Research Staff) Department of Cariology and Restorative Dentistry, Institute of Dentistry, University of Turku, Turku/Finland

Previous Positions

- 01.2012-12.2015 **FINDOS Position**, Finnish Doctoral Program in Oral Science (FINDOS), Institute of Dentistry, University of Turku, Turku, Finland
- 04.2011-12.2011 **Specialist**, Prosthetic Dentistry and Biomaterials Science, Institute of Dentistry, University of Turku, Turku, Finland
- 12.2005-.03.2011 **Researcher**, Department of Prosthetic Dentistry, Dentistry Faculty, Dicle University, Diyarbakir, Turkey
- 12.2003-12.2005 **Dentist**, Ergani Health Care Center, Diyarbakir, Turkey

Teaching Experience

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|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01.2017-... | University Teacher , Endodontics/Preclinical undergraduate student education Dept. of Cariology and Restorative Dentistry/Institute of Dentistry, UTU, Turku, Finland |
| 02.2016-... | University Teacher , Cariology/Preclinical undergraduate student education Dept. of Cariology and Restorative Dentistry/Institute of Dentistry, UTU, Turku, Finland |
| 08.2014-... | University Teacher , Dental Morphology/Preclinical undergraduate student education Dept of Cariology and Restorative Dentistry/ Institute of Dentistry, UTU, Turku, Finland |
| 12.2005-03.2011 | Clinical and Pre-Clinical Instructor , undergraduate student education Dept of Prosthetic Dentistry, Dentistry Faculty, Dicle University, Diyarbakır, Turkey |

International Training in Research

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|-----------------|------------------------------------------------------------------------------------------------------|
| 12.2019- ... | Visiting Researcher , Ma Lab, University of Michigan, MI, USA |
| 07.2015-08.2015 | Visiting Researcher , Prof. Cadenaro's Lab, Faculty of Medicine, University of Trieste, Italy |
| 11.2012-1.2013 | Visiting Researcher , Prof. Breschi's Lab, Faculty of Medicine, University of Bologna, Italy |
| 11.2008-4.2009 | Visiting Researcher , Fiber-Reinforced Research Group, University of Turku, Finland |

International Awards

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| 2018 | UAE HATTON AWARD International Association Dental Research |
| 2014 | PAFFENBARGER AWARD Academy of Dental Materials |
| 2013 | NOF HATTON AWARD International Association Dental Research |

International Grants Received

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| 2019 | Sigrid Juselius Fellowship | 129000 euro |
| 2018 | ESE Annual Research Grant European Society of Endodontology | 20000 euro |
| 2018 | Young Researcher Grant , Finnish Dental Society (Apollonia) | 6000 euro |
| 2016 | Young Researcher Grant , Finnish Dental Society (Apollonia) | 4000 euro |
| 2016 | Research Award , Kosti Hamara Funding | 4900 euro |
| 2016 | PhD Completing Grant , University of Turku | 4900 euro |
| 2015 | Research Award , Tellervo ja Kyllikki Hakala Funding | 2000 euro |
| 2015 | Erasmus Staff Mobility , University of Turku | |
| 2014 | Research Excellence Award , Marta ja Uno Pikarla Funding | 2000 euro |
| 2014 | Travel Grant, HATTON COMPETITION, IADR (IADR 2014 Congress) | |
| 2013 | Travel Grant, NOF (CED/IADR Congress) | |
| 2013 | Travel Grant, FINDOS (IADR Congress) | |
| 2013 | Travel Grant, Turku University Foundation | |
| 2012 | Travel Grant, Faculty of Medicine, UTU (ADM Congress) | |
| 2012 | Research Grant , Hilikka Brusii Funding, University of Turku | 1500 euro |
| 2012 | Research Visit Grant , FINDOS (University of Bologna) | |

