



Curriculum Vitae

Nosrat Nourbakhsh

DDS, MSc, Fellow

(CV Updated @ May, 2021)

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Education:

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| • Goharparvar High school – Tehran – Iran | 1977-1981 |
| • DDS (Doctor of Dental Surgery), Tehran University of Medical Sciences, Tehran- Iran | 1982-1989 |
| • MSc Pediatric Dentistry School of Dentistry, Shahid Beheshti University of Medical Sciences, Tehran, Iran | 1991-1995 |
| • Specialty Board in pediatric Dentistry from Shahid Beheshti University of Medical Sciences in Tehran- Iran . Ministry of Health & Health education | 1995 |
| • Scholarship Award and Fellowship in Preventive orthodontics from Dental School– Faculty of Health Sciences – University of Queensland Brisbane – Australia | 13/06/2006-
30/11/2006 |
| • Fellowship in Hospital Dentistry for Children – Dental School – Isfahan University of Medical Sciences – Isfahan – Iran | 22/05/2011-
21/05/2012 |
| • Fellowship in | |

Current job:

- Pedodontist (**private pediatric dentistry practice**)
- Chairman of “Iranian Dental Stem Cell banking & Development Company” (knowledge-based)
- Associate professor in pediatric dentistry Department at dental school-Isfahan university of Medical Sciences –Isfahan-Iran

Employment history:

• Dentist as Subject to the law of service of doctors and paramedics- Isfahan Health Network 3 - Isfahan-Iran.Ministry of Health & Health education	17/10/1989-14/06/1990
• Dentist as Subject to the law of service of doctors and paramedics- Isfahan Health Network 1 - Isfahan-Iran.Ministry of Health & Health education	19/06/1990-22/09/1990
• Dentist as Subject to the law of service of doctors and paramedics- Kashan Health and treatment Network – Kashan -Iran.Ministry of Health & Health education	8/12/1990-3/01/1992
• Assistant Instructor of Pediatric Dentistry , Academic Member - contractual basis employment at School of Dentistry, Isfahan University of Medical Sciences, Isfahan-Iran	21/03/1992-20/03/1996
• Assistant Professor of Pediatric Dentistry, academic member, contractual basis employment at School of Dentistry, Isfahan University of Medical Sciences, Isfahan-Iran	20/03/1996-16/12/1998
• Assistant Professor of Pediatric Dentistry, academic member ,tenure track (probationary) employment at School of Dentistry, Isfahan University of Medical Sciences, Isfahan-Iran	16/12/1998-16/12/2003
• Assistant Professor of Pediatric Dentistry, academic member, tenured employment at School of Dentistry, Isfahan University of Medical Sciences, Isfahan-Iran	16/12/2003-23/12/2020
• Pedodontist at pediatric Dentistry Specialized ward –Esfahan Dental Clinic(Roozbeh)	2017-2019
	23/12/2020- At present

Research theses:

• DDS thesis: Study of leukemia and its types; Tehran University of Medical Sciences, Tehran, Iran	1989
• MSc thesis : Evaluation of serum IgA, IgG and saliva IgA of caries free and Caries-Active individuals-A comparative study; Shahid Beheshti University of Medical Sciences, Tehran, Iran	1995

Professional Experiences

• Assistant Professor of Pediatric Dentistry at the Dental School of Isfahan University of Medical Sciences (IUMS)	20/03/1996-26/12/2020
• Member of Isfahan Cleft Care Team (ICCT)	2005-2011
• Deputy of pediatric Dentistry Department of Dental School of IUMS	2007-2009
• Head of pediatric Dentistry Department at Dental School of IUMS	2009-2012
• Member of Group in Review and implementation of the general Dentistry curriculum	13/05/2009
• Member of the specialized training committee at Council for Development of stem cell sciences and Technologies	2011
• Director of the pediatric Dentistry Residency Program at Dental School of IUMS	2014-2018
• Designer & Examiner of 23 th & 26 th pediatric Dentistry Residency Exam in Ministry of Health & Health education	2009&2013
• Member of examination Board in the, 32 th , 33 th , 34 th , 35 th , rounds of board exam, pediatric dentistry specialization program. Ministry of Health & Health education	2013 & 21/07/2015-22/09/2018
• Secretary of Regional pediatric dentistry Examination Board in Group for taking specialized encyclopedia)	2019-2022

