

PERSONAL INFORMATION

Iva Alajbeg

 ialajbeg@sfzg.hrORCID: <https://orcid.org/0000-0001-8524-5661>JOB APPLIED FOR
POSITION
PREFERRED JOB
APPLIED FOR

WORK EXPERIENCE

2022	Full Professor with tenure (Univ. of Zagreb, School of Dent. Med.)
2016	Full Professor (Univ. of Zagreb, School of Dent. Med.)
2011	Associate Professor (Univ. of Zagreb, School of Dent. Med.)
2010	Scientific Advisor (Univ. of Zagreb, School of Dent. Med.)
2006 - 2011	Assistant Professor (Univ. of Zagreb, School of Dent. Med.)
2003 - 2006	Senior research assistant (Univ. of Zagreb, School of Dent. Med.)
2002 - 2003	Assistant (Univ. of Zagreb, School of Dent. Med.)
1998 - 2002	Scientific novice at Department of Prosthodontics (Univ. of Zagreb, School of Dent. Med.)

EDUCATION AND TRAINING

31.3.-4.4.2025	Facultad de Odontología - School of Dentistry, Universidad Complutense de Madrid
24.-30.11.2022	University Clinic of Dentistry, Medical University of Vienna
2-5.12.2018	3 days' externship University of Naples Federico II, Italy-International exchange course in TMD
7-11.5.2018	1 wk externship Tufts University School of Dental Medicine, Boston, MA, USA
30.4-5.8.2018	1 wk externship University of Connecticut, CT, USA
14-19.5.2017	1 wk externship Universidade Catolica Portuguesa - Instituto Ciências da Saúde, Viseu
15-27.11.2015	2 wks externship Tufts University School of Dental Medicine, Boston, MA, USA
7-11.10.2009	4 days externship University of Siena, Italy - workshop „Rehabilitation Aspects of TMD”
2004	Prosthodontics specialty certificate exam
2004	PhD
2001	MSc
1997	Graduated from the School of Dental Medicine, University of Zagreb
1991-1997	Dental School, University of Zagreb

PERSONAL SKILLS

Mother tongue(s) Croatian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
German and Italian	A2	A2	A2	A2	A2

Communication skills excellent communication skills gained through my experience in treating patients with chronic orofacial pain

Organisational / managerial skills

- 2025 - **Vice Dean** for Science, Research and Doctoral Studies
- 2025 - **Member of the Editorial Board** of Acta Odontologica Scandinavica
- 2021 - founder and **head** of the Ministry of Health's **Reference Centre for Temporomandibular Disorders**
- 2020 - project financed by the Croatian Science Foundation "Genetic polymorphisms and their association with temporomandibular disorders" – **project leader**
- 2015–2019 project financed by the Croatian Science Foundation "The Role of Oxidative Stress and Opiorphin in Temporomandibular Disorders" – **project leader**
- 2018 - member of the Academy of Medical Sciences of Croatia
- 2013 - **Member of scientific / organizing committee** of the 3. International Congress of the Croatian Prosthodontics Association
- 2009 - **Member of the Editorial Board** of Acta Medica Croatica (The official journal of the Academy of Medical Sciences of Croatia) (indexed in Medline)
- 2009 **Secretary** of the 2. International Congress of the Croatian Prosthodontics Association
- 2009 **Guest Editor** of the Acta Stomatol Croat Supplement 2009, 43 (4)
- 2008-2016 **Executive Board Committee Member** of Croatian Prosthodontics Association

Job-related skills the 2010 member of the Committee of postgraduate doctoral studies
since 2012 vice president of the Committee of postgraduate doctoral studies
since 2019 external member of the commission for the defence of doctoral and master's theses at the **McGill University, Canada**

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Replace with name of ICT-certificate(s)

- the award for "The best e-course for the year 2013/2014 at School of Dental Medicine in Zagreb" and award of University of Zagreb for the e-course "Bruxism"
- co-author of the first virtual textbook on the School of Dentistry (Valenic-Peruzovic M, Alajbeg I Illeš D. "Gnathology @ net - online manual"

Other skills

- Recreational running, participated in a number of national and international races (Zagreb 09.04.2016. Half Marathon "Hendrix" finished second in the age category)

