

Kiana Shekofteh

No 12, 3rd alley, North Ebrahimi St, Ferdos Blvd, Tehran, Iran.

Email: drkiana.shekofteh@gmail.com

Tel: +989155598040 Date of birth: May 16th, 1993

Gender: Female Marital status: Married Nationality: Iranian



Education:

- Ph.D. student of Dental Biomaterials – Tehran University of Medical Sciences (TUMS) – Tehran – Iran, 2017 up to now
 - Thesis under supervision of Dr. Tahereh Sadat Jafarzadeh Kashi entitled “Synthesis and characterization of a zirconium-based Metal Organic Frameworks (MOF) and its effect on physical, mechanical and biological properties of an experimental dental resin composite” Total GPA: 19.37/20
- Doctor of Dental Surgery (D.D.S.) - Mashhad University of Medical Sciences (MUMS)- Mashhad - Iran, 2011 -2017
 - Thesis under supervision of Dr. Hossein Bagheri entitled “Effect of synthetic nano-structured fluorohydroxyapatite (nano-FHA) fillers on the physico-mechanical properties of dental adhesive” , Total GPA: 17.61/20
- Middle and High School graduated in National Organization for Development of Exceptional Talents (NODET), 2004 – 2011

Research interests:

- Smart materials, Nano-structured material, Biomimetic Dentistry, Regenerative dentistry, Stem cells, Drug delivery.

Publications:

- Comparison of the Success Rate of Filled and Unfilled Resin-Based Fissure Sealants: A Systematic Review and Meta-analysis; 2022 Frontiers in Dentistry
- In-vitro bioactivity evaluation and physical properties of an epoxy-based dental sealer reinforced with synthesized fluorine- substituted hydroxyapatite, hydroxyapatite and bioactive glass nanofillers; 2019 Bioactive Materials

- The antibacterial activity of an epoxy resin- based dental sealer containing bioactive glass, hydroxyapatite, Fluorohydroxyapatite nanoparticles against enterococcus faecalis and streptococcus mitis; 2019 Nanomedicine Journal
- Comparative assessment of the crystalline structures of powder and bulk human dental enamel by X-ray diffraction analysis; 2019 Journal of Oral Biosciences
- Resistance to demineralisation of adjacent enamel and dentine, fluoride release and dentine bond strength of fluoride-containing self-etch adhesive systems; 2020 Journal of Clinical and Experimental Dentistry
- Formulation and mechanical characterization of a semi-crystalline nano-fluorine hydroxyapatite-filled dental adhesive, 2018 Journal of the Australian Ceramic Society
- Shear bond strength of molar tubes to enamel using an orthodontic resin-modified glass ionomer cement modified with amorphous calcium phosphate; 2019 Frontiers in dentistry
- Students' Expressed Items Related to Educational Services in Mashhad University of Medical Sciences-Based on SERVAQUAL Model; 2019 Development Strategies in Medical Education

Executive experience and achievements:

- Rank 2nd among candidates, Iranian National “Dental Biomaterials” Ph.D. Entrance Exam based on entrance examination and interview 2017.
- Rank 1st among students of the school of dentistry in Research and Technology Festival, 2016, MUMS, Mashhad, Iran.
- Rank 1st among students of the school of dentistry in 17th National Medical Education (SHAHID MOTAHARI), 2016, MUMS, Mashhad, Iran.
- Director, Student Research Committee, 2016-2017 School of Dentistry, Mashhad, Iran
- Director, Student Advisory Committee, 2015-2016, School of Dentistry, Mashhad, Iran
- Director, Scientific writing committee in Student Research Committee, 2015-2016, MUMS, Mashhad, Iran
- Rank 0.05% Nationwide entrance exam of Iranian universities among 450,000 participants
- Rank 3rd in 21th Iranian Olympiad Exam Preparation of scientific and educational institution (chemistry)

Presentations at scientific meetings:

- Shekofteh K, Bagheri H, Zahabi E. “Effect of synthetic nanostructured fluorohydroxyapatite (nano-FHA) fillers on physico-mechanical properties of dental adhesive” oral presentation, International Student Congress of Biomedical Sciences (ISCOMS), June 8, 2017, Groningen, Netherlands.
- Bagheri H, Moghaddas MJ, Baradaran Naseri E, Borouzinia A, Shekofteh K, Ahmadnejad M. “synthesis and characterization of fluorine-hydroxyapatite filled dental adhesive” poster presentation, 29th symposium and annual meeting of the International Society for Ceramics in Medicine, October 25-27, 2017, Toulouse, France.
- Poster presentation in 13th Annual congress of Iranian Division of International Association (IADR) : New Advances in Enamel Remineralization
- EXCIDA 59 : all things you need to know about choosing the right impression materials and techniques!