Branding:

- Established the first (only) dental stem cell bank knowledge -based company in Iran. 2016- present

patents:

- Portable Micron-scale Hard and Soft Surface cutting Machine. N # 89071 certified by the State Property and Deeds Registration Organization. 20 /06 2016
- Application of MCM - 48 hydroxyapatite as the main material in Dental Cement. N#92273 certified by the state property and Deeds Registration Organization. 21 /05/ 2017
- Interdental rinsing machine #102119 certified by the state property and Deeds Registration Organization 23 /08/ 2020

Grants:

- Isolation of stem cells from dental pulp of deciduous teeth and differentiation into adult mesenchymal cells. N# 185046 .granted by Isfahan university of Medical Sciences 9/01/2007
- Transplantation of cells isolated from tooth buds in the early stages in an animal model of a mouse using a three-dimensional culture method N#194355 Granted by Isfahan university of Medical Sciences 12 /04/2014
- Clinical application of adult Autologous bone marrow-derived mesenchymal stem cells in the reconstruction of bone defects N# 190127 granted by Council for Development of Stem Cell Sciences and Technologies 24 /02/ 2013

Awards & Honors:

- Effective Role in the specialized forum on the analysis and reassessment of the national plan for strategic technology development .Vice Presidency for Science and Technology 26/11/2009
- Top grade (2th) for supervising the dissertation in pediatric dentistry-10th Annual Dental Symposium 15/03/2010
- Efforts to advance the goals of the Dental Research Center - Isfahan Dental Science Research Center 13/02/2012
- Tireless efforts in holding the " Conference on Dentistry and Stem Cells " 17/06/2012
- Establishment of an exhibition of scientific and equipment capabilities of Isfahan University of Medical Sciences 14/01/2014
- Director of the pediatric Dentistry Residency Program at Dental School of IUMS 1/03/2016
- Achieving the third rank in pediatric dentistry education - Ranking plan of Iranian dental schools 11/05/2016
- Director of the pediatric Dentistry Residency Program at Dental School of IUMS 4/12/2017
- Holding the 32th& 33th specialized encyclopedia exam 29/08/2017
- Holding the 34th specialized encyclopedia exam 27/08/2018
- Holding the 35th specialized encyclopedia exam 27/08/2019
- Director of the pediatric Dentistry Residency Program at Dental School of IUMS 10/04/2019
- Holding the 36th specialized encyclopedia exam 15/12/2020
- Establishing "Stem Cell Committee" 2005-2020
- Establishing & teaching the Hospital Dentistry fellowship program 2011-2020
- Appreciation on the occasion of retirement 2/05/2021

Teaching experience:

<ul style="list-style-type: none"> Involved with both clinical & theoretical didactic training of post-graduates, interns & undergraduates (overall more than 900 courses) 	1996-2021
<ul style="list-style-type: none"> Involved with thesis and dissertation supervision and guidance (37 Theses) 	1996-2021

Research experiences:

<ul style="list-style-type: none"> Member of Council Research of Dental School of IUMS 	2004-2006 & 2014-2020
<ul style="list-style-type: none"> Chief of stem cell committee at Dental Research center in Dental School of IUMS Isfahan Iran 	28/02/2007-22/10/2020
<ul style="list-style-type: none"> Member of the Stem Cell Workshop Group at IUMS 	2008-2010
<ul style="list-style-type: none"> Member of the Editorial staff of the Journal of Iranian Association of Pediatric Dentistry 	2009-2011
<ul style="list-style-type: none"> Head of Stem Cell Research Committee of Iranian Association of Pediatric Dentistry 	2010-2012
<ul style="list-style-type: none"> Scientific Secretary of the Conference on Dental Stem Cell Banking 	2013
<ul style="list-style-type: none"> Member of the Scientific Committee of the International Congress of Conservative Dentistry 	2015
<ul style="list-style-type: none"> Senior Advisor & Head of the Scientific Committee at the 15th National congress of Iranian Association of Pediatric Dentistry 	2016
<ul style="list-style-type: none"> Supervising more than 11 theses of postgraduate and master of clinical dentistry postgraduate students in Iran 	
<ul style="list-style-type: none"> Publication of more than 25 original articles in English and Persian 	

