

## Curriculum Vita



### Personal Background:

Family Name: **Heidari**

First Name: **Zahra**

**Title:** Prof.

**Date of Birth:** Des/01/1965

**Place of Birth:** Zahedan, Sistan & Baluchestan

**Nationality:** Iranian

**Marital Status:** Married

**Gender:** Female

### Work Address:

Zahedan University of Medical Sciences (ZAUMS)

Histology Department

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### Educational and Professional Background:

From 2009: Professor of histology and embryology ZAUMS, Zahedan, Iran.

2003-2009: Associate Professor of histology and embryology ZAUMS.

1997-2003: Assistant Professor, Department of histology, ZAUMS.

1993-1997: Ph.D student at Tehran University of Medical Sciences (TUMS).

1992-1993	Lecturer of histology and embryology (ZAUMS)
1990-1992	MSc student of Medical Histology at TUMS
1986-1989	Faculty of Science, Mashhad Ferdowsi University, Mashhad, Iran

### **Employment and Related Professional Activities and Affiliation:**

From 1992	Scientific Staff of Histology Department at ZAUMS, Zahedan, Iran.
From 2007	Head of Histology Department, ZAUMS, Zahedan, Iran.
2014- Present	Editor in Chief of Gene, Cell and Tissue.
2012- Present	Editorial Board member of International Journal of Infection.
2011-Present	Editorial Board member of Biotechnology and Health Sciences.
2011- Present	Member of Research Ethics Committee of ZAUMS.
2009-Present	Editorial Board member of Zahedan Research in Medical Sciences.
2005- Present	Member of Research assessment committee Of ZAUMS.
2006-Present	Member of Infectious Diseases & tropical Med Research Center
2011-Present	Member of Genetic in Non-communicable Diseases Research Center
2010-2012	Member of Promotion Committee of scientific board at ZAUMS.
2002-2003	Deputy of education in Medical school at ZAUMS.
2000-2002	Member of Board certification in Histology in Ministry of Health
2022-	Member of Promotion Committee of scientific board at ZAUMS.

### **Research Interests:**

Histology, Embryology, Genetics, Stereology and Immunohistochemistry in human pathology and experimental animal research

### **Teaching Experiences:**

- 1) General Histology and Embryology for Medical Students.
- 2) General Histology and Embryology for Dental Students.
- 3) Oral Biology and Oral Histology for Dental Students.
- 4) Histology for Paramedical Students.
- 5) Histology and Embryology for Midwifery Students.
- 6) Oral Biology and Oral Histology for Dental Residents.
- 7) Histology for postgraduate students of Anatomical sciences (AS).
- 8) Embryology for postgraduate students of Anatomical sciences.

- 9) Techniques of histopathology for MSc students of AS
- 10) Histology and Stereology for Ph.D. students.
- 11) Immunohistochemistry for Ph.D. students.
- 12) Research methods for Ph.D. students.
- 13) Scientific reporting methods for Ph.D. students.
- 14) General and eye Histology for Optometry Students.

#### Published Articles in English:

- 1) **Heidari Z**, Mahmoudzadeh Sagheb HR, Noori Mugahi MH: A stereological analysis of renal glomeruli following chronic lead intoxication in rat during a continuous period of 8 weeks. *Acta Medica Iranica*: 2002; 40(2).
- 2) **Heidari Z**, Mahmoudzadeh Sagheb HR, Rafighdust H, Moein AA, Noori Mugahi MH. A stereological study of diabetic kidney following administration of different doses of streptozotocin. *DARU*: 2003; 11(3).
- 3) Noori Mugahi MH, **Heidari Z**, Mahmoudzadeh Sagheb HR, Barbarestani M. Effects of Chronic Lead Acetate Intoxication on Blood Indices of Male Adult Rat. *DARU*: 2003; 11(4).
- 4) Mahmoudzadeh Sagheb HR, **Heidari Z**, Noori Mugahi MH. Ultrastructural Study of Neutrophils in Fetal Rat Spleen Following Lead intoxication. *Yakhteh Medical Journal*: 2004; 5(20): 172-7
- 5) Mahmoudzadeh Sagheb HR, **Heidari Z**, Noori Mugahi MH. A Stereological Study of the Effects of Lithium on Morphology of Submandibular Gland. *Pakistan Journal of biological sciences*. 2006;9(4): 746-749.
- 6) **Heidari Z**, Mahmoudzadeh Sagheb HR, Noori Mugahi MH. Morphological Evaluation of Head and Face in 18-25 Years Old Women in Southeast of Iran. *Journal of medical sciences*. 2006; 6(3): 462-466.
- 7) Shahramian I, Mahmoudzadeh Sagheb HR, **Heidari Z**. Volumetry of Brain of Rat Following Methadone and Buprenorphine Administration. *International Journal of Pharmacology*. 2006; 2(2): 253-255.

- 8) **Heidari Z**, Mahmoudzadeh Sagheb HR, Sakhavar N. Breast cancer screening knowledge and practice among women in southeast of Iran. *Acta Medica Iranica* 2008; 46(4): 321-328.
- 9) **Heidari Z**, Mahmoudzadeh Sagheb HR. Burning Mouth syndrome in Zahedan, southeast of Iran. *Tehran Journal of dentistry* 2005; 2(4): 152-158.
- 10) **Heidari Z**, Harati M, Mahmoudzadeh Sagheb HR, Moudi B. Beta cell protective effects of sodium tungstate in streptozotocin-induced diabetic rats: glycemic control, blockage of oxidative stress and beta cell histochemistry. *Iranian Biomedical Journal (IBJ)* 2008; 12 (3): 143-152.
- 11) **Heidari Z**, Harati M, Mahmoudzadeh Sagheb HR, Moudi B. A Quantitative Study of Sodium Tungstate Protective Effect on Pancreatic Beta Cells in Streptozotocin-induced Diabetic Rats. *Micron* 2008; 39: 1300–1305.
- 12) **Heidari Z**, Mahmoudzadeh Sagheb HR, Khammar T, Khammar M. The Anthropometric measurements of external nose in 18-25 years old women in Sistani and Baluch aborigines in southeast of Iran. *Folia Morphologica* 2009; 68(2): 88-92.
- 13) Mahmoudzadeh Sagheb HR, **Heidari Z**, Bokaeian M, Moudi B. Antidiabetic effects of Eucalyptus globulus on pancreatic islets: A stereological study. *Folia Morphologica* 2010; 69(2):1-7.
- 14) Mahmoudzadeh Sagheb HR, **Heidari Z**, Shahraki MR, Moudi B. A Stereological Study of Effects of Aqueous Extract of Tamarindus Indica Seeds on Pancreatic Islets in Streptozotocin-Induced Diabetic Rats. *Pakistan J Phar Sci* 2010; 23:15.
- 15) Iraj Shahramian, **Zahra Heidari\***, Hamidreza Mahmoudzadeh-Sagheb, Abdovahab Moradi, Forough Forghani. Prevalence of HPV Infection and High Risk HPV Genotypes (16, 18), among Monogamous and Polygamous Women, In Zabol, Iran. *Iranian Journal Public Health*, 2011; 40(3): 113-121.
- 16) Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb\*, Farhad Kohan A quantitative and qualitative study of rat testis following administration of methadone and buprenorphine. *Int J High Risk Behav Addict*. 2012; 1(1):12-15.
- 17) Heidari Z, Mahmoudzadeh-Sagheb HR\*. Quantitative Study of Volumetric Changes of Cerebellum in Male Adult Rat Following Lithium Administration. *Int J High Risk Behav Addict*. 2012; 1(2): 66-70.