Teaching experience:

- Teaching dental materials in Mashhad University of Medical Sciences; 2020 till now
- Teaching dental materials in Pishgaman Parseh since; 2018 till now
- Professional PREZI (presentation software) workshop trainer, Student Research Committee, Nov 2015, MUMS, Mashhad, Iran
- Teaching chemistry as an Olympiad teacher for high school students.2011-2018
 - Teaching experience in 5 main major branches of chemistry: organic chemistry, inorganic chemistry, analytical chemistry, physical chemistry, and biochemistry.

Professional membership:

- Member of scientific committee and referee in the 6th Congress of Post Graduate Students & 2nd Congress of Mashhad University Students,9-10 Mar 2016, Mashhad, Iran.
- Member of 6th National Medical Science Student Olympiad, Sep 2014, Iran University of medical Science, Tehran, Iran. (role of games and artificial intelligence in medical education)
- Member of executive committee in the 1st World Congress On Hypnodontics 28-30 Sep 2016, Mashhad, Iran

- Member of executive committee in the 6th Congress of PhD students and 2nd Congress of Mashhad University of Medical Science Students, Sep 2016, Mashhad, Iran
- Member of executive committee in the 1st International Congress of Dental Traumatic Injuries and 2nd Symposium of Iranian Association Endodontists, 7-9 Oct 2015, Mashhad, Iran
- Member of executive committee for about 20 workshops in the student research committee, 2013-2016, MUMS, Mashhad, Iran
- Member of E-learning development group in medical education, 2014-2015, MUMS, Mashhad, Iran

Certificates and workshops:

- SPSS data analysis, 2017, research training center of Tehran University, Tehran, Iran
- School of industrial drug formulation: 2019, International Institute of New Sciences, Tehran, Iran
- X'pert High Score; 2018, Sharif University of Technology, Tehran, Iran
- PCR & electrophoresis: 2017, school of advanced technologies in medicine, TUMS, Tehran, Iran
- Color Science: 2019, Institute of color science & technology, Tehran, Iran
- Best Evidence Medical Education (BEME), 2015, Faculty of dentistry, MUMS, Mashhad, Iran
- Patent Registration, BuAli Research Center, 4th Aug 2015, Mashhad, Iran
- Advanced research proposal writing, 2015, Student Research Committee, MUMS, Mashhad, Iran
- Scientific Articles Writing and Publishing Methods, 2015, Student Research Committee, MUMS, Mashhad, Iran
- Reference Management (Endnote, Reference manager, Review Manager), 2015, Student Research Committee, MUMS, Mashhad, Iran
- Electronic Recourses and databases, 2015, Student Research Committee, MUMS, Mashhad, Iran
- Introduction to Research and research methods, 2015, Student Research Committee, MUMS, Mashhad, Iran

- Certificate of workshop attendance: (workshop: Quantum physics and hypnosis 28-30 Sep 2016, Mashhad, Iran)
- Certificate of workshop attendance: (Workshop: Fast and effective hypnotic techniques for the management of common dental problems 28-30 Sep 2016, Mashhad, Iran)
- Certificate of attendance the 1st World Congress On Hypnodontics 28-30 Sep 2016, Mashhad, Iran
- Certificate of attendance the 13th International Congress of Iranian Association of Pediatric Dentistry

Publication:

- Hossein Bagheri, Kiana Shekofteh "A comprehensive review of dental materials" Pishgaman Parseh Publication,2018, ISBN: 978-622-6109-29-1
- Hossein Bagheri, Kiana Shekofteh "Textbook of Introduction to dental materials" Pishgaman Parseh Publication,2018, ISBN: 978-622-6109-12-3
- Majid Reza Mokhtari, Kiana Shekofteh, Yegane Khazaei, "Clinical Diagnosis and Treatment Plan in Periodontal diseases", MUMS Publication,2017, ISBN: 978-600-369-075-2
- Kazem shekofteh, Dost Mohammad Samiei, Kiana Shekofteh "Training of Acid-Base Chemistry", ZARIHAFTAB publication,2012 ISBN: 978-964-429-487-7

Languages:

- ✓ Persian (Native), Fluent in English, Intermediate Proficiency in French.

References:

1. Dr. Hossein Bagheri - DDS; Ph.D., Head of Dental Materials Research Center, School of Dentistry; Mashhad University of Medical Sciences, Mashhad, Iran.
BagheriH@mums.ac.ir
2. Dr. Ali Kazemian - DDS; Ph.D., Assistant Professor of Dental Public Health, School of Dentistry; Mashhad University of Medical Sciences, Mashhad, Iran.
KazemianA@mums.ac.ir

