

Faculty Profile

Department of Oral & Maxillofacial Pathology, Faculty of Dentistry, Tabriz University of Medical Sciences

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Academic & administrative position

2012- until now: Assistant professor, Department of Oral & Maxillofacial Pathology, Faculty of Dentistry, Tabriz University of Medical Sciences

2009-2012: Postgraduate student of oral & maxillofacial pathology, Faculty of Dentistry, Tabriz University of Medical Sciences

2002-2008: Undergraduate dental student, Faculty of Dentistry, Tabriz University of Medical Sciences

2017-until now: MS of Medical Education student

2019-until now: Head of Education Development Office in Dental Faculty

Teaching experiences

1. Theoretical general pathology course for undergraduate dental students
2. Theoretical oral and maxillofacial pathology course for postgraduate oral & maxillofacial pathology students
3. Practical general pathology course for undergraduate dental students
4. Practical oral and maxillofacial pathology course for postgraduate oral & maxillofacial pathology students
5. Journal club for postgraduate oral & maxillofacial pathology students

Publications

1. Saleh Saber F, Abolfazli N, Koushltani M (2010). The effect of disinfection by spray atomization on dimensional accuracy of condensation silicone impressions. *J Dent Res Dent Clin Dent Prospect*; 4:124-129 (**Pubmed Indexed**).
2. Aghbali A, Sina M, Vahid Pakdel SM, Emamverdizadeh P, Kouhsoltani M, Mahmoudi SM, Janani M (2013). Giant cell granulomas of the jaws: correlation of the histopathologic features with demographic, gross and radiographic findings. *J Dent Res Dent Clin Dent Prospects*; 7(4):225-229 (**Pubmed Indexed**).
3. Hamishehkar H, Emami J, Najafabadi AR, Gilani K, Minaiyan M, Hassanzadeh K, Mahdavi H, Kouhsoltani M, Nokhodchi A (2010). Pharmacokinetics and pharmacodynamics of controlled release insulin loaded PLGA microcapsules using dry powder inhaler in diabetic rats. *Biopharm. Drug Dispos*; 31(2-3):189–201 (**ISI Indexed**).
4. Moradzadeh M, Aghbali AA, Halimi M, Mahmoudi SM, Kouhsoltani M (**Corresponding author**) (1391). Comparison of SRC expression between aggressive and non-aggressive central giant cell granulomas of jaw bone. *Tabriz Medical journal*; 34(5):60-65 [article in Persian].
5. Moradzadeh Khiavi M, Aghbali A, Halimi M, Kouhsoltani M (**Corresponding author**), Hamishehkar H (2013). Immunohistochemical expression of Src protein in peripheral and central giant cell granulomas of the jaws. *J Oral Maxillofac Pathol*; 17(3):358-362 (**Pubmed Indexed**).
6. Moradzadeh Khiavi M, Taghavi Zenouz A, Mesgarzadeh AH, Sabetmehr O, Mahmoudi SM, Kouhsoltani M (**corresponding author**) (2014). Schwannoma in the midline of hard palate: a case report and review of literature. *J Dent Res Dent Clin Dent Prospects*; 8(2):114-117 (**Pubmed Indexed**).

7. Hamishehkar H, Shokri J, Fallahi S, Jahangiri A, Ghanbarzadeh S, Kouhsoltani M **(corresponding author)** (2014). Histopathological evaluation of caffeine-loaded solid lipid nanoparticles in efficient treatment of cellulite. *Drug Dev Ind Pharm*; 41(10): 1640–1646 **(ISI Indexed)**.
8. Zolali E, Hamishehkar H, Maleki-Dizaji N, Majidi Zolbanin N, Ghavimi H, Kouhsoltani M, Asgharian P (2014). Selenium effect on oxidative stress factors in septic rats. *Adv Pharm Bull*; 4(3):289-93 **(Pubmed Indexed)**.
9. Kouhsoltani M, Taghavi Zonooz A (2015). Solitary neurofibroma of the lip: report of a rare case. *J Res Dent Sci*; 11(4): 241-244.
10. Hamishehkar H, Nokhodchi A, Ghanbarzadeh S, Kouhsoltani M **(Corresponding author)** (2015). Triamcinolone acetonide oromucosal adhesive paste for treatment of aphthous stomatitis. *Adv Pharm Bull*; 5(2): 277-282 **(Pubmed Indexed)**.
11. Kouhsoltani M, Halimi M, Dibazar S (2015). A positive correlation between immunohistochemical expressions of CD31 and mast cell tryptase in odontogenic tumors. *Pol J Pathol*; 66(2): 170-175 **(ISI Indexed)**.
12. Kouhsoltani M, Moradzadeh M, Jamali G, Farnia S (2015). Immunohistochemical assessment of mast cells and microvessels in dentigerous cyst, odontogenic keratocyst, and periapical cyst. *Adv Pharm Bull*; 5(supp1): 637-641 **(Pubmed Indexed)**.
13. Hamishehkar H, Ghanbarzadeh S, Sepehran S, Javadzadeh Y, Mardhiah Adib Z, Kouhsoltani M **(Corresponding author)** (2016). Histological assessment of follicular delivery of flutamide by solid lipid nanoparticles: potential tool for the treatment of androgenic alopecia. *Drug Dev Ind Pharm*; 42(6):846-53 **(ISI Indexed)**.
14. Kouhsoltani M, Moradzadeh M, Tahamtan S (2016). Evaluation of mast cell count and microvessel density in reactive lesions of the oral cavity. in *J Dent Res Dent Clin Dent Prospects*. 10(4):241-246 **(Pubmed Indexed)**.