Specialized Training:

<ul style="list-style-type: none"> Handling pre-cooperative of apprehensive phobic children and adolescents including Special needs children 	
<ul style="list-style-type: none"> Treatment for children under general anesthesia 	
<ul style="list-style-type: none"> Management of medically compromised patients 	
<ul style="list-style-type: none"> Management of dental traumatic injuries 	
<ul style="list-style-type: none"> Stem cell isolation and culture from dental pulp stem cells 	
<ul style="list-style-type: none"> Preventive Orthodontics for children and adolescent 	

Current Research Interests:

<ul style="list-style-type: none"> stem cell Biology & Regenerative Medicine 	
<ul style="list-style-type: none"> outcomes of pulpotomy in primary teeth 	
<ul style="list-style-type: none"> Revascularization procedures for immature teeth 	
<ul style="list-style-type: none"> Dental Stem Cell Banking 	
<ul style="list-style-type: none"> Dental Traumatic Injuries 	

Present Research Area:

<ul style="list-style-type: none"> Regenerative Dentistry 	
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Memberships:

<ul style="list-style-type: none"> Member of Iranian Dental Association (IDA) --present 	1988
<ul style="list-style-type: none"> Member of Iranian Association of Pediatric Dentistry 	2000-present
<ul style="list-style-type: none"> Member of international association for dental research (IADR) N#605449 	2009-2015
<ul style="list-style-type: none"> Member of International Association of Dental Traumatology(IADT) (N#06650157) 	2009 -2010

Supervised Research & Theses:

- Mahabadi M, **Nourbakhsh N**; A Comparative study of DMFT index in children and their parent's. 1996
- Ghasemi, A, **Nourbakhsh, N**; Relationship of amounts of IgG, IgM, $\frac{IgG}{IgM}$ and $\frac{IgG}{IgA}$ in serum with dental caries in immundoifficient patients. 1997
- Oveisgharan, **Nourbakhsh N**; A comparative study of analgesic effect of Acetaminophen with placebo in Extraction of primary molar teeth. 1998
- Sameh, Z, **Nourbakhsh, N**; Comparative study of DMFT index between monozygotic and Dizygotic twins. 1999
- Marjani M, **Nourbakhsh, N**; Study of conscious sedation effect of diazepam in patient management of children in dentistry. 1999
- **Nourbakhsh N**, Talebi A, Heidari A. microbial Contamination of Toothbrushes. 1999
- **Nourbakhsh N***, Amidi I, Mombeini H, Mohajeherin M, Basic criteria of Iranian commercial tooth pastes and an ADA approved Crest. 1999
- Entezari, L, **Nourbakhsh, N**; A comparative study DMFT index assessment by Academic Members of Isfahan Dental School at 10 different departments. 2000
- Amini, A, **Nourbakhsh, N**; Study of fluoride supplement's use in preschool children in Isfahan. 2001
- Naderi I, **Nourbakhsh, N**; clinical study of the effect of iron drop consumption on the rate of decay of deciduous teeth in children aged 1 to 4 years referred to Shahid Navab Safavi Health Center in Isfahan. 2001
- Abedi, A, **Nourbakhsh, N**; Knowledge and attitude of dentists about fissure-sealant therapy. 2002
- Hamidinia F, **Nourbakhsh N**; Clinical Assessment of Carisolv in caries Removal of primary canine teeth. 2003
- Khasheei AR, **Nourbakhsh N**, Talebi A. Evaluation of Microwave's sterilization effect on contaminated toothbrushes. 2004
- Sadeghian M, **Nourbakhsh N**, Talebi A., A study on the effectiveness of chlorhexidine 0.2% solution on toothbrush decontamination 2004
- kahnamouei F, **Nourbakhsh, N**. A comparative study of clinical and microbiological in periodontium of primary teeth . 2006
- Al-Ansari J, **Nourbakhsh, N**. A comparative study of spectrophotometry and selective ion electrode fluoride in detection of fluoride amount in bottled mineral water at Esfahan city . 2008
- Rahbari S, **Nourbakhsh N**, **Khademi A**. Genetic Toxicity of Common Materials for Pulpotomy of Primary Teeth. 2008
- Mousavi A, **Nourbakhsh N**, Mousavi SB. Isolation of stem cells from human primary teeth . 2008
- **Nourbakhsh N**, Akochakian S, Davari M. Comparative evaluation of risk factors in children with cleft lip and palate and healthy children. 2010
- **Nourbakhsh N**, Khoroush M Sharif S. Shear Bond Strength of Two Self-Etch Adhesives to Permanent and Deciduous Dental Enamels & dentin: Effect of Acid Preconditioning. 2010