Pedagogical competence

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|--------------------|----------------------------------------------------------------------------|
| 01.09 - 30.09.2016 | Becoming a teacher, University of Turku, Faculty of Education |
| 04.04 - 11.05.2017 | How to plan my teaching, University of Turku, Faculty of Education |
| 04.04 - 11.05.2017 | Lecturing and Expertise, University of Turku, Faculty of Education |
| 03.05 - 01.06.2017 | UTUPs Integrative Module, University of Turku, Faculty of Education |
| 26.01 - 05.04.2019 | Basics of University Pedagogy 2, University of Turku, Faculty of Education |

Invited Speaker for International Congress

1st International Dental Research and Health Science Congress, May 20-22, 2021

Scientific Board Member for International Scientific Congress

1st International Dental Research and Health Science Congress, May 20-22, 2021

International Meandros Dental Congress, Kuşadası/AYDIN, November 20-23th, 2019.

International Meandros Dental Congress, Kuşadası/AYDIN, November 23-25th, 2018.

Reviewer for International Scientific Journal

2019- ... Journal of International Medical Research

2019- ... Scientific Reports/Nature

2018- ... Journal of Adhesive Dentistry

2017- ... Archives of Oral Biology

2017- ... Caries Research

2015- ... Journal of Dental Research

2012- ... Dental Materials

Memberships

2017- ... International Association of Dental Research Member of Continental European Division

2014- ... Finnish Dental Society (Apollonia)

2012- ... International Association of Dental Research Member of Scandinavian Division

2012- ... Academy of Dental Materials

Seminars

02.09.2015 FINDOS Seminars: 'Effect of Collagen Crosslinkers on Protease Activity'.

27.02.2013 PeGaSOS Seminars: 'Effect of Collagen Crosslinkers on Dentin MMP Activity'

Studies in Other Disciplines

Dental Anthropology (ANT 607) Prof.Dr.Yılmaz Selim ERDAL (09.2010-02.2011)

Hacettepe University Department of Anthropology Beytepe/Ankara, Turkey.

In Media

"New dental materials developed, with bioactive glass doped with fluoride, to stop degradation of demineralized dentin and evoke remineralization" *Daily Science, June 3, 2017,*

<https://www.sciencedaily.com/releases/2017/07/170703121132.h>

List of Publications

1. D. Forgione, M. Nassar, **R. Seseogullari-Dirihan**, A. Tezvergil-Mutluay. 'The effect of phytic acid on enzymatic degradation of dentin.' *European Journal of Oral Science*, 2021;e12771.
2. A. Alani, *I. Salim, **R. Seseogullari-Dirihan**, M Mutluay, A. Tezvergil-Mutluay. 'Incorporation of dimethyl sulfoxide into experimental hydrophilic and hydrophobic adhesive resins: evaluation of cytotoxic activities.' *European Journal of Oral Science*, 2021;129(1):e12756
3. S. Oguz Ahmet, **R. Seseogullari-Dirihan**, A. Tezvergil-Mutluay. 'Activation of matrix-bound endogenous proteases by self-etch adhesives.' *Dental Materials Journal*, 2020;3;39(6):1044-1049.
4. T. Stape, **R. Seseogullari-Dirihan**, L. Tjäderhane, G. Abuna, L.R. Marcondes Martins, A. Tezvergil-Mutluay. 'A novel dry-bonding approach to reduce collagen degradation and optimize resin-dentin interfaces.' *Nature Scientific Reports*, 2018;8:16890.
5. B. Yılmaz, Z. Seyfioglu Polat, A.D. Izgi, D. Toprak, , **R. Seseogullari-Dirihan** 'The contribution of ceramic thickness and adhesive type on the de-bonding strength of dental ceramic veneers using Er,Cr:YSGG laser.' *Journal of Oral Research*, 2019;8(2): 131-139.
6. I.H. Tacir, **R. Seseogullari-Dirihan**, Z. Seyfioglu Polat, E. Ayna, G. On, L.V.J. Lassila, P. Vallittu. 'Comparison of Load-bearing Capacities of Three-Unit Fiber Reinforced Composite Adhesive Bridges with Different Framework Designs' *Medical Science Monitor*, June 2018;24:4440-4448.
7. L. Breschi, A. Bavelloni, D.H. Pashley, A. Mazzoni, **R. Seseogullari-Dirihan**, P. Gobbi, P. Scaffa, L. Tjäderhane, T. Maravic, A. Tevergil-Mutluay, F. Tay. 'Biochemical and immunohistochemical identification of MMP-7 in human dentin.' *December 2018*;79:90-95 .
8. C. Parise Gré, D. Pedrollo Lise, A.P. Ayres, J. De Munck, A. Tezvergil-Mutluay, **R. Seseogullari-Dirihan**, G.C. Lopes, K. Van Landuyt, Bart Van Meerbeek 'Do collagen cross-linkers improve dentin's bonding receptiveness' *Dental Materials*, August 2018;34(11):1679-1689.