- 18) Hamidreza Mahmoudzadeh-Sagheb, Zahra Heidari\*, Mahdi Mohammadi. A survey of students' perspectives of open-book examinations in histology/embryology. *Journal of Medical Sciences Education*. 2015; 4(1): 24-30.
- 19) Sanchooli T, Heidari Z, Mahmoudzadeh-Sagheb H, Hashemi M, Rigi-Ladez M. The relationship between interleukin-6 -174 G/C gene polymorphism and chronic periodontitis. *Zahedan J Res Med Sci (ZJRMS)* 2012; 14(3): 13-17.
- 20) Heidari Z, Saberi EA, Mahmoudzadeh-Sageb H, Farhad Mollashahi N, Zadfatah F. Stereological analysis of the dental pulp in patients with advanced periodontitis. *Zahedan J Res Med Sci (ZJRMS)* 2013; 15(7): 44-49.
- 21) Somaieh Solhjoo, Hamidreza Mahmoudzadeh Sagheb, Zahra Heidari, Mohammad Hashemi, Mohammadayub Rigi Ladez. Association between TNF-  $\alpha$  (-308 G→ A) Gene Polymorphism and Chronic Periodontitis. *Zahedan Journal of Research in Medical Sciences*. 2014:
- 22) Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb, Zahra Zakeri, Nahid Nourzaei. Stereological Changes of Human Placenta in systemic Lupus erythmatosus disease compared to healthy controls. *Zahedan J Res Med Sci (ZJRMS)* 2013; 15(7): 50-54.
- 23) Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb\*, Farrokh Lagha Heidari Concept Mapping: A strategy of Meaningful Learning of Histology for Dentistry Students. *Archives Des Sciences*. 2012; 65(12).
- 24) Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb, Mahmoudali Keykhaei, Azam Asemi-rad. Comparison of Cytomorphometric variations of the Buccal Mucosa in Type 2 Diabetic Patients and Normal Individuals Using the Cavalieri's Point Counting Technique. *International Journal of Medical Discovery* 2012; 4(12).
- 25) Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb\*, Mohammadayub Rigi Ladez, Mohsen Taheri, Abdolkarim Moazenni Roodi, Mohammad Hashemi\*. Association of TGF- $\beta$ 1 – 509 C/T, 29 C/T and 788 C/T gene polymorphisms with chronic periodontitis: A case–control study. *Gene* 2013
- 26) Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb, Narjes Dahmardeh\*, Hushang Sanadgol. Cytomorphometric study of oral mucosal exfoliative cells in kidney transplant patients: Its relation to time duration after transplantation and comparison with healthy Controls. *Interdisciplinary Journal of Contemporary Research in Business*. 2012; 4(8).

- 27) Azam Asemi-rad, Zahra Heidari\*, Hamidreza Mahmoudzadeh-Sagheb The relationship between the staining intensity of oral exfoliative cells with periodic acid Schiff and Cytomorphometric indices with fasting blood sugar in type 2 diabetic patients. *Interdisciplinary Journal of Contemporary Research in Business*. 2013; 4(9).
- 28) Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb, Mohammadayub Rigi Ladez, Mohammad Hashemi. Quantitative Analysis of Interdental Gingiva in Chronic Periodontitis patients with TGF- $\beta$ 1 29C/T gene polymorphisms. *J of Periodontology* 2014, Vol. 85, No. 2, Pages 281-289.
- 29) Ramazani N, Ahmadi R, Heidari Z, Hushmandi A. The Effect of Calcium Pre-rinse on Salivary Fluoride after 900 ppm Fluoride Mouthwash: A Randomized Clinical Trial. *Journal of Dentistry, Tehran University of Medical Sciences*. 2013; 10(4): 376- 82.
- 30) Zahra Heidari; Hamidreza Mahmoudzadeh-Sagheb; Mohammad Hashemi; Mohammad Ayub Rigi-Ladiz. Stereological analysis of interdental gingiva in chronic periodontitis patients with Tumor Necrosis Factor-alpha (-308 G/A) gene polymorphisms. *Gene Cell and Tissue*. 2014 April; 1(1): e18315.
- 31) Zahra Heidari. The association between proinflammatory gene polymorphisms and level of gingival tissue degradation in chronic periodontitis. *Gene Cell and Tissue*. 2014 july; 1 (2): e218998.
- 32) Zahra Heidari, Hamidreza Mahmoudzadeh- Sagheb, Azam Asemi Rad, Narjes Dahmardeh. Anthropometric Measurements of the Lips in 18-25-year-old Men of Sistani and Baluch Descent *Bull. Env. Pharmacol. Life Sci.*, Vol 3 [12] November 2014: 139-142.
- 33) Nahid Sakhavar, Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb. Cervical inversion as a novel technique for postpartum hemorrhage management during cesarean delivery for placenta previa accreta/increta. *International Journal of Gynecology and Obstetrics* 128 (2015) 122–125
- 34) Zahra Heidari, Nahid Sakhavar, Hamidreza Mahmoudzadeh-Sagheb, Tahmine Ezazi- Bojnourdi. Stereological Analysis of Human Placenta in Cases of Placenta Previa in Comparison with Normally Implanted Controls. *J Reprod Infertil*. 2015; 16(2):90-95.
- 35) Zahra Heidari, Hamidreza Mahmoudzade Sagheb, Azam Asemi Rad, Mahmoud Ali Keikhaee, Immunocytochemical Study of p53 Protein in Exfoliated Cells of Oral

Mucosa in Patients With Type 2 Diabetes. Gene Cell Tissue. 2015 January; 2(1): e24881.

36) Zahra Heidari, Hamidreza Mahmoudzadeh- Sagheb, Nadia Sheibak. Association between TGF-b1 (-509) C/T gene polymorphism and tissue degradation level in chronic periodontitis: A stereological aspect. Gene Cell and Tissue. 2015july; 2 (3): e318698.

37) Heidari Z, Mahmoudzadeh-Sagheb H, Hashemi M, Ansarimoghaddam S, Sheibak N. Estimation of volume density of interdental papilla components in patients with chronic periodontitis and interleukin-6 (-174G/C) gene polymorphisms. Dent Res J 2016; 13: 139-44.