15. Kouhsoltani M, Halimi M, Jabbari G (2016). Immunohistochemical evaluation of myofibroblast density in odontogenic cysts and tumors. accepted for publication in J Dent Res Dent Clin Dent Prospects. 10(1):37-42 **(Pubmed Indexed)**.

16. Aghbali A, Rafieyan S, Mohamed Khosroshahi L, Baradaran B, Shanebandi D, Kouhsoltani M **(Corresponding author)** (2017). IL-4 induces the formation of multinucleated giant cells and expression of $\beta 5$ integrin in central giant cell lesion. Med Oral Pathol Oral Cir Bucal. 22(1): e1-6 **(ISI Indexed)**.

17. Hamishehkar H, Same S, Adibkia K, Zarza K, Shokri J, Taghaee M, Kouhsoltani M **(Corresponding author)** (2015). A comparative histological study on the skin occlusion performance of a cream made of solid lipid nanoparticles and Vaseline. Research in Pharmaceutical Sciences; 10(5):378-387 **(Pubmed Indexed)**.

18. Kouhsoltani M, Mesgarzadeh A, Moradzadeh M (2015). Mandibular fracture associated with a dentigerous cyst: report of a case and literature. J Dent Res Dent Clin Dent Prospects; 9(3):193-198 **(Pubmed Indexed)**.

19. Kouhsoltani M, Aghbali A, Shokoohi B, Ahmadzadeh R (2015). Molecular targeting of Her-2/neu protein is not recommended as an adjuvant therapy in oral squamous cell carcinoma and oral lichen planus. Adv Pharm Bull; 5(supp1): 649-652 **(Pubmed Indexed)**.

20. Fathi N, Ahmadian E, Shahi S, Roshangar L, Khan H, Kouhsoltani M, Maleki Dizaj S, Sharifi S (2019). Role of vitamin D and vitamin D receptor (VDR) in oral cancer. Biomedicine and Pharmacotherapy; 109:391-401 **(ISI Indexed)**.

21. Aghbali A, Akbarzadeh A, Kouhsoltani M **(Corresponding author)** (2018). The role of macrophages and eosinophils in reactive lesions of the oral cavity. Journal of Oral and Maxillofacial Pathology; 22 (1) **(Pubmed Indexed)**.

22. Kouhsoltani M, Abdolhosseinzadeh M, Bahramian A, Vakili Saatloo M, Dabbaghi Tabriz F, Pourlak T (2018). A Comparative Study of Macrophage Density in Odontogenic Cysts and Tumors with Diverse Clinical Behavior. *Journal of Dentistry (Shiraz University of Medical Sciences)*; 19 (2):150-154 (**Pubmed Indexed**).
23. Vakili Saatloo M, Aghbali AA, Koohsoltani M, Yari Khosroushahi A (2019). Akt1 and Jak1 siRNA based silencing effects on the proliferation and apoptosis in head and neck squamous cell carcinoma; 714:143997 (**ISI Indexed**).
24. Bahramian A, Falsafi P, Abbasi T, Ghanizadeh M, Abedini M, Kavooosi F, Kouhsoltani M, Noorbakhsh F, Dabbaghi Tabriz F, Rajaeih S, Rezaei F (2018). Comparing Serum and Salivary Levels of Vitamin D in Patients with Recurrent Aphthous Stomatitis and Healthy Individuals. *Journal of Dentistry (Shiraz University of Medical Sciences)*; 19(4):295-300 (**Pubmed Indexed**).
25. Imani A, Maleki N, Bohlouli S, Kouhsoltani M Sharifi S, Maleki Dizaj S (2020). Molecular mechanisms of anticancer effect of rutin. Online ahead of print. PMID: 33295678 (**ISI Indexed**).
26. Jabbarzadeh M, Hamblin MR, Pournaghi-Azar F, Vakili Saatloo M, Kouhsoltani M (**Corresponding author**), Vahed N (2021). Ki-67 expression as a diagnostic biomarker in odontogenic cysts and tumors: A systematic review and meta-analysis. *J Dent Res Dent Clin Dent Prospects*; 15(1): 66-75 (**Pubmed Indexed**).