9. **R. Seseogullari-Dirihan**, M. Tekbas Atay, D.H. Pashley, A. Tezvergil-Mutluay. '*Inhibitory effect of curcuminoid pretreatments on endogenous dentin proteases.*' Dental Materials Journal, 2018;7(3):445-452.
10. P. Altinci, **R. Seseogullari-Dirihan**, G. Can, D. Pashley, A. Tezvergil-Mutluay. '*Zinc Inhibits Collagenolysis by Cathepsin K and Matrix Metalloproteinases in Demineralized Dentin Matrix.*' Caries Research 2017 Oct 13;51(6):576-581.
11. A. Tezvergil-Mutluay , **R. Seseogullari-Dirihan**, V.P. Feitosa, G. Cama, D.S. Brauer, S. Sauro '*Effects of Composites Containing Bioactive Glasses on Demineralized Dentin.*' Journal of Dental Research. 2017;96(9):999-1005.
12. **R. Seseogullari-Dirihan**, M.M. Mutluay, L. Tjäderhane, L. Breschi, D.H. Pashley, A. Tezvergil-Mutluay. '*Effect of pH on dentin protease inactivation by carbodiimide.*' European Journal of Oral Sciences, 2017;125(4):288-293.
13. **R. Seseogullari-Dirihan**, M.M. Mutluay, D.H. Pashley, A. Tezvergil-Mutluay. '*Is the inactivation of dentin proteases by crosslinkers reversible?*' Dental Materials. 2017;33(2):e62-e68.
14. **R. Seseogullari-Dirihan**, F. Apollonio, A. Mazzoni, L. Tjäderhane, D.H. Pashley, L. Breschi, A. Tezvergil-Mutluay. '*Use of crosslinkers to inactivate dentin MMPs*'. Dental Materials 2016;32(3):423-432.
15. **R. Seseogullari-Dirihan**, L. Tjäderhane, D.H. Pashley, A. Tezvergil-Mutluay. '*Effect of ultraviolet A-induced crosslinking on dentin collagen matrix*'. Dental Materials 2015;31(10):1225-1231.
16. P. Altinci, M.M. Mutluay, **R. Seseogullari-Dirihan**, L. Tjäderhane, D. Pashley, A. Tezvergil-Mutluay '*NaF inhibits matrix-bound cathepsin-mediated dentin matrix degradation*' Caries Research, 2016;50(2):124-132.
17. **R. Seseogullari-Dirihan**, A. Tezvergil-Mutluay, M.M. Mutluay, P. Vallittu, D.H. Pashley. '*Effect of pretreatment with collagen crosslinkers on dentin protease activity*'. Dental Materials 2015;31(8):941-947.
18. S. Ozcan, **R. Seseogullari-Dirihan**, M. Uctasli, F.R. Tay, D.H. Pashley, A. Tezvergil-Mutluay. '*Effect of polyacrylic acid on dentin protease activities*'. Dental Materials 2015;31(8):901-906.
19. A. Tezvergil-Mutluay, **R. Seseogullari-Dirihan**, V.P. Feitosa, F.R. Tay, T.F. Watson, D.H. Pashley, S. Sauro. '*Zoledronate and ion-releasing resins impair dentin collagen degradation*'. Journal of Dental Research 2014;93(10):999-1004.
20. S. Oguz Ahmet, M.M. Mutluay, Z. Seyfioglu Polat, **R. Seseogullari-Dirihan**, B. Bek, A. Tezvergil-Mutluay. '*Addition of benzalkonium chloride to self-adhesive resin-cements: some clinically relevant properties*'. Acta odontologica Scandinavica 2014;72(8):1-8.
21. A. Tezvergil-Mutluay, M. Mutluay, **R. Seseogullari-Dirihan**, K.A. Agee, W.O. Key, D.L.S. Scheffel, L. Breschi, A. Mazzoni, L. Tjäderhane, Y. Nishitani, F.R. Tay, and D.H. Pashley. '*Effect of phosphoric acid on the degradation of human dentin matrix*'. Journal of Dental Research 2013;92: 87-91.
22. A. Tezvergil-Mutluay, M.M. Mutluay, K. Agee, **R. Seseogullari-Dirihan**, T Hoshika, M Cadenaro, L Breschi, P Vallittu F Tay, DH Pashley. '*Carbodiimide cross-linking inactivates soluble and matrix-bound MMPs in vitro*'. Journal of Dental Research 2012;91:192-196.
23. S. Guven, **R. Şeşeoğulları Dirihan**, E. Göncü Basaran '*Laminate veneer application of anterior teeth affected by enamel hypoplasia: Two case reports*' Yeditepe Üniversitesi Diş Hekimliği Fakültesi Der 2011;1(3):7-10.
24. Z. Seyfioglu Polat, **R. Şeşeoğulları Dirihan**, İ.H. Tacir '*The different prothetic rehabilitation crown fractures on children*'. Dental Journal of Selcuk University, 2006;15: 123-127.