38) Zahra Heidari, Bita Moudi. Application of Tumor Biomarkers as Screening Tools in Early Detection of Hepatocellular Carcinoma. Gene, Cell and Tissue (2015). 2(4): e33012

39) Maryam Sarbishegi, Zahra Heidari\*, Hamidreza Mahmoudzadeh- Sagheb, Mohharam Valizadeh, Mahboobeh Doostkami. The effects of *Withania coagulans* root extract on CA1 hippocampus neurons following cerebral ischemia in rat. Avicenna J of Phytomedicine. 2016; 6 (4): 399-409.

40) Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb\*, Mohammad Hashemi, Somayeh Ansarimoghaddam, Bita Moudi, Nadia Sheibak. Association between IFN- $\gamma$  +874A/T and IFN- $\gamma$ R1 (-611A/G, +189T/G, and +95C/T) Gene Polymorphisms and Chronic Periodontitis in a Sample of Iranian Population. International Journal of Dentistry. 2015, Article ID 375359.

41) Bita Moudi, Zahra Heidari\*, Hamidreza Mahmoudzadeh-Sagheb, Mohammad Hashemi, Malihe Metanat, Soheila Khosravi, Parisa Farrokh. Association between *IL-10* gene promoter polymorphisms (-592 A/C, -819 T/C, -1082 A/G) and susceptibility to HBV infection in an Iranian population. Hepatitis Monthly 2016; 16(2): e32427.

42) Maryam Sarbishegi, Zahra Heidari\*, Hamidreza Mahmoudzadeh- Sagheb. *Withania Coagulans* Extract Attenuates the Histopathological Alteration and Apoptosis in Rat Brain Cortex Following Ischemia/Reperfusion Injury. Gene, Cell and Tissue 2016; 3(1): e35295

- 43) Zahra Heidari, Bita Moudi\*, Hamidreza Mahmoudzadeh-Sagheb, Mohammad Hashemi. The Correlation between Interferon Lambda 3 Gene Polymorphisms and susceptibility to Hepatitis B Virus Infection. *Hepatitis Monthly* 16 (3): e 34266.
- 44) Zahra Heidari, Nadia Sheibak. Trophoblast Giant Cells, the Prime Suspects of Deficient Placentation Associated With Pregnancy Complications. *Gene, Cell and Tissue* (2016): 3(2): e38516.
- 45) Bita Moudi, Zahra Heidari\*, Hamidreza Mahmoudzadeh-Sagheb, Mohammad Hashemi. Gene Polymorphisms of Macrophage Migration Inhibitory Factor Affect Susceptibility to Chronic Hepatitis B Virus Infection in an Iranian Population. *Microbiol Immunol.* 2016 Apr; 60: 390-96
- 46) Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb, Nadia Sheibak\*, Nahid Nourzaei . Quantitative changes of extravillous trophoblast cells in placentas of systemic lupus erythematosus patients. *J Obstet Gynaecol* 2017;37(6): 746-51.
- 47) Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb, Mahdieh Narouei\*. Quantitative changes of gastric mucosa during carcinogenesis using stereological methods. *JOURNAL OF BUON* 2017; 22 (4): 905-910
- 48) Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb, Enam Alhagh Charkhat Gorgich\*. Immunohistochemical Expression of P16<sup>(ink4a)</sup> in Colorectal Adenocarcinoma Compared to Adenomatous and Normal Tissue Samples: A Study on Southeast Iranian Samples. *Iranian Red Crescent Medical Journal* 2017; 19 (6): e15174.
- 49) Nadia Sheibak, Zahra Heidari\*, Hamidreza Mahmoudzadeh-Sagheb. Quantitative Parameters of Interdental Gingiva in Chronic Periodontitis Patients with IFN- $\gamma$  Gene Polymorphism. *Prague Med Rep* 2017; 118 (1): 37-48.
- 50) Zahra Heidari, Ali Moghtaderi, Hamidreza Mahmoudzadeh-Sagheb\*, Enam Alhagh Charkhat Gorgich. Stereological Evaluation of the Brains in Patients with Parkinson's disease Compared to Controls. *REVISTA ROMANA DE MEDICINA DE LABORATOR* 2017; 25 (3): 265-74.
- 51) Zahra Heidari, Bita Moudi\*, Hamidreza Mahmoudzadeh-Sagheb, Mehnoosh Moudi. The association between interleukin-28B gene polymorphisms as a potential biomarker and the risk of chronic Periodontitis in an Iranian population. *HEAD & FACE MEDICINE* 2017; 13 (16): DOI 10.1186/s13005-017-0148-y



- 52) Heidari Z, Mahmoudzadeh-Sagheb H\*, Hashemi M. Ansarimoghadam S, Nadia Sheibak, Bitamoudi. Association of Macrophage migration inhibitory factor gene polymorphisms with chronic periodontitis in a sample of Iranian population. *Dental Research Journal*. 2017; 14: 395-402.
- 53) Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb and Nadia Sheibak\*. Quantitative changes of extravillous trophoblast cells in heavy smoker mothers compared with healthy controls. *Reproduction, Fertility and Development* 2018, 30(2):409-414.
- 54) Enam Alhagh Charkhat Gorgich, Zahra Heidari\*, Hamidreza Mahmoudzadeh-Sagheb . P16<sup>ink4a</sup> Subcellular Expression Patterns in Colorectal Adenocarcinoma, Adenoma and Non-Neoplastic Tissue Samples. *Asian Pac J Cancer Prev*, 2017; 18 (11), 3049-3054.
- 55) Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb, Mehdi Jahantigh, and Enam Alhagh Charkhat Gorgich. Immunohistochemical Expression of Ki67 and HER2 in Colorectal Cancer Compared to Adenomatous and Normal Samples. *Int J Cancer Manag*. 2017; 10(11):e12252.
- 56) Moudi B, Heidari Z, Mahmoudzadeh-Sagheb H, Moudi M. Analysis of interleukin-10 gene polymorphisms in patients with chronic periodontitis and healthy controls. *Dent Res J* 2018; 15: 71-9.
- 57) Bitamoudi, Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb, Seyed-Moayed Alavian, Kamran B. Lankarani, Parisa Farrokh, Jens Randel Nyengaard. Concomitant use of heat-shock protein 70, glutamine synthetase and glypican-3 is useful in diagnosis of HBV-related hepatocellular carcinoma with higher specificity and sensitivity. *European Journal of Histochemistry* 2018; volume 62:2859: 42-50.
- 58) Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb, Mansour Shakiba, Enam Alhagh Charkhat Gorgich. Stereological Analysis of Brain in Methamphetamine Abusers Compared With the Controls. *Int J High Risk Behav Addict*. 2017; 6 (4) :e63201.
- 59) Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb and Nadia Sheibak\*. Placenta structural changes in heavy smoking mothers: a stereological aspect. Curr Med Res Opin. 2018; 20: 1-5.