Abstracts

1. Maryam Kouhsoltani, Seyyed Mostafa Mahmoudi. (2010) Stem cells: a promising approach for regeneration of salivary glands. The first congress on saliva and salivary glands. Qazvin- Iran.
2. Seyyed Mostafa Mahmoudi, Maryam Kouhsoltani. (2010) Problems, side effects and tissue change following aspiration with fine needle in salivary gland masses. The first congress on saliva and salivary glands. Qazvin- Iran.
3. Maryam Kouhsoltani, Bahram Harasi. (2011) Histopathologic interpretation of radiographic findings: an approach for better diagnosis. The 3rd congress of Iranian association of oral and maxillofacial radiology. Tehran- Iran.
4. Maryam Kouhsoltani, Amir Ala Aghbali. (2011) Biopsy, introduction of new methods. The 3rd congress of the Iranian post-graduate dental students. Tehran- Iran.
5. Maryam Kouhsoltani. (2011) CSCs: a promising future for cancer therapy. The 3rd congress of the Iranian post-graduate dental students. Tehran- Iran.
6. . Maryam Kouhsoltani, Monir Moradzadeh. (2011) A comprehensive way for screening of patients suffering from "Burning Mouth Syndrome. The 3rd congress of the Iranian post-graduate dental students. Tehran- Iran.
7. Monir Moradzadeh, Maryam Kouhsoltani. (2011) The role of human papilloma virus in oral infections and its promising future in oral cancer prevention. The 13th congress of the Iranian pathology association. Tehran- Iran (poster presentation).
8. Maryam Kouhsoltani, Monir Moradzadeh. (2011) Diagnostic methods for HPV infections: a way for timely recognition of oral cancers. The 13th congress of the Iranian pathology association. Tehran- Iran.

9. Amir Ala Aghbali, Monir Moradzadeh. (2012) Recent advances in early oral cancer detection using saliva. The 6th congress of Iranian general dentists' association congress. Tehran- Iran.
10. Maryam Kouhsoltani. (2013) The role of dentists in saving dental stem cells for tooth reconstruction. The 7th congress of Iranian general dentists' association congress. Tehran- Iran.
11. Maryam Kouhsoltani. (2013) Cryosurgery: a very useful technique for oral lesions. The 2nd congress of oral & maxillofacial pathology. Tehran- Iran.
12. Maryam Kouhsoltani. (2013) Keratin defects: a critical factor in disease pathogenesis. The 2nd congress of oral & maxillofacial pathology. Tehran- Iran.
13. Maryam Kouhsoltani. (2013) PET scan: the most effective device in cancer staging and treatment. The 2nd congress of oral & maxillofacial pathology. Tehran- Iran.
14. Maryam Kouhsoltani. (2013) Biologic Products: Novel Aspect in Treatment of Diseases .The 2nd congress of oral & maxillofacial pathology. Tehran- Iran.
15. Maryam Kouhsoltani, Zahra Beytollah (2014) Gamma knife radiosurgery: Treatment of choice for patients unresponsive to conventional therapy. The 8th congress of Iranian general dentists' association congress. Tehran- Iran.
16. Maryam Kouhsoltani, Samira Farnia. (2014) Advanced diagnostic aids for oral cancer detection: from theory to action. The 8th congress of Iranian general dentists' association congress. Tehran- Iran.

17. Zahra Beytollah, Maryam Kouhsoltani (2014). Toluidine blue: from detection of malignancy to evaluation of tumor involved surgical margins. The 8th congress of Iranian general dentists' association congress. Tehran- Iran.
18. Samira Farnia, Maryam Kouhsoltani (2014). Melatonin and its application: from sleep disorder treatment to cancer therapy. The 8th congress of Iranian general dentists' association congress. Tehran- Iran.
19. Monir Moradzadeh Khiavi, Maryam Kouhsoltani. (2014) Granular cell lesions of the head and neck. 16th annual congress of pathology and laboratory medicine. Tehran- Iran.
20. Maryam Kouhsoltani. (2015) Effect of radiation on blood cells .The 3rd congress of oral & maxillofacial pathology. Isfahan- Iran.
21. Maryam Kouhsoltani. (2015) Effect of chronic stress on cancer risk .The 3rd congress of oral & maxillofacial pathology. Isfahan- Iran.