Oral Presentations

1. **R. Seseogullari-Dirihan**, D.H. Pashley, A. Tezvergil-Mutluay. '*Odanacatib inhibits cathepsin-K Activity in dentin*' dentin'49th CED-IADR Meeting, 21-23 September 2017, Vienna, Austria.
2. A Beklen, **R Seseogullari-Dirihan**, A Tezvergil-Mutluay '*In vitro effect of smokeless tobacco on gingival epithelial cells.*' 2nd ENSP Conference on Tobacco Control, The official journal of ENSP, 24- 26 May, 2017, Athens, Greece.
3. B. Lara Zarella, **R Seseogullari-Dirihan**, *L. Tjäderhane, A. Tezvergil-Mutluay '*Effect of salivary MMPs and cathepsins on dentin collagen degradation.*' 2017 IADR/AADR/CADR General Session, 22-25 March 2017, San Francisco, CA, USA.
4. *S. Oguz Ahmet, **R. Seseogullari-Dirihan**, A. Tezvergil-Mutluay. '*Activation of endogenous proteases of dentin by self-etching adhesives*'. 38nd Annual Congress of European Prosthodontic Association 25-27 September 2014, Istanbul, Turkey.
5. *A. UsumeZ, A. Tezvergil-Mutluay, T. Sari, **R. Seseogullari-Dirihan**, B.S. Oguz Ahmet, and N. Gutknecht '*Effect of acid or laser on degradation of dentin matrix*'. CED/IADR, September 2013, Florence, Italy.
6. S. Ozcan, **R. Seseogullari-Dirihan**, M. Uctasli, D. Pashley, *A. Tezvergil-Mutluay '*Effect of polyacrylic acid on protease activity of EDTA-demineralized dentin*' 2015 IADR/AADR/CADR General Session, Boston, USA
7. ***R. Seseogullari-Dirihan**, D. Pashley, and A. Tezvergil-Mutluay '*Effect of Pre-treatment with Collagen crosslinkers on dentin protease activity*'. IADR, March 2013, Seattle, USA.