- **Nourbakhsh N**, Shirani F, Babaei. M *. Effect of phentolamine mesylate on duration of soft tissue local anesthesia in children. 2012
- Esmaeili A, Alifarja S, **Nourbakhsh N**, Talebi A. Messenger RNA Expression Patterns of Neurotrophins during Transdifferentiation of Stem Cells from Human Exfoliated Deciduous Teeth into Neural-like Cells. 2012
- ESmaeili A, **Nourbakhsh N**, Ghafournia M. undergraduate dental students self-assessed experience in pediatric Dentistry . 2013
- Buzarjomehry z, **Nourbakhsh N**. Evaluation of root canal filling in mandibular primary molars using manual and injection Techniques: A clinical study. 2013
- Behnia A, Haghghat A, Talebi A, **Nourbakhsh N**. Transplantation of stem cells from human exfoliated deciduous teeth for bone regeneration in the dog mandibular defect. 2013
- Tahririan D, Kaviani N, **Nourbakhsh N***. Bispectral index scores of pediatric patients under dental treatment and recovery conditions: Study of children assigned for general anesthesia under propofol and isoflurane regimens. 2014
- Baniebrahimi GH, **Nourbakhsh N**, Movahedian B, Talebi A, Nasr-Esfahani MH. Tooth germ stem cell subcutaneous transplantation on masseter muscle in mouse. 2015
- Nazeri R, * **Nourbakhsh N**, Talebi A, N Akhlaghi A. Comparison of the clinical, radiographic and histological outcomes of pulpotomy of deciduous teeth in dogs with formocresol, gutta perca and mineral trioxide aggregate. 2015
- Zare S, **Nourbakhsh N**. Evaluation of awareness, knowledge and attitudes of dental practitioners in Isfahan regarding dental stem cells and their applications in dentistry. 2016
- Najafzadeh L, Hajjahmadi M, **Nourbakhsh N**, Akhlaghi. Evaluation of knowledge and attitude pediatricians regarding importance of stem cells from primary teeth in Isfahan city. 2016
- Salehzadeh A ,Hajjahmadi M , **Nourbakhsh N** , Akhlaghi N .Evaluation of parents' knowledge about the stem cells' importance of primary teeth in Isfahan. 2016
- Hatami B, **Nourbakhsh N**, Ghafournia M. Assessing consequences of untreated carious lesions using pufa index among 4-12 year-old children attending to pediatric dentistry Department of Isfahan dental school. 2016
- sadri I, **Nourbakhsh N**, Moghim. Comparative quantitative evaluation of cytomegalovirus in 2-5 year-old children with severe Early childhood caries and caries-free children using Real-Time PCR . 2017
- Talebi S, **Nourbakhsh N**. Talebi A. Comparative study on short term pulp reactions and hard tissue formation ability of dog primary teeth following pulpotomy with a MCM-48, MCM-48/HA and MTA **2017**
- Ziaei s A, **Nourbakhsh N**. Comparative study on clinical and radiographic success and failure rate of MTA and BMP2 in pulpotomy of primary molars in 3-6 year-old children admitted to dental school of Isfahan university of Medical sciences. 2018
- Zharaei s, Tavassoli Hojjati S, Nekoofar MH, **Nourbakhsh N**. Cytotoxicity and bioactivity of Mineral Trioxide Aggregate Angelus, CEM cement and Endosequence Root repair material putty on stem cells from Human Exfoliated Deciduous Teeth (SHED). 2019