Driving licence

B

ADDITIONAL INFORMATION

Invited speaker	1. Invited speaker at Symposium of Macedonian Dental Society (30.10.2010.) "Diagnosis and therapeutic modalities of temporomandibular disorders - experiences from Croatia" 2. Invited speaker at Symposium of Macedonian Dental Society (24.5.2014.) "Temporomandibular disorders - correlation with systemic factors, multidisciplinary approach" 3. Invited speaker at 2nd International congress of Croatian society of Orthodontics (Zagreb 26.-27.9.2014.) 4. Tufts University School of Dental Medicine, Boston, 2015. (Temporomandibular disorders – our experiences) 5. Invited speaker at IV. National Conference of the Faculty of Dentistry in Tirana, 2017. (Temporomandibular disorders - truths and misconceptions) 6. Invited speaker at XII. Congress of the Faculty of Dental Medicine in Viseu 2017. (Temporomandibular disorders and bruxism – salivary diagnostics) 7. Invited speaker at 3rd International Congress of the School of Dental Medicine, Zagreb, 2017. (Temporomandibular disorders - is it all in the head?) 8. Invited speaker at 9th Croatian Congress of Pharmacology with international participation, Zagreb 2019 (The role of saliva in the diagnosis of temporomandibular disorder) 9. Invited speaker at EDSA Summer Camp 2017, 2018 and 2019 in Dubrovnik 10. Invited speaker at 10th International Congress of the School of Dental Medicine, Zagreb, 2023. (Orthodontics and temporomandibular disorders - what do we know and what do we still need to investigate)
Awards	1. Recipient of the National Science Award in the field of biomedicine and health for the year 2023 2. University of Zagreb scientific award "Andrija Štampar" 3. First author of the best scientific paper in 2021 at the School of Dental Medicine, University of Zagreb 4. First author of the best scientific paper in 2020 at the School of Dental Medicine, University of Zagreb 5. Award of the School of Dental Medicine, University of Zagreb for the best course for the academic year 2019/2020 (course „Occlusion“, leader of the course Iva Alajbeg) 6. Award for "The best e-course for the year 2013/2014 at School of Dental Medicine in Zagreb 7. Award of University of Zagreb for the best e-course for the year 2013/2014 (award for multimedia) 8. Best Oral presentation Prize at the "30th Annual Conference of the European Prosthodontics Association" in London, UK, 2006 9. Scientific award of the Academy of Medical Sciences of Croatia "Borislav Nakić" 2005 10. Best Poster Presentation Prize at the "26th Annual Conference of the European Prosthodontics Association" in Cavtat, Croatia, 2002 11. Co-author of paper awarded with the best poster presentation prize at the II. Croatian Congress of Pharmacology with International Participation 2001.
Projects	Project leader of the 2 scientific projects financed by the Croatian Science Foundation "The Role of Oxidative Stress and Opiorphin in Temporomandibular Disorders " (2015-2019) and "Genetic polymorphisms and their association with temporomandibular disorders" (2020-2024)
International conferences	Author and co-author of cca 80 conference abstracts, 29 abstracts published in CC/SCI journals
Reviews in respectable international scientific journals	"Oral Diseases" (CC, SCI) "Journal of Oral Pathology Medicine" (CC, SCI) „Computer Methods and Programs in Biomedicine“ (CC, SCI) Journal of Oral Rehabilitation" (CC, SCI) "Acta Medica Academica" (Medline/PubMed) "Acta Odontologica Scandinavica" (CC, SCI) "Case Reports in Dentistry" (PubMed, Biological Sciences) „Acta Stomatologica Croatica" (SCOPUS, EMBASE, CAS)
Publications	author and co-author of 82 "in extenso" scientific papers
Citations	723 citations (according WOS cited reference search) h-index 17
Professional activities	Translation of the Diagnostic Criteria for Temporomandibular Disorders: Assessment Instruments which are available on INfORM consortium sites Panel member of the Croatian Science Foundation (IP/UIP 2020-02 and IP 2022) - reviewer of 15 projects; Reviewer of projects of the Ministry of Science within the Call for "Preparation of IRI infrastructure projects" and "Strengthening capacity for research, development and innovation".