8. **R. Seseogullari Dirihan***, İ.H. Tacir, S Üçtaşlı, P. Vallittu, L.V.J. Lassila 'Comparison of load-bearing capacity of different polymerization methods and framework designs on fiber-reinforced composite FPDs'. 34th Annual Congress of European Prosthodontic Association 23-25 September 2010 Prishtina, Kosovo.
9. **R. Şeşoğulları Dirihan***, Z. Seyfioğlu Polat, İ.H. Tacir 'The different prosthetic rehabilitation crown fractures in children: Four Cases' Turkish Dental Association 13th International Dental Congress 19-24 June 2006 Samsun, Turkey.
10. **R. Şeşoğulları Dirihan***, S. Guven, E. Göncü Basaran 'Polyethylene fiber reinforced resin-bonded bridge'. 32nd Annual Congress of European Prosthodontic Association 4-6 September 2008 Pecs, Hungary.

Poster Presentations

1. *T.H.S. Stape, **R. Seseogullari-Dirihan**, A. Tezvergil-Mutluay, M Mutluay. 'The effect of assisting technologies on light curing performance.' 18-21 March 2020 IADR/AADR/CADR General Session, Washington, USA.
2. A. Alani, *I. Salim, R. Seseogullari-Dirihan, M Mutluay, A. Tezvergil-Mutluay. 'Evaluation of Cell Responses towards DMSO-solvated adhesives after polymerization.' 18-21 March 2020 IADR/AADR/CADR General Session, Washington, USA.
3. ***R. Seseogullari-Dirihan**, B. Lara Zarella, A. Tezvergil-Mutluay 'Effect of Crosslinker on Ultimate Tensile Strength of Demineralized Dentin.' 19-21 September 2019 CED-IADR, Madrid, Spain
4. *A. Alani, I. Salim, R. Seseogullari-Dirihan, M Mutluay, A. Tezvergil-Mutluay. 'Cytotoxicity of experimental hydrophilic and hydrophobic DMSO-solvated adhesives after polymerization.' 19-21 September 2019 CED-IADR, Madrid, Spain.
5. M Nokkala, **R. Seseogullari-Dirihan**, D.H. Pashley, *A. Tezvergil-Mutluay. 'Water-induced degradation in demineralized dentin matrix.' 19-22 June 2019, IADR General Session, Vancouver, Canada.
6. *M. Nassar, D. Forgione, **R. Seseogullari-Dirihan**, A. Tezvergil-Mutluay. 'The effect of phytic acid on enzymatic degradation of dentin.' 19-22 June 2019, IADR General Session, Vancouver, Canada.
7. I. Salim, R. Seseogullari-Dirihan, S. Imazato, A. Tezvergil-Mutluay* 'Inhibitory Effects of Various Ions Released from Surface Active Fillers. Academy of Dental Materials 2-5 October 2019, Jackson Hole, WY, USA.
8. *A Tezvergil-Mutluay, **R Seseogullari-Dirihan**, E Yatkin, MM Mutluay 'Novel lignan and stilbenoid mixtures inhibit cathepsin-K activity in dentin.' Academy of Dental Materials 4-6 October 2018, Porte de Galinhas, Brazil.