- SalariMoghaddam R, **Nourbakhsh N**, Kaviani N. **Effects of remifentanil on the recovery quality among healthy pediatric candidates for dental procedures under general anesthesia.** 2020

Publications:

- **Nourbakhsh N**, Vahid Golpaygani M. Evaluation of serum IgA, IgG and saliva IgA of caries free and Caries-Active individuals-A comparative study; Iranian Journal of Pediatric Dentistry. 1: 64-71 2000
- **Nourbakhsh N*** Basic criteria of Iranian commercial tooth pastes and an ADA approved Crest. Research in Medical Sciences. 8(1):20-24 (Cited by 4) 2003
- **Nourbakhsh, N** Same. Comparative study of DMF index between Monozygotic and Dizygotic twins. Journal of dental school shahid Behshti University of Medical Science.23(1):172-180 2005
- **Nourbakhsh N**, Talebi A, Heidari A. microbial Contamination of Toothbrushes. Journal of dental school shahid Behshti University of Medical Science.; 23(2):342-354 (Cited by 11) 2005
- **Nourbakhsh N** .Clinical evaluation of the efficacy of carisolv in caries removal in primary canine teeth: PO037.International Journal of Paediatric Dentistry Supplement 15 ; 2005
- **Nourbakhsh N***, Talebi A, Mousavi B, Nadal F, Torabinejad M, K Karbalaie KH. Nasr-Esfahan MH. Isolation. Cell J. 10 (2), 101-108(cited by 12) 2008
- Talebi A, **Nourbakhsh N**, Mottaghi P, Dadgostarnia M, Vafamehr V. New. Teaching /learning model for medical students to integration of usual educational methods in Isfahan University of Medical Sciences. Iranian Journal of Medical Education;10(5):1198-1209 (cited by 10) 2010
- Talebi A, Mottaghi P, Dadgostarnia M, **Nourbakhsh N**. Clinical Pathology Teaching in Laboratory by Socratic Method. Iranian Journal of Medical Education;10(5):937-42 2010
- **Nourbakhsh N***, Davari H, Akochakian S, Davari. Comparative evaluation of risk factors in children with cleft lip and palate and healthy children. journal of Isfahan Dental school.;6(5);526-532 (Cited by 3) 2011
- **Nourbakhsh N**, Mazaheri R, Talebi A, Sadeghian M .A study on the effectiveness of chlorhexidine 0.2% solution on toothbrush decontamination. journal of Isfahan Dental school .;93-98 2010
- **Nourbakhsh N** , Khoroush M* Sharif S.Shear Bond Strength of Two Self-etch adhesives to Permanent and Deciduous Dentin: Effect of Acid Preconditioning .Shiraz Univ Dent J: 12 (4): 367-3 2011
- **Nourbakhsh N**, Soleimani M, Taghipour Z, Karbalaie KH, Mousavi S. B, Talebi A, et al. Induced in vitro differentiation of neural-like cells from human exfoliated deciduous teeth-derived stem cells. Int.J.Den.Biol.;55 (2): 189-195) (cited by 125) 2011
- **Nourbakhsh N**, Khoroush M* Sharif S. Shear Bond Strength of Two Self-Etch Adhesives to Permanent and Deciduous Dental Enamels: Effect of Acid Preconditioning Journal of Islamic Dental Association of Iran;24(1) (cited by 1) 2012
- **Nourbakhsh N**, Shirani F, Babaei. M *. Effect of phentolamine mesylate on duration of soft tissue local anesthesia in children. J ResPharm Pract;1 (2), 55-59 (Cited 21) 2012