SELECTED PUBLICATIONS

1. **Alajbeg IZ**, Vrbancovic E, Alajbeg I, Orabovic I, Naka K, Mrla A, Boucher Y. Time-course of pain and salivary opiorphin release in response to oral capsaicin differ in burning mouth syndrome patients, temporomandibular disorders patients and control subjects. *Clin Oral Investig*. 2024 Apr 9;28(5):246. doi: 10.1007/s00784-024-05653-y. (Q2 (WoS), IF:3,4)
2. Zlendić M, Vrbancović Đuričić E, Gall Trošelj K, Tomljanović M, Vuković Đerfi K, **Alajbeg IZ**. Genetic Influences of Proinflammatory Cytokines on Pain Severity in Patients with Temporomandibular Disorders. *Int J Mol Sci*. 2024 Aug 10;25(16):8730. (Q1 (WoS))
3. Zlendić M, Vrbancović E, Trošelj KG, Tomljanović M, Đerfi KV, **Alajbeg IZ**. Genetic influence on treatment outcomes in patients with pain-related temporomandibular disorders. *J Oral Rehabil*. 2024 Aug;51(8):1542-1554. (Q1 (WoS))
4. Lebel A, Lescaille G, Alajbeg I, **Alajbeg IZ**, Boucher Y. The Role of Stress in Burning Mouth Syndrome Triggered by Dental Treatments: A Two-Step Hypothesis. *J Oral Rehabil*. 2025 Jul;52(7):1001-1014. doi: 10.1111/joor.13964. Epub 2025 Mar 26. (Q1 (WoS))
5. Brakus RB, Brakus I, Carek A, Galić T, **Alajbeg IZ**. Evaluating amitriptyline's role in chronic TMD management: a placebo-controlled trial. *BMC Oral Health*. 2025 Mar 4;25(1):334. (Q1 (WoS))
6. Zlendić M, Vrbancović E, Tomljanović M, Gall Trošelj K, Đerfi KV, **Alajbeg IZ**. Association of oral behaviours and psychological factors with selected genotypes in pain-related TMD. *Oral Dis*. 2024 Apr;30(3):1702-1715. (Q1 (WoS), IF:3,80)
7. Vrbancović E, Zlendić M, Gall Trošelj K, Tomljanović M, Vuković Đerfi K, **Alajbeg IZ**. The Association of Oxidative Stress-Related Gene Polymorphisms with Pain-Related Temporomandibular Disorders and Oral Behavioural Habits. *Antioxidants (Basel)*. 2023 May 31;12(6):1195. doi: 10.3390/antiox12061195. (Q1 (WoS), IF:7,0)
8. Porporatti AL, de Oliveira Machado CA, Alajbeg I, **Alajbeg IZ**, Paszynska E, Dmitrak-Weglarz M, Braud A, Boucher Y. Opiorphin as a biomarker of orofacial conditions: a meta-analysis. *Sci Rep*. 2023 Sep 19;13(1):15533. doi: 10.1038/s41598-023-42051-y (Q2 (WoS), Q1 (Scopus), IF: 4,6)
9. Vrbancović E, Zlendić M, **Alajbeg IZ**. Association of oral behavior's frequency with psychological profile, somatosensory amplification, presence of pain and self-reported pain intensity. *Acta Odontol Scand*. 2022 doi: 10.1080/00016357.2022.2042380 (Q3 (WoSCC), Q1 (Scopus), IF 2,331)
10. Gikić M, Vrbancović E, Zlendić M, **Alajbeg IZ**. Treatment responses in chronic temporomandibular patients depending on the treatment modalities and frequency of parafunctional behavior. *J Oral Rehabil*. 2021; 48 (7) , pp.785-797 (Q1 (WoSCC), IF 3,837)
11. Vrbancović E, **Alajbeg IZ**, Alajbeg I. COVID-19 pandemic and Zagreb earthquakes as stressors in patients with temporomandibular disorders. *Oral Diseases* 2020, doi:10.1111/odi.13488 (Q1 (WoSCC), IF 3,511)
12. **Alajbeg IZ**, Vrbancović E, Lapić I, Alajbeg I, Vuletić L. Effect of occlusal splint on oxidative stress markers and psychological aspects of chronic temporomandibular pain: a randomized controlled trial. *Scientific Reports* 2020, doi: 10.1038/s41598-020-67383-x (Q1 (WoSCC), IF 4,38)
13. Andabak Rogulj A, **Alajbeg IZ**, Brailo V, Škrinjar I, Žužul I, Vučićević Boras V, Alajbeg I. Topical NAVS naphthalan for the treatment of oral lichen planus and recurrent aphthous stomatitis – a double blind, randomized, parallel group study. *PLoS One*. 2021; 8;16(4):e0249862. (Q1 (Scopus))
14. Vrbancović E, Lapić I, Rogić D, **Alajbeg IZ**. Changes in salivary oxidative status, salivary cortisol, and clinical symptoms in female patients with temporomandibular disorders during occlusal splint therapy: a 3-month follow up. *BMC Oral Health*. 2019;19(1):100. (Q1 (Scopus))