- 60) Hamidreza Mahmoudzadeh-Sagheb, Zahra Heidari, Maryam sarbishegi. Withania Coagulans Protects Striatum from Oxidative Damages Induced by Global Brain Ischemia in Rat. *Jundishapur J Nat Pharm Prod*.
- 61) Moudi B, Heidari Z, Mahmoudzadeh-Sagheb H. Study of liver in HBV-related hepatocellular carcinoma: Stereology shows quantitative differences in liver structure. *European Journal of Histochemistry* 2018; volume 62: 2839-46.
- 62) Moudi B, Heidari Z, Mahmoudzadeh-Sagheb H. CCR5, MCP-1 and VDR Gene Polymorphisms Are Associated with the Susceptibility to HBV Infection. *Indian Journal of Clinical Biochemistry*, 2018; 34 (4): 407-17.
- 63) Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb, Asiyeh Hakimi, Bita Moudi. Evaluation of immunohistochemical expression of survivin and its correlation with - 31G/C gene polymorphism in colorectal cancer. *Med Mol Morphol*. 2019; 52 (2):82-89. doi: 10.1007/s00795-018-0204-0.
- 64) Bita Moudi, Zahra Heidari\*, Hamidreza Mahmoudzadeh-Sagheb, Parisa Farrok. The relationship between L-leucine-7-amido-4-methyl coumarin 1 gene polymorphism and susceptibility to the chronic hepatitis B virus infection in an Iranian population. *J Res Med Sci*. 2018; 23 (1): 62. doi: 10.4103/jrms.JRMS\_372\_17. eCollection 2018.
- 65) Bita Moudi, Zahra Heidari\*, Hamidreza Mahmoudzadeh-sagheb. Polymorphisms of BIRC5 Gene is Associated with Chronic HBV Infection in Iranian Population. *Ind J Clin Biochem* 2020; 35 (2): 158-168.
- 66) Maryam Sarbishegi, Hamidreza Mahmoudzadeh-sagheb, Zahra Heidari, Farzaneh Baharvand. The Protective Effect of Celecoxib on CA1 Hippocampal Neurons and Oxidative Stress in a Rat Model of Parkinson's Disease. *Acta Med Iran* 2019; 57(2):94-102.
- 67) Panahi M, Heidari Z, Mahmoudzadeh-Sagheb H, Jahantigh M, Sheibak N. Immunohistochemical evaluation of P53 and Ki67 in biopsy samples of gastritis and gastric cancer patients. *Clin Cancer Investig J* 2019; 8(1): 21-7.
- 68) Heidari Z, Bita Moudi, Mahmoudzadeh-Sagheb H .Immunomodulatory factors gene polymorphisms in chronic periodontitis: an overview. *BMC Oral Health* (2019); 19: 29.
- 69) Bita Moudi, Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb. Meta-analysis and systematic review of prognostic significance of Glypican-3 in patients with hepatitis B-related hepatocellular carcinoma. *VirusDis*. 2019; 30 (2): 193-200.

- 70) Sakhavar N, Heidari Z\*. Nahid & Zahra Head Lifting Maneuver As a Novel Technique for Resolving Shoulder Dystocia. *Ann Reprod Med Treat* 2018; 3(1): 1021.
- 71) Bita Moudi, Hamidreza Mahmoudzadeh \*, Zahra Heidari. Expression of Maspin in HBV-Related Hepatocellular Carcinoma. *Clin Cancer Investig J* 2019; 8(1):1-6.
- 72) Heidari Z, Mahmoudzadeh-Sagheb H, Sheibak N, Panahi M, Jami S. Human epidermal growth factor receptor-2 assessment in cancerous and precancerous lesions of the stomach in presence of *Helicobacter pylori*. *Clin Cancer Investig J*. 2018; 7 (6): 203-9.
- 73) Bita Moudi, Zahra Heidari\*.Organic Cation Transporter 3 (Oct3), a Potential Suppressor for Hepatocellular Carcinoma. *Gene, Cell and Tiss*. 2019; 6(1): e91387.
- 74) Bita Moudi, Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb. The Study of Menin Expression as a Diagnostic Factor in HBV-Related Hepatocellular Carcinoma. *Archives of Clinical Infectious Diseases. Arch Clin Infect Dis*. 2019 December; 14(6):e88188.
- 75)Fatemeh Zakizadeh, Hamidreza Mahmoudzadeh-Sagheb, Azam Asemi-Rad, Marzieh Ghasemi, Bita Moudi, Nadia Sheibak, Zahra Asadikalameh, Zahra Heidari\*. Upregulation of elafin expression in the fallopian tube of ectopic tubal pregnancies compared to the normal tubes. *Journal of Reproductive Immunology* 141 (2020) 103136.
- 76) Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb\*, Ali Moghtaderi, Negar Ramazanpour, Enam Alhagh Charkhat Gorgich. Structural changes in the brain of patients with relapsing-remitting multiple sclerosis compared to controls: a MRI-based stereological study. *Irish Journal of Medical Science* (1971 -). 2020; 189:1421–1427
- 77) Zahra Heidari, Bita Moudi, Hamidreza Mahmoudzadeh-Sagheb. Interferon gamma gene polymorphisms and chronic hepatitis B infections in Iranian population. *Turk J Gastroenterol* 2020; 31(7): 515-21.
- 78) Bita Moudi, Zahra Heidari\*, Hamidreza Mahmoudzadeh-Sagheb. Hepatocyte paraffin 1 and arginase-1 are effective panel of markers in HBV-related HCC diagnosis in fine-needle aspiration specimens. *BMC Research Notes*. 2020; 13: 388

- 79) Somayeh Jahani, Zahra Heidari\* Mehdi Azami, Bita Moudi. Comparison of anti-cancer effects of hydroalcoholic extracts of *Camellia Sinensis* and *Lepidium Sativum* L on HeLa cell line. *Int J cancer Management*. 2020 November; 13(11):e98913.
- 80) Nadia Sheibak, Hamidreza Mahmoudzadeh-Sagheb, Bita Moudi, Zahra Heidari\*. Elevated immunoexpression of interferon-gamma in placenta tissue samples from pregnancies complicated with preeclampsia compared to the placenta previa. *Pregnancy Hypertension: An International Journal of Women's Cardiovascular Health*. 2020; 22: 175-180.
- 81) Zahra Heidari, Hamidreza Mahmoudzadeh-sagheb\*, Maryam Sarbishegi, Enam Alhagh Charkhat Gorgich. Withania coagulans extract attenuates oxidative stress-mediated apoptosis of cerebellar purkinje neurons after ischemia/reperfusion injury. *Metabolic Brain Disease*, 36(7), pp. 1699-1708.
- 82) Moudi, B., Heidari, Z., Asemi-Rad, A., Mahmoudzadeh-sagheb, H., Nadia Sheibak, Ghasemi, M., Eslami, S. Cannabinoid receptor type-1 and its correlation with CB1 gene polymorphism-1359G/A in ectopic pregnancy compared to the control group. *Journal of Obstetrics and Gynaecology Research*, 47(4), pp. 1256-1264
- 83) Heidari, Z., Moudi, B. & Mahmoudzadeh-Sagheb, H. Expression Patterns of p53 and Ki-67 in HBV-Related Hepatocellular Carcinoma: A Quantitative Real-Time PCR and Immunohistochemical Study. *Mol Biol* 55, 338–345 (2021). <https://doi.org/10.1134/S0026893321020229>
- 84) Zahra Heidari<sup>1</sup>, Hamidreza Mahmoudzadeh-Sagheb <sup>\*1</sup>, Mansour Shakiba<sup>2</sup>, Enam Alhagh Charkhat Gorgich. Brain Structural Changes in Schizophrenia Patients Compared to the Control: A MRI-Based Cavalieri's Method. *Basic and clinical neuroscience*. 2023; 14(3); 355-64. <https://doi.org/10.32598/bcn.2021.3481.1>
- 85) Heidari, Z., Moudi, B., Sheibak, N., Asemi-Rad, A., Kheikha, Mahmoudzadeh-Sagheb, H., Ghasemi, M. Interleukin 22 Expression during the Implantation Window in the Endometrium of Women with Unexplained Recurrent Pregnancy Loss and Unexplained Infertility Compared to Healthy Parturient Individuals. *Journal of Interferon and Cytokine Research*, 2021; 41(12): 461-468.
- 86) Nadia Sheibak, Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb\*, Mahdiah Narouei. Reduced volumetric parameters of the placenta and extravillous trophoblastic cells in complicated pregnancies may lead to intrauterine growth