9. *T.H.S. Stape, **R. Seseogullari-Dirihan**, L. Tjäderhane, G. Abuna, L.R.M. Martins, A. Tezvergil-Mutluay 'Dry-bonding with dimethylsulfoxide pretreatments to reduce collagen degradation.' Academy of Dental Materials 4-6 October 2018, Porte de Galinhas, Brazil.
10. **R Seseogullari-Dirihan**, E Yatkin, MM Mutluay *A Tezvergil-Mutluay, 'Novel lignan and stilbenoid mixtures inhibit matrix metalloproteinase activity in dentin.' IADR/PER General Session, 25-28 July 2018, London England.
11. *S.B. Oguz Ahmet, **R. Seseogullari-Dirihan**, M. Mutluay, A. Tezvergil-Mutluay. 'Effect of simulated gastric acids on Mechanical Properties of CAD/CAM resin.' IADR/PER General Session, 25-28 July 2018, London England.
12. O. Kara, **R. Seseogullari-Dirihan**, A. Tezvergil-Mutluay, A. Usumez. 'Inhibition of Matrix Metalloproteinase by Photodynamic Therapy.' IADR/PER General Session, 25-28 July 2018, London England.
13. ***R. Seseogullari-Dirihan**, D.H. Pashley, A. Tezvergil-Mutluay, 'Rhus coriaria L. Binding capacity to mineralized versus demineralized dentin' 49th CED-IADR Meeting, 21-23 September 2017, Vienna, Austria.
14. K.N. Jamal, **R. Seseogullari-Dirihan**, A. Tezvergil-Mutluay. 'Long-term effect of collagen crosslinkers on mechanical properties of dentin' 49th CED-IADR Meeting, 21-23 September 2017, Vienna, Austria.
15. ***R. Seseogullari-Dirihan**, D. Pashley, A. Tezvergil-Mutluay. 'Grape seed extract binding to mineralized vs. demineralized dentin.' 2017 IADR/AADR/CADR General Session, 22-25 March 2017, San Francisco, CA, USA.
16. L. Salminen, P. Rauhanen, J. Keyrilainen, **R. Seseogullari-Dirihan**, A. Tezvergil-Mutluay 'Effects of radiotherapy on endogenous MMP activity of dentin.' 2017 IADR/AADR/CADR General Session, 22-25 March 2017, San Francisco, CA, USA.
17. M. Nokkala, **R. Seseogullari-Dirihan**, D. Pashley, A. Tezvergil-Mutluay 'The effect of dentin water content on host-derived enzymatic degradation.' 2017 IADR/AADR/CADR General Session, 22-25 March 2017, San Francisco, CA, USA.
18. A.R. Tölski, **R. Seseogullari-Dirihan**, A. Tezvergil-Mutluay 'Effect of pomegranate extract on dentin protease activity.' 2017 IADR/AADR/CADR General Session, 22-25 March 2017, San Francisco, CA, USA.
19. ***R. Seseogullari-Dirihan**, C.O. Navarra, L. Fontanive, M. Cadenaro, A. Tezvergil-Mutluay. 'In vitro analysis of rhus coriaria L. extract interaction with demineralized dentin matrix.' Academy of Dental Materials, 12-15 October 2016, Chicago, IL, USA.