- Aghaei H, Nourbakhsh AA, Karbasi S, Kalbasi R, RafieniaM, **NourbakhshN**, Bonakdar S, Mackenzie K. Investigation on bioactivity and cytotoxicity of mesoporous nanocomposite MCM-P48/hydroxyapatite for ibuprofen drug delivery. *Ceramics International*; 40 (5), 7355-7362 (cited by 51) 2014
- Behnia A, Haghghat A, Talebi A, **Nourbakhsh N**, Heidari F Transplantation of stem cells from human exfoliated deciduous teeth for bone regeneration in the dog mandibular defect. *World J Stem Cells*;6 (4), 505-10 (cited by 31) 2014
- Akhlaghi N, **Nourbakhsh N**, Khademi A*, Karimi.R. General Dental Practitioners' Knowledge about the Emergency Management of Dental Trauma Iranian Endodontic Journal;9 (4), 251 (cited by 39) 2014
- Esmaeili A, Alifarja S, **Nourbakhsh N**, Talebi A. Messenger RNA Expression Patterns of Neurotrophins during Transdifferentiation of Stem Cells from Human Exfoliated Deciduous Teeth into Neural-like Cells. *Avicenna J Med Biotechnol .*; 6 (1), 21-26(cited by 13) 2014
- Kharaziha M, Fathi MH, Edris H, **Nourbakhsh N**, Talebi A., Salmanizadeh S. PCL-forsterite nanocomposite fibrous membranes for controlled release of dexamethasone *Mater Med*; 26 (1):26-36 (Cited by 28) 2015
- Tahririan D, Kaviani N, **NourbakhshN***. Bispectral index scores of pediatric patients under dental treatment and recovery conditions: Study of children assigned for general anesthesia under propofol and isoflurane regimes. *Dental research journal*;13 (1), 63 (cited by 5) 2016
- **Nourbakhsh N**, Talebi A, N Akhlaghi A, Manshaei M, Nazeri R. Comparison of the clinical, radiographic and histological outcomes of pulpotomy of deciduous teeth in dogs with formocresol, gutta perca and mineral trioxide aggregate. *J Pediatric Dent*;4, 1-7 (cited by 2) 2016
- **Nourbakhsh N**, Zare S. Evaluation of awareness, knowledge and attitudes of dental practitioners in Isfahan regarding dental stem cells and their applications in dentistry. *Journal of Isfahan Dental School.* ;12 (3): 337-348 2016
- Lenji KR, Nourbakhsh AA, **Nourbakhsh N**, Nourbakhsh M. Phase formation, microstructure and setting time of MCM-48 mesoporous silica nanocomposites with hydroxyapatite for dental applications: Effect of the Ca/p ratio. *Ceramics International*;43 (15), 12857-12862 (cited by 7) 2017
- **NourbakhshN**, Mosleh H, Ziaei S*, Panahi H. Application of Human Recombinant Bone Morphogenetic Proteins in pulpotomy of primary teeth., *ijdsir*; 2 (4): 26 - 33 2019
- Hajahmadi M , **Nourbakhsh N**, Salehzadeh A, Akhlaghi N, Safi M. Evaluation of parents' knowledge about the stem cells' importance of primary teeth in Isfahan. *SR M Journal of Research in Dental Sciences*;11 (1), 1-5 2020
- Bagheri A, Ebrahimpour S, **Nourbakhsh N**, Talebi S, Esmaeili. A* .Protective effect of quercetin on alteration of antioxidant genes expression and histological changes in the dental pulp of the streptozotocin-diabetic rats *Arch Oral Biol* ;125, 105088 (cited by 1) 2021
- **NosratNourbakhsh***, NasserKaviani, ShirinMarzoughi. Effects of remifentanyl on the recovery quality among healthy pediatric candidates for dental procedures under general anesthesia

- RezaSalari-Moghaddam,
- Sahar Talebi, **Nosrat Nourbakhsh**, Ardeshir Talebi*. Hard Tissue Formation in Pulpotomized Primary teeth with of MCM-48 and MCM-48/hydroxyapatite: An *in vivo* study

Research Projects:

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| • Evaluation of ligation forces on frictional resistance under stimulated intra-oral environmental conditions Research scholar start at: 2006 completed at: 2006 | 2006 |
| • Evaluation of neurotrophic mRNA expression in human stem cells Phase I: Isolation of neurotrophin RNA produced from human dental pulp stem cells. Isfahan University of Medical Sciences-Isfahan-Iran start at: 2007 completed at:2015 | 2015 |
| • Fabrication of new nanocomposite mesoporous MCM- 48 hydroxyapatite with drug delivery potential for dental applications. in hands .start at 2019 | 2019 |
| • Comparative study of FBS and PL culture media in terms of growth and cell life on SHED cells (stem cells from human exfoliated deciduous teeth) in the “Jame” laboratory of Isfahan University of Medical Sciences from the beginning of January 2016 to the end of June. in hands | 2021 |
| • The effect of stem cells - SHED injection on the improvement of ischemic kidney disease in comparison with the control group. Ethical code# IR.MUI.REC. 038 In hands | 2020 |

Oral Presentations:

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| • Iron drops and pediatric dentistry.38 th Annual Scientific Congress and Fifth International Congress of the Iranian Dental Association (Tehran / Iran) | 1998 |
| • Evaluation of serum IgA, IgG and saliva IgA of caries free and Caries-Active individuals- A comparative study; Iranian Journal of Pediatric Dentistry.38 th Annual Scientific Congress and 5th International Congress of the Iranian Dental Association (Tehran / Iran) | 1998 |
| • Evaluation of the relationship between serum immunoglobulin levels and dental caries in people with suspected immunodeficiency.39 th Annual Scientific Congress and 6th International Congress of the Iranian Dental Association (Tehran / Iran) | 1998 |
| • A comparative study of DMFT index in monozygotic and dizygotic twins.40 th Annual Scientific Congress and 7 th International Congress of the Iranian Dental Association (Tehran / | 1999 |
| • study of sedative effects of diazepam as a premedication in behavior management in pediatric dentistry .42 th Scientific Congress and 9th International Congress of the Iranian Dental Association | 2002 |
| • Clinical study of the effect of iron drop consumption on caries of deciduous teeth in 1-4 year-old children.43 th Annual Scientific Congress and 10th International Congress of the Dental Association. Conference Hall of Islamic Countries. (Tehran /Iran) | 2003 |
| • The effect of 0.2% chlorhexidine solution on the microbial contamination of toothbrushes.4 th International Congress of Iranian Association of Pediatric Dentistry. Tehran-Iran | 2005 |

- Comparative Study of Clinical and Microbiological Changes in the Periodontium of Primary Teeth .7th International Congress of Iranian Association of Pediatric Dentistry. Tehran-Iran 2008
- Genetic Toxicity of Common Materials for Pulpotomy of Primary Teeth .9th Annual International Congress of Iranian Association of Pediatric Dentistry. Tehran/Iran. 2010
- Study of bioactivity and cytotoxicity of a new porous nanocomposite biomaterial MCM-48 / HA for ibuprofen drug delivery system. 16th International Conference of Iranian Endodontists Association 2016

 Invited Presentations (keynote speaker):

- Dental care in patients with cleft lip / palate. 2th national conference on cleft lip and palate. Isfahan-Iran 2010 2010
- A review of stem cell studies in dentistry. Symposium on stem cells and dentistry. Isfahan – Iran 2012
- PCR in dentistry. One-day conference on PCR and dentistry. Isfahan/Iran 2012
- Dental Stem Cell Banking. International congress of conservative dentistry. 2014
- Regenerative Therapies by Dental Stem Cells.2th Symposium on Stem Cells and Reconstructive Dentistry in Oral and Maxillofacial Diseases. Tehran-Iran 2016
- Knowledge and attitudes about dental stem cells.2th Symposium of stem cell and regenerative dentistry in oral and craniofacial diseases. Tehran-Iran. 2016
 - The role of stem cells isolated from human deciduous teeth in regenerative dentistry. Symposium on dental pulp regeneration and current and future challenges. Tehran- Iran. 2018
 - Comparing the clinical, Radiographically and Histological Effects of pulpotomy with different materials in dog’s deciduous teeth. The 3rd national festival & International Congress on stem Cell & Regenerative. Tehran-Iran 2018
 - Dental stem cell Banking .18th congress of Iranian Association of pediatric Dentistry. Tehran-Iran. 2019
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Poster Presentations:

- **Nourbakhsh, N** & Hamidinia F. Clinical evaluation of the efficacy of carisolv in caries removal in primary canine teeth. Poster session presented at: 20th International Congress of the International Association of pediatric dentistry; 31 October- 5 November; Sydney/Australia. 2005
 - Ghafournia, M & Khademi A, & **Nourbakhsh N** & rezaeifar M & haratian A. Analysis of a case of dental intrusion with rapid external Progressive Root resorption: Case Report. Poster session presented at: 8th International Congress of Iranian Association of Pediatric Dentistry; July 15-17 Tehran / Iran. 2009
 - **Nourbakhsh N**, Al-Ansari J, Comparison of Spectrophotometric and-ISE Analyses of Fluoride Concentrations in Bottled Water. Poster session presented at :9th World Congress on Preventive Dentistry; September 7-10 Phuket/Thailand 2009
 - **Nourbakhsh, N**, Talebi S, Talebi A. Study of Toxicity of Sodium Fluoride on Stem Cells Obtained from Human Exfoliated Deciduous Teeth. poster presented at :13th International Congress of Iranian Association of Pediatric Dentistry; 6-9 Mashhad/Iran. 2014
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Attendance in congress:

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| • 3 rd International Congress of the Iranian Dental Association. Tehran-Iran. | 1996 |
| • 4 rd International Congress of the Iranian Dental Association. Tehran-Iran. | 1997 |
| • One-day conference on hospital dentistry and the mentally handicapped. Tehran-Iran | |
| • 2 nd International Conference of the Iranian Association of Restorative Dentistry Isfahan-Iran. | 2002 |
| • 3 rd International Conference of the Third Iranian Association of Orthodontists. Tehran-Iran. | 2004 |
| • seminar of flow cytometry. Tehran-Iran. | 2005 |
| • new techniques of surgery in cleft lip and palate. Isfahan-Iran. | 2008 |
| • 8 th congress on reproductive Biomedicine-Tehran- Iran . | 2007 |
| • 1 st national conference on cleft lip and palate. Isfahan-Iran | 2008 |
| • 3 rd on congress stem cell biology & technology. Tehran-Iran. | 2007 |
| • seminar 21 century orthodontic. Tehran- Iran. | 2007 |
| • orthodontic seminar. Emirate. -Dubai. | 2007 |
| • Symposium on the use of mesenchymal stem cells in orthopedics. Tehran-Iran | 2009 |
| • 7 th International Stem Cell Congress. Tehran-Iran | 2011 |
| • 57 th congress of Iranian Dental Association. Tehran-Iran | 2017 |

workshops:

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| • Cardiopulmonary resuscitation workshop for dentists- Congress of Anesthesiology and Intensive Care-Isfahan-Iran | 2000 |
| • Strategic planning, Isfahan University of Medical Sciences –Isfahan Iran - | 2004 |
| • One-day program "Endo Block, Practical Workshop " Continuous training program for Dentists-Shiraz-Iran | 2004 |
| • SPSS-Isfahan-Iran | 2004 |
| • culture and differentiation of mouse embryonic stem cells into neural cells. Isfahan-Iran | 2008 |
| • New techniques of surgery in cleft lip and palate. Isfahan-Iran | |
| • Ethics in Research-Isfahan-Iran | 2008 |
| • EBSCO Dentistry & Oral Sciences Source-Isfahan-Iran | 2009 |
| • EndNote & EndNote Web | 2009 |
| • Scientific writing. Isfahan-Iran | 2010 |
| • MTA Plug. Mashhad- Iran. | 2014 |
| • Questionnaire designing (research method and level 2)-Isfahan-Iran | 2014 |
| • Critical evaluation of articles-Isfahan-Iran | 2015 |
| • Familiarity with how to compile the national standards of Iran and the procedure for writing the compilation in accordance with Standard No. 5-Isfahan-Iran | 2015 |
| • New and advanced methods of evaluating medical students in the fields of cognition, skills and attitudes-Isfahan-Iran | 2017 |
| | 2018 |

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