restriction and small for gestational age birth. *Journal of Obstetrics and Gynaecology Research* 2022; 48 (6): 1355-63.

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1- Saeed Nahidi, Alireza Hossein Nezhad, Nasser Fatouraei, **Zahra Heidari**. Numerical investigation of the effects of wall flexibility on the infiltration parameters of a symmetric carotid artery stenosis with a two-layer hyperelastic structure IJBME 2013; 7(2):107-120.

2- Saeed Nahidi, Alireza Hossein Nezhad, Nasser Fatouraei, **Zahra Heidari**. Numerical Investigation of the Effects of the Wall Porosity on the Hemodynamic Parameters of a Stenosed Carotid Artery under Pulsatile Blood Flow Conditions with a two-layer Flexible Wall. IJBME 2012; 6(1):71-76.

3- Mahmoudzadeh-Sagheb H, Heidari Z, Shahraki M. Effects of cold water swim stress on volumetric parameters of adrenal gland in Rats. ZJRMS 2011; 13 (2):44-48

4- Shahramian I, Mahmoudzadeh-Sagheb HR, Heidari Z. Volumetric changes in the kidney of rats following administration of Methadone and Buprenorphine by Cavalier's method. Journal of Birjand University of Medical Sciences. 2009; 16 (2): 18-23.

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13- **Heidari Z**, Mahmoudzadeh Sagheb H, Noori Mugahi M. Effects of administration of different doses of streptozotocin on renal morphometric parameters in rat. *Iranian Journal of Endocrinology and Methabolism*. 2003; 5(3): 165-72.

14- Moiin AA, Heidari Z, Fazel AR. Histochemical Study of Developing Cartilage of the Primordial Vertebrae in Rat Embryo. *Histochemical Study of Developing Cartilage of the Primordial Vertebrae in Rat Embryo*. 2003; 4(14): 127-31.

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**18- Heidari Z**, Mahmoudzadeh Sagheb HR, Noori Mugahi MH. Evaluation of Renal Glomeruli Number Changes in Male Diabetic Rats by Using Stereological Method. *The Cell (Yakhteh)* 2003; 5 (17): 43-7.

#### Papers Presented at Natinal and International conferences:

- 1) Noori Mugahi MH. **Heidari Z.** Histopathologic changes to corn oil 10% in rabbits aortal segment of the cardiovascular system, 20<sup>th</sup> anniversary of the ITA & 8<sup>th</sup> international inhalation symposium (INIS), Hannover Medical School, Germany, June 2001
- 2) Noori Mugahi MH. Sagheb HR. **Heidari Z.** The contribution of CNS malignant tumor among registered malignancies in Imam Khomeini Hospital, 25<sup>th</sup> anniversary international congress of histopathology, Amsterdam, the Netherlands, October 2002
- 3) Noori Mugahi MH. Sagheb HR. **Heidari Z.** A stereological analysis of renal glomeruli following chronic lead intoxication, 25<sup>th</sup> anniversary international congress of histopathology, Amsterdam, the Netherlands, October 2002
- 4) Noori Mugahi MH. **Heidari Z.**, Mahmoudzadeh Sagheb HR. Effects of environmental Lead pollution on Blood Indices of Male Adult Rat. 9<sup>th</sup> international inhalation symposium (INIS), Hannover Germany, June 2003
- 5) Mahmoudzadeh Sagheb HR, **Heidari Z.**, Noori Mugahi MH. Histopathological Changes of the thyroid in male adult Rats Following lithium Administration. Endocrine research Center Tehran. 13<sup>th</sup> Asia-Oceania congress of endocrinology. 2006.
- 6) Mahmoudzadeh Sagheb HR, **Heidari Z.**, Moudi B. A Quantitative Study of sodium Tungstate Protective Effect on Pancreatic Beta Cells in Streptozotocin-induced Diabetic Rats. 5<sup>th</sup> Asian-Pacific International Congress of Anatomy. 8<sup>th</sup> Iranian congress of Anatomy, 16-19 May 2008
- 7) **Heidari Z.**, Mahmoudzadeh Sagheb HR, Shahraki MR, Moudi B. A Stereological Study of Effects of aqueous extract of seed of Tamarindus indica on pancreatic islets in streptozotocin-induced diabetic rats. 5<sup>th</sup> Asian-Pacific International Congress of Anatomy. 8<sup>th</sup> Iranian congress of Anatomy, 16-19 May 2008
- 8) **Heidari Z.**, Mahmoudzadeh Sagheb HR, Moudi B. A Stereological Study of sodium tungstate protective effects on pancreatic beta cells in streptozotocin-induced diabetic rats. The 9<sup>th</sup> Iranian Congress of Biochemistry & the 2<sup>nd</sup> International Congress of Biochemistry and Molecular Biology, Shiraz-Iran, Oct.29-Nov, 1, 2007.