20. *A. Alani, M Mutluay, **R. Seseogullari-Dirihan**, L Tjäderhane, A Tezvergil-Mutluay. '*Effect of dimethyl sulfoxide pretreatment on dentin permeability.*' 47th CED-IADR Meeting, 15-17 October 2015, Belek-Antalya, Turkey.
21. *A Usumez, O Kara, T Sari, **R Seseogullari-Dirihan**, A Tezvergil-Mutluay. '*The effect of laser treatment on total MMP activity.*' 47th CED-IADR Meeting, 15-17 October 2015, Belek-Antalya, Turkey.
22. S. Ozcan, **R. Seseogullari-Dirihan**, M. Uctasli *A. Tezvergil-Mutluay. '*Effect of storage temperature and pH on dentin protease activity.*' 47th CED-IADR Meeting, 15-17 October 2015, Belek-Antalya, Turkey.
23. ***R. Seseogullari-Dirihan**, A. Tezvergil-Mutluay '*Total MMP Activity of dentin matrices pretreated with natural crosslinkers*'. Academy of Dental Materials 7-10 October 2015, Maui, Hawaii, USA.
24. ***R Seseogullari-Dirihan**, M.M. Mutluay, A. Tezvergil-Mutluay. '*Does self-adhesive cementation increase dentin protease activity?*' Academy of Dental Materials 7-10 October 2015, Maui, Hawaii, USA.
25. ***R. Seseogullari-Dirihan**, M.M. Mutluay, L. Tjaderhane, D. Pashley, A. Tezvergil-Mutluay '*Longterm inhibition of dentin proteases by collagen crosslinkers*'. IADR/AADR/CADR General Session, March 2015, Boston, USA.
26. *P. Altinci, M.M. Mutluay, **R. Seseogullari-Dirihan**, L. Tjaderhane, D. Pashley, A. Tezvergil-Mutluay '*Fluoride prevents dentin matrix degradation by endogenic collagenolytic enzymes*' 2015 IADR/AADR/CADR General Session, Boston, USA.
27. *A Tezvergil-Mutluay, **R. Seseogullari-Dirihan**, M.M. Mutluay. '*Effect of self-adhesive cements on endogenous proteolytic activity of dentin*'. International Congress of Prosthodontics, 16th Biennial Meeting, September 17 - 20, 2015, Seoul, Korea.
28. ***R. Seseogullari-Dirihan**, P. Vallittu, A. Tezvergil-Mutluay. '*Effect of Crosslinker Treatment on Micropush-out Bond Strength to Dentin.*' 2014 IADR/PER Congress, 10-13 September 2014, Dubrovnik, Croatia.
29. *A. Alani, M. Mutluay, **R. Seseogullari-Dirihan**, L. Tjaderhane, A. Tezvergil-Mutluay. '*Immediate effect of specific protease inhibitors on dentin bond strength.*' 2014 IADR/PER Congress, 10-13 September 2014, Dubrovnik, Croatia.
30. *P. Altinci, M Mutluay, **R. Seseogullari-Dirihan**, L. Tjaderhane, A. Tezvergil-Mutluay. '*NaF prevents the proteolytic degradation of demineralized dentin matrix.*' 2014 IADR/PER Congress, 10-13 September 2014, Dubrovnik, Croatia.
31. ***R. Seseogullari-Dirihan**, M.T. Atay, D.H. Pashley, A. Tezvergil-Mutluay '*Effect of curcuminoid pretreatment on dentin endogenous enzymes*'. Academy of Dental Materials 8-11 October 2014, Bologna, Italy.
32. ***R. Seseogullari-Dirihan**, F. Apollonio, A. Mazzoni, L. Tjaderhane, L. Breschi, D. Pashley, and A. Tezvergil-Mutluay. '*Inactivation of dentin proteases by collagen crosslinkers*'. IADR General Session, June 2014, Cape Town, South Africa.
33. *A. Tezvergil-Mutluay, **R. Seseogullari-Dirihan**, M.M. Mutluay A. Mazzoni, L. Breschi L. Tjaderhane, D.H. Pashley '*The effect of demineralization duration and concentration on dentin protease activity*'. AADR Annual Meeting & Exhibition, March 19-22, 2014, Charlotte, NC, USA.
34. ***R. Seseogullari-Dirihan**, F. Apollonio, A. Mazzoni, L. Tjaderhane, L. Breschi, D. Pashley, and A. Tezvergil-Mutluay '*Inactivation of MMP-2 and -9 on dentin*'. CED/IADR, September 2013, Florence, Italy.
35. *A. Usumez, A. Tezvergil-Mutluay, T. Sari, **R. Seseogullari-Dirihan**, B.S. Oguz Ahmet, and N. Gutknecht '*Effect of acid or laser on degradation of dentin matrix*'. CED/IADR, September 2013, Florence, Italy.
36. ***R. Seseogullari-Dirihan**, L. Tjaderhane, P. Vallittu and A. Tezvergil-Mutluay '*Inactivation of dentin protease activity by photo-activated riboflavin*'. 101st FDI Congress, August 2013, Istanbul, Turkey.
37. *B.S. Oguz Ahmet, **R. Seseogullari-Dirihan**, B. Bek, D. Pashley and A. Tezvergil-Mutluay '*Inhibitory effect of quaternary ammonium methacrylates on dentin protease activity*'. 101st FDI Congress, August 2013, Istanbul, Turkey.
38. ***R. Seseogullari-Dirihan**, M. Yahyazadehfar, M.M. Mutluay, H. Majd, H. Ryou, D. Arola, and A. Tezvergil-Mutluay '*Fatigue resistance of endodontically treated teeth restored with metal-free posts*'. IADR, March 2013, Seattle, USA.
39. ***R. Seseogullari-Dirihan**, A. Mazzoni, L. Tjaderhane, L. Breschi, M.M. Mutluay, D. Pashley, and A. Tezvergil-Mutluay, '*Effect of demineralization on matrix metalloproteinase release in dentin*'. IADR, March 2013, Seattle, USA.
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