

## **Curriculums vitae of Dr Hamid Hakimi MD PhD- Associate Professor - 1404**



### **Personal Information**

Name: Hamid

Surname: Hakimi

Local address: Imam Ali Blvd, Rafsanjan University of Medical Sciences (RUMS)

E-mail address: hamid.hakimi@gmail.com

1986-1993, MD, Esfahan University of Medical Sciences

2000-2005, PhD from Sheffield University, UK;

Title of PhD: The Interaction of Lipopolysaccharide with Human Spermatozoa: Particular Relevance to Chlamydia trachomatis

Academic Rank: Associate professor

1993-2000:

Manager of five Health and treatment centers

Manager of Family Planning

Director of Emergency centre

Manager of Treatment of Undersecretary of Treatment

Membership of Rafsanjan Medical Council for 4 years

2005-2007:

General Manager of Education

Membership in a number of councils and committees including University Council and Education Council.

Taking a 4-month course titled Assisted Reproductive Techniques (ART) at the Avesina Research Centre-Tehran

2007 till now: Academic member of Rafsanjan University of Medical Sciences

2013 – 2017: Vice-chancellor for education and research affairs at Rafsanjan University of Medical Sciences

2014 for 3 years : Member of the Board of General Medicine/ MOHME

2015 till now: Member of a 4-person team, principle investigators of Rafsanjan Cohort Studies, working on 6 cohort studies regarding non-communicable diseases, eye diseases, oral and dental diseases, maternal and infantile diseases, and occupational diseases.

### **Publications and presentations and Abstracts**

#### **• English papers**

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- 4- Hakimi H, Geary I, Pacey A, Eley A.J Androl. Spermicidal activity of bacterial lipopolysaccharide is only partly due to lipid A. 2006 Nov-Dec;27(6):774-9. Epub 2006 Jun 28
- 5- Beatriz MM, Hakimi H and Eley A. Apoptotic effect on HeLa Cells produced by Chlamydia trachomatis-LPS. Revista Kasmera;2007, Vol. 35 Issue 1
- 6- Nosratabadi R, Arababadi MK, Hassanshahi G, Yaghini N, Pooladvand V, Shamsizadeh A, Zarandi ER, Hakimi H . Evaluation of IFN-gamma serum level in nephropathic type 2 diabetic patients. Pak J Biol Sci. 2009 May 1;12(9):746-9.
- 7- Sadeghi M, Hakimi H. Iranian dental students' knowledge of and attitudes towards HIV/AIDS patients. J Dent Educ. 2009 Jun;73(6):740-5.
- 8- Asadi Karam G, Hakimi H, Rezaeian M, Gafarzadeh A, Rashidinejad H, Khaksari M Thyroid function in mothers who gave birth to neonates with transient congenital hypothyroidism.. Pak J Med Sci. 2009 Vol. 25 No. 4 568-572
- 9- Arababadi MK, Nosratabadi R, Hassanshahi G, Yaghini N, Pooladvand V, Shamsizadeh A, Hakimi H, Derakhshan R Nephropathic complication of type-2 diabetes is following pattern of autoimmune diseases? Diabetes Res Clin Pract. 2010 Jan;87(1):33-7.
- 10- Eftekhari Y, Kazemi Arababadi M, Hakimi H, Rezazadeh Zarandi E Common HBV genotype in southeastern Iranian patients. Arch Iran Med. 2010 Mar;13(2):147-9.
- 11- Arababadi MK, Abousaidi H, Hassanshahi G, Pourfathollah AK, Daneshmandi S, Akbarpour V, Hakimi H, Kennedy D Polymorphisms within Exon 9, But Not Intron 8, of the Vitamin D Receptor Gene Are Associated with Asthma..Iranian Journal of Basic Medical Sciences, 2011, Vol. 14, No. 3, 225-230
- 12- Hassanshahi G, Arababadi MK, Assar S, Hakimi H, Karimabad MN, Abedinzadeh M, Rafatpanah H, Derakhshan R Post-transfusion-transmitted hepatitis C virus infection: a study on thalassemia and hemodialysis patients in southeastern Iran. Arch Virol. 2011 Jul;156(7):1111-5.
- 13- Hakimizadeh E, Arababadi MK, Hassanshahi G, Ahmadabadi BN, Hakimi H ((corresponding author)), Rezaeian M, Salehabadi VA, Yousefidaredor H, Abousaidi H, Kennedy D Association of -592 region of IL-10 polymorphisms with asthma in south-eastern Iranian patients. Clin Lab. 2012;58(3-4):267-71.
- 14- R Mosavi, MK Arababadi, G Hassanshahi, H Azin, M Araste, Association of a Polymorphism Within Intron 8 But Not Exon 9 of the Vitamin D Receptor in Patients With Multiple Sclerosis of Southeastern Iranian Ethnicity. Laboratory Medicine.2013; 44 (3), 215-219
- 15- Hakimi H, Akhondi MM, Sadeghi MR, Chamani L, Arababadi MK, Ahmadabadi BN, Hassanshahi G, Fathollahi MS Seminal levels of IL-10, IL-12, and IL-17 in men with asymptomatic chlamydia infection.. Inflammation. 2014 Feb;37(1):122-6.

- 16- Hakimi H, Zare-Bidaki M, Zainodini N, Assar S, Arababadi MK . Significant roles played by IL-10 in Chlamydia infections.. Inflammation. 