- 9) **Zahra Heidari**, Hamidreza Mahmoudzadeh Sagheb\*, Mohammad Hashemi, Mohammadayub Rigi Ladez, Mohsen Taheri <sup>4</sup>, Abdolkarim Moazenni Roodi. Relationship between TGF-  $\beta$ 1 -509C/T, 29C/T and 788C/T Gene Polymorphisms and Chronic Periodontitis in a Southeast Iranian Population. Immunology in infectious disease Congress. Zahedan University of Medical Sciences. Feb 22-24 2012.
- 10) Saeed Nahidi ,Nasser Fatouraei ,Alireza Hossein Nezhad ,**Zahra Heidari**. "Numerical Investigation of Impermeability of Two Layer Wall on Hemodynamic Parameters in a Pulsatile Blood Flow in Stenotic Artery" , Iranian Conference on Biomedical Engineering (ICBME-90) , Iran (Islamic Republic of) , 14 December2011 \_ 16 December2011
- 11) Saeed Nahidi, Alireza Hossein Nezhad, **Zahra Heidari**, Nasser Fatouraei. "Numerical SIMULATION OF BLOOD FLOW WITHIN THE CAROTID ARTERY USING A POROUS DEFORMABLE WALL" , 13th Annual & 2nd International Fluid Dynamics conference , Iran (Islamic Republic of) , 26 October2010 \_ 28 October2010
- 12) Moghtaderi A, **Heidari Z**, Mahmoudzadeh Sagheb HR, Rohani Z, Ramezanzadeh N. Stereological analyses of brain volumes in multiple sclerosis: A case-control study. 20<sup>th</sup> congress of neurology & Electrophysiology of Iran. 30 April-3 May 2013. Ir J neurol 2013; 12(Suppl): 12
- 13) Moghtaderi A, **Heidari Z**, Mahmoudzadeh Sagheb HR, Rohani Z, Noori S. Stereological analyses of brain volumes in Parkinson disease: A case-control study. 20<sup>th</sup> congress of neurology & Electrophysiology of Iran. 30 April-3 May 2013. Ir J neurol 2013; 12(Suppl): 12
- 14) Zahra Heidari, Hamidreza Mahmoudzadeh -Sagheb, Mahmoodali Keikhaei<sup>2</sup>, Azam Asemi Rad. Comparison of Cytomorphometric changes of the Buccal Mucosa in Type 2 Diabetic Patients and Normal Individuals Using the Cavalieri's Point Counting Technique. Congress on endocrinology and metabolism updates (pediatrics & Adults) 5 The Diabetes updates congress 23-25 october2013.
- 15) Sakhavar, Zahra Heidari\*, Hamidreza Mahmoudzadeh-Sagheb .Cervical inversion as a novel technique for postpartum hemorrhage management during cesarean delivery for placenta previa accreta/increta. Zahedan, 2014
- 16) Bitia Moudi, Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb, Mohammad Hashemi, Malihe Metanat, Soheila Khosravi, Parisa Farrokh. Association between

- IL-10* gene promoter polymorphisms (-592 A/C, -819 T/C, -1082 A/G) and susceptibility to HBV infection in an Iranian population. The 8<sup>th</sup> International congress of laboratory and clinic and 1<sup>st</sup> national congress on medical basic sciences and knowledge- based production. 2016 6-8 Feb. Tehran, Iran.
- 17) Zahra Heidari, Bita Moudi, Hamidreza Mahmoudzadeh-Sagheb, Mohammad Hashemi. The Correlation between Interleukin-28B Gene Polymorphisms (rs12979860C/T and rs8099917G/T) and susceptibility to Hepatitis B Virus Infection. The 8<sup>th</sup> International congress of laboratory and clinic and 1<sup>st</sup> national congress on medical basic sciences and knowledge- based production. 2016 6-8 Feb. Tehran, Iran.
  - 18) Zahra Heidari, Hamidreza Mahmoudzadeh- Sagheb, Nadia Sheibak. Association between TGF-b1 (-509) C/T gene polymorphism and tissue degradation level in chronic periodontitis: A stereological study. The 8<sup>th</sup> International congress of laboratory and clinic and 1<sup>st</sup> national congress on medical basic sciences and knowledge- based production. 2016 6-8 Feb. Tehran, Iran.
  - 19) Zahra Heidari, Hamidreza Mahmoudzadeh- Sagheb, Nadia Sheibak. Association of IFN-gamma+874 A/T gene polymorphism and quantitative parameters of interdental gingiva in patients with chronic periodontitis. The 12<sup>th</sup> Iranian congress on Anatomical Sciences. May 4-6, 2016. Shahid Beheshti University of Medical Sciences, Tehran, Iran.
  - 20) Zahra Heidari, Hamidreza Mahmoudzadeh- Sagheb, Nadia Sheibak. Immunohistochemical expression of myeloperoxidase in placental samples of systemic lupus erythematosus pregnancies. The 2<sup>th</sup> international congress on reproduction. ISERB 2016. J Reprod Infertil. 2016: 17(suppl 2): 118.
  - 21) Zahra Heidari, Bit a Moudi, Hamidreza Mahmoudzadeh-Sagheb, Mohammad Hashemi. The Correlation between Interleukin-28B Gene Polymorphisms (rs12979860C/T and rs8099917G/T) and susceptibility to Hepatitis B Virus Infection. The 2<sup>th</sup> International and 14<sup>th</sup> Iranian congress Genetics Congress. 2016, 21-3 May. Shahid Beheshti University, Tehran, Iran.
  - 22) Bit a Moudi, Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb, Mohammad Hashemi, Malihe Metanat, Soheila Khosravi, Parisa Farrokh. Association between *IL-10* gene promoter polymorphisms (-592 A/C, -819 T/C, -1082 A/G) and

- susceptibility to HBV infection in an Iranian population. The 2<sup>th</sup> International and 14<sup>th</sup> Iranian congress Genetics Congress. 2016, 21-3 May. Shahid Beheshti University, Tehran, Iran.
- 23) Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb, Mohammad Hashemi, Somayeh Ansarimoghaddam, Bita Moudi, Nadia Sheibak. Association between IFN- $\gamma$  +874A/T and IFN- $\gamma$ R1 (-611A/G, +189T/G, and +95C/T) Gene Polymorphisms and Chronic Periodontitis in a Sample of Iranian Population. The 2<sup>th</sup> International and 14<sup>th</sup> Iranian congress Genetics Congress. 2016, 21-3 May. Shahid Beheshti University, Tehran, Iran.
  - 24) Bita Moudi, Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb, Mohammad Hashemi. Association between Macrophage migration inhibitory factor gene polymorphisms and susceptibility to HBV infection in an Iranian population. The 2<sup>th</sup> International and 14<sup>th</sup> Iranian congress Genetics Congress. 2016, 21-3 May. Shahid Beheshti University, Tehran, Iran.
  - 25) Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb, Mohammad Hashemi, Somayeh Ansarimoghaddam, Bita Moudi, Nadia Sheibak. Association between Macrophage migration inhibitory factor gene polymorphisms and chronic periodontitis in an Iranian population. The 2<sup>th</sup> International and 14<sup>th</sup> Iranian congress Genetics Congress. 2016, 21-3 May. Shahid Beheshti University, Tehran, Iran.
  - 26) Bita Moudi, Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb. O35 EXPRESSION PATTERN OF P53 AND KI-67 IN HBV-RELATED HEPATOCELLULAR CARCINOMA: A QUANTITATIVE REAL-TIME PCR AND IMMUNOHISTOCHEMICAL STUDY. 7th Tehran Hepatitis Conference. September 2017
  - 27) Bita Moudi, Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb. E36 COMBINED USE OF HEAT-SHOCK PROTEIN 70, GLYPICAN-3 AND GLUTAMINE SYNTHETASE IN DIAGNOSIS OF HBV-RELATED HCC 7th Tehran Hepatitis Conference. September 2017
  - 28) Bita Moudi, Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb. P37 IMPACT OF HOST GENE POLYMORPHISMS ON SUSCEPTIBILITY TO CHRONIC HEPATITIS B VIRUS INFECTION. 7th Tehran Hepatitis Conference. September 2017
  - 29) Bita Moudi, Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb. P38 CCR5, MCP-1 AND VDR GENE POLYMORPHISMS ARE ASSOCIATED WITH THE SUSCEPTIBILITY TO HBV INFECTION. 7th Tehran Hepatitis Conference. September 2017
  - 30) Bita Moudi, Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb. P39 THE RELATIONSHIP BETWEEN LAMC1 GENE POLYMORPHISM AND SUSCEPTIBILITY TO THE CHRONIC HEPATITIS B VIRUS INFECTION