15. Vrbancović E, **Alajbeg IZ**, Vuletić L, Lapić I, Rogić D, Andabak Rogulj A, Illeš D, Knezović Zlatarić D, Badel T, Alajbeg I. Salivary Oxidant/Antioxidant Status in Chronic Temporomandibular Disorders is Dependent on Source and Intensity of Pain - a Pilot Study. *Front. Physiol*. 2018 doi: 10.3389/fphys.2018.01405 (Q1 (WoSCC))
16. **Alajbeg IZ**, Lapić I, Rogić D, Vuletić L, Andabak Rogulj A, Illeš D, Knezović Zlatarić D, Badel T, Vrbancović E, Alajbeg I. Within-Subject Reliability and between-Subject Variability of Oxidative Stress Markers in Saliva of Healthy Subjects: A Longitudinal Pilot Study. *Dis Markers*. vol. 2017, Article ID 2697464, 11 pages, 2017. <https://doi.org/10.1155/2017/2697464>. (Q1 (Scopus))
17. **Alajbeg IZ**, Gikić M, Valentić-Peruzović M. Changes in pain intensity and oral health-related quality of life in patients with temporomandibular disorders during stabilization splint therapy – a pilot study. *Acta Clin Croat*. 2014; 53: 7-16 (Q3 (Scopus))
18. Čimić S, Kraljević Šimunković S, Badel T, Dulčić N, **Alajbeg I**, Čatić A. Measurements of the sagittal condylar inclination: intraindividual variations. *Cranio*. 2014; 32: 104-109 (Q3 (Scopus))
19. **Alajbeg IZ**, Žuvela A, Tarle Z. Risk factors for bruxism among Croatian navy employees. *J Oral Rehabil*. 2012 Sep;39(9):668-76. Epub 2012 May 19 (Q1 (WoSCC))
20. Brailo V, Vučićević-Boras V, Lukač J, Biočina-Lukenda D, **Alajbeg IZ**, Milenović A, Balija M. Salivary and serum interleukin 1 beta, interleukin 6 and tumor necrosis factor alpha in patients with leukoplakia and oral cancer. *Med Oral Patol Oral Cir Bucal*. 2012; 17(1):e10-5. (Q2 (WoSCC))
21. Alajbeg I, Vukoja D, Vučićević Boras V, Brailo V, **Alajbeg IZ**, Andabak Rogulj A. Response to Yang and Huang. *Photomed Laser Surg*. 2011; 29:651 (Q3 (WoSCC))
22. Vukoja D, Alajbeg I, Vučićević Boras V, Brailo V, **Alajbeg IZ**, Andabak Rogulj A. Is effect of low-level laser therapy in patients with burning mouth syndrome result of a placebo? *Photomed Laser Surg*. 2011;29:647-8 (Q3 (WoSCC).)
23. Čelebić A, Valentić-Peruzović M, **Alajbeg IZ**, Mehulić K, Knezović Zlatarić D. Jaw elevator silent periods in complete denture wearers and dentate individuals. *Journal of Electromyography and Kinesiology*. 2008; 18: 947-954.(Q2 (WoSCC))
24. Čelebić, A, **Alajbeg IZ**, Kraljević-Simunković S, Valentić-Peruzović M. Influence of different condylar and incisal guidance ratios to the activity of anterior and posterior temporal muscle. *Archives Oral Biol*. 2007; 52: 142-148. (Q3 (WoSCC))
25. Brailo V, Vučićević-Boras V, Cekić-Arambašin A, **Alajbeg IZ**, Milenović A, Lukač J. The significance of salivary interleukin 6 and tumor necrosis factor alpha in patients with oral leukoplakia. *Oral Oncol*. 2006; 42: 370-373. (Q1 (WoSC))
26. Boras VV, Lukač J, Brailo V, Picek P, Kordić D, **Alajbeg IZ**. Salivary interleukin-6 and tumor necrosis factor-alpha in patients with recurrent aphthous ulceration. *J Oral Pathol Med*. 2006;35:241-3. (Q2 (WoSCC))
27. **Alajbeg IZ**, Valentić-Peruzović M, Alajbeg I, Cifrek M. The influence of age and dental status on elevator and depressor muscle activity. *J Oral Rehabil*. 2006;33: 94-101 (Q3 (WoSCC))
28. **Alajbeg IZ**, Valentić-Peruzović M, Alajbeg I, Illeš D, Čelebić A. The influence of dental status on masticatory muscles activity in elderly patients. *Int J Prosthodont*. 2005; 18:333-338. (Q2 (WoSCC))
29. Alajbeg I, Hladki N, **Alajbeg ZI**, Rošin-Grget K, Vučićević-Boras V, Cekić-Arambašin A. The treatment effects of pilocarpine in patients with xerostomia. *Period Biol*. 2005; 107: 201 - 206. (Q4 (WoSCC))
30. **Alajbeg IZ**, Valentić-Peruzović M, Alajbeg I, Illeš D. Influence of occlusal stabilization splint on the asymmetric activity of masticatory muscles in patients with temporomandibular dysfunction. *Coll Antropol*. 2003; 1: 361-373. (Q3 (WoSCC))