- IN AN IRANIAN POPULATION. 7th Tehran Hepatitis Conference. September 2017
- 31) Bitā Moudi, Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb. P40 POLYMORPHISMS OF SURVIVIN GENE AND ITS PROTEIN EXPRESSION ARE ASSOCIATED WITH CHRONIC HBV INFECTION IN IRANIAN POPULATION. 7th Tehran Hepatitis Conference. September 2017
  - 32) Bitā Moudi, Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb. P41 ASSOCIATION OF TNF- $\alpha$  GENE POLYMORPHISMS WITH THE OUTCOMES OF CHRONIC HEPATITIS B INFECTION IN IRANIAN POPULATION: LOOKING AT THE PROTEIN LEVEL. 7th Tehran Hepatitis Conference. September 2017
  - 33) Bitā Moudi, Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb. P42 INTERFERON GAMMA GENE POLYMORPHISMS AND CHRONIC HEPATITIS B INFECTIONS IN AN IRANIAN POPULATION. 7th Tehran Hepatitis Conference. September 2017
  - 34) Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb, Nadia Sheibak, Nahid Nourzaei. Quantitative changes of extravillous trophoblast cells in placenta of systemic lupus erythematosus patients. Third international congress. 3rd International Congress on Reproduction & 2nd International Congress on Reproductive Health and Childbearing Information. 2017. Tehran. Iran
  - 35) Heidari, Zahra; Hamidreza Mahmoudzadeh-Sagheb; Asiyeh Hakimi & Bitā Moudi, 1397, Evaluation of immunohistochemical expression of Survivin and its correlation with -31G/C gene polymorphism in colorectal cancer, 4th International Congress of Gastrointestinal Cancer, Shohadaye Tajrish Hospital Cancer Research Center, Tehran, [https://www.civilica.com/Paper-CANCERMED04-CANCERMED04\\_033.html](https://www.civilica.com/Paper-CANCERMED04-CANCERMED04_033.html)
  - 36) Nasim Naeimi, Homa Mohseni Kouchesfahani, Zahra Heidari, Hamidreza Mahmoudzadeh-Sagheb. Application of genetic and epigenetic biomarkers in non-invasive diagnosis of male infertility. 2nd National Conference on New Biological Findings, University of Sistan and Baluchestan, March 2021.
  - 37) Bitā Moudi, Zahra Heidari, Azam Asemi-Rad, Hamidreza Mahmoudzadeh-Sagheb. mRNA expression and epigenetic-based role of Chromodomain helicase DNA-binding 5 in hepatocellular carcinoma. 13<sup>th</sup> International Congress of Medical laboratory and Clinic. 5-9 February 2022, Tehran. Iran.
  - 38)

**Supervisor and Advisor of Thesis in Medicine and dental Students , MSc and Residency:**

- 1- Study of Some Cell Growth and Apoptosis Biomarkers and Histomorphology of the Liver for the Detection of HBV-Related Hepatocellular Carcinoma: An Immunohistochemical Study, Stereology, QRT-PCR, and Electron Microscopy. July 2019( Ph.D thesis)
- 2- Evaluation of Immunohistochemical Expression of Survivin in Biopsy Samples of Patients with Chronic gastritis, Intestinal metaplasia, Dysplasia and Gastric Adenocarcinoma. September 2019.
- 3- Evaluation of MicroRNA-21 Expression in Formalin Fixed Paraffin Embedded Samples of Chronic gastritis, Intestinal metaplasia, Dysplasia and Gastric Adenocarcinoma. September 2019.
- 4- Evaluation of immunohistochemical expression of Survivin and its correlation with -31 G/C gene polymorphism in colorectal cancer. January 2018.
- 5- Evaluation of immunohistochemical expression of Survivin and its correlation with -31 G/C gene polymorphism in colorectal cancer. 2018.
- 6- Evaluation of Protective Effects of Celecoxib on Histopathological Changes of Hippocampus Region CA1and Oxidative Stress in a Male rat Model of Parkinson's Disease. 2017.
- 7- Immunohistochemical Evaluation of Human Epidermal Growth Factor Receptor 2 (HER2), P16 and Ki67 in Biopsy Samples of Colorectal Cancer.2016.
- 8- Histopathological and Immunohistochemical Evaluation of P53 and Ki-67 in Biopsy Samples of Patients with Intestinal Metaplasia, Dysplasia and Gastric Adenocarcinoma with H. pylori Infection and without it. 2016.
- 9- Study of cell growth and apoptosis biomarkers and histomorphology of the liver for the detection of HBV-related hepatocellular carcinoma: An immunohistochemical study, Stereology, QRT-PCR, and electron microscopy. 2015
- 10- The neuroprotective effects of Withania coagulant root extract on antioxidant system and striatum cells in global reperfusion ischemia in male rats. 2015

- 11- Neuroprotective and antioxidant effect of Withania Coagulans root extract on reduction of cerebellar injuries of rat cerebellum in global cerebral ischemia. 2015
- 12- Stereological & immunohistochemical study of interdental gingiva in chronic periodontitis patients with IFN- $\gamma$ (+874 T/A) rs62559044 polymorphism. 2015
- 13- The neuroprotective effects of Withania coagulant root extract on antioxidant system and CA1 hippocampus cells in global reperfusion ischemia in male rats. 2015
- 14- Histopathological and immunohistochemical evaluation of P53 and Ki-67 in biopsy samples of patients with intestinal metaplasia, dysplasia and gastric adenocarcinoma with H. pylori infection and without it .2014
- 15- Stereological indexes of human placenta in placenta previa versus normal situation of placenta. 2014
- 16- Cytomorphological analysis of trophoblast giant cells in prelamptic women in comparison with healthy controls. 2013
- 17- Effects of Gestational Diabetes Mellitus on Stereological Parameters of Human Placenta. 2013
- 18- Stereological parameters in placenta of mothers with IUGR. 2013
- 19- Stereological evaluation of the dental pulp in patients with advanced periodontitis. 2012
- 20- Stereological study of interdental gingival connective tissue Changes in chronic periodontitis patients with TNF alpha (-308 G/A) polymorphism. 2012
- 21- Quantitative assessment of gingival tissue component alterations in chronic periodontitis patients with interleukin in-6 gen polymorphism at position-174(G/C). 2012
- 22- Stereological parameters changes in placenta of Lupus erythematosus mothers compared to healthy controls.2012
- 23- The comparison of efficacy of honey orabase and topical corticosteroid in the management of recurrent minor aphthous ulceration. 2012
- 24- Stereological Evaluation of Schizophrenic's Brain MRI in comparison to healthy individuals. 2012
- 25- Stereological Changes of Brain in Relapsing Remitting Multiple Sclerosis patients in comparison to healthy controls. 2012

- 26- Evaluation of Stereological changes of Magnetic Resonance Imaging of Brain in Parkinson patients in comparison with Healthy controls. 2012
- 27- Stereological Changes of Brain in Methamphetamine Abusers in comparison to healthy controls. 2012
- 28- Effects of Iron Deficiency Anemia on Stereological Parameters of Human Placenta. 2011
- 29- Effects of preeclampsia on stereological parameters of human placenta. 2011
- 30- Stereological analysis of histopathological parameters of uterine myomas during pre and post menopause periods 2014
- 31- Anthropometric measurements of the lip in 18-25-year-old Sistani and Baluch aborigine women and men. 2014
- 32- Protective effects of sodium tungstate and food restriction on glycemic control and protection of pancreatic beta cells in streptozotocin-induced diabetic rats. 2007
- 33- Histopathological Changes of Thyroid in Male Adult Rat Following Lithium Administration. 2005
- 34- Evaluating changes of brain volume in male rats following methadone and buprenorphine administration. 2004
- 35- A quantitative and qualitative study of rat testis following administration of methadone and buprenorphine. 2004
- 36- ...

### Editing of books

1. HR Mahmoudzadeh Sagheb, Z Heidari. Complete Review of Human Histology. Artin Teb Novin Press. Second Edition 2021.
2. Iraj Shahramian, Zahra Heidari, Hamidreza Mahmoudzadeh Sagheb, et al. Liver cirrhosis in pediatrics. Zabol University of Medical Sciences. Artin teb press. 2018.
3. Zahra Heidari, Hamidreza Mahmoudzadeh Sagheb. Development and Histology of Tooth and Mouth. Shayan Nemoodar, 2018.
4. HR Mahmoudzadeh Sagheb, Z Heidari. Complete Review of Human Histology. Artin Teb Novin Press. 2016

5. HR Mahmoudzadeh Sagheb, Z Heidari, MH Noori Mugahi. Histology Lectures, An E-Book for Lecturers and Medical Students. Published by Zahedan Medical Sciences University 2004.
6. HR Mahmoudzadeh Sagheb, Z Heidari. Cell and General Clinical Histology. Sokhangostar, 2012.
7. Hamidreza Mahmoudzadeh Sagheb, Zahra Heidari. System's Histology. Sokhangostar, 2014.
8. Zahra Heidari, Hamidreza Mahmoudzadeh Sagheb. Development and Histology of Tooth and Mouth. Shayan Nemoodar, 2013.
9. Noori SM, Mahmmoudzadeh-Sagheb HR, Heidari Z. [Applied methods and terminology of histotechnique, stereology and morophology] Persian. 4th ed. Tehran: Tehan University of Medical Sciences Press; 2023.
10. Noori SM, Mahmmoudzadeh-Sagheb HR, Heidari Z. [Applied methods and terminology of histotechnique, stereology and morophology] Persian. 4th ed. Tehran: Tehan University of Medical Sciences Press; 2013
11. Noori SM, Mahmmoudzadeh-Sagheb HR, Heidari Z. [Applied methods and terminology of histotechnique, stereology and morophology] Persian. 3rd ed. Tehran: Tehan University of Medical Sciences Press; 2009
12. Noori SM, Mahmmoudzadeh-Sagheb HR, Heidari Z. [Applied methods and terminology of histotechnique, stereology and morophology] Persian. Second ed. Tehran: Tehan University of Medical Sciences Press; 2005
13. Noori SM, Mahmmoudzadeh-Sagheb HR, Heidari Z. [Applied methods and terminology of histotechnique, stereology and morophology] Persian. 1st ed. Tehran: Tehan University of Medical Sciences Press; 2003.
- 14-Noori SM, Mahmmoudzadeh-Sagheb HR, Heidari Z. [Applied methods and terminology of histotechnique, stereology and morophology] Persian. 5th ed. Tehran: Tehan University of Medical Sciences Press; 2023.
- 15-Zahra Heidari, Hamidreza Mahmoudzadeh Sagheb. Development and Histology of Tooth and Mouth. Shayan Nemoodar, second Edition. 2023.

#### Attendance workshops:

Workshop of Research Ethics, 2021, Zahedan, Iran.

Workshop of Empowering of Ethics Committee Members. 2015, Kerman, Iran.



Workshop of Research Ethics, 2014, Zahedan, Iran.

Medical Journalism, Kowsar Medical corporation, 2014, Zahedan, Iran.

Workshop of Advance Writing 2010 Zahedan, Iran.

Workshop of EndNote 2010 Zahedan, Iran.

Workshop of education in research, Zahedan,Iran 2009.

Workshop of New Medical educational routes, 2008 Zahedan, Iran.

Workshop of Peer Review , 2005 Zahedan, Iran.

Workshop of Scientific writing, 2001 Zahedan, Iran.

Workshop of CV writing, 2001 Zahedan, Iran.

Workshop of questionnaire designing, 2001 Zahedan, Iran.

Workshop of routes of data extraction from English articles, 2001 Zahedan, Iran.

Workshop of Medical Education, April 2000, Zahedan, Iran.

Workshop of Internal Assessment, January 2000, Zahedn, Iran.

#### Awards:

- 1- Top Researcher of University of ZAUMS in 2019
- 2- Top Researcher of University of ZAUMS in 2018
- 3- Top Researcher of University of ZAUMS in 2017
- 4- Top Researcher of Medical School of ZAUMS in 2016.
- 5- Adopted Top woman of Iran in 2010 and get award from President of IR Iran.
- 6- Top Researcher of Medical School of ZAUMS in 2015.
- 7- Top Researcher of Medical School of ZAUMS in 2014.
- 8- Top Researcher of University of ZAUMS in 2013.
- 9- Top Researcher of Medical School of ZAUMS in 2011.
- 10- Top Researcher of Medical School of ZAUMS in 2010.
- 11- Top Researcher of University of ZAUMS in 2009.
- 12- Top Researcher of Medical School of ZAUMS in 2008.
- 13- Province First Female Professor in 2008
- 14- Province First Female Associate Professor in 2003

- 15- Award of the Educational Deputy of the Ministry of Health for Virtual microscopy project in ZAUMS 2010.
- 16- Award of the Educational Deputy of the Ministry of Health for Open book examination project in ZAUMS 2010.
- 17- Top Master of ZAUMS in 2013, 2011, 2010, 2009, 2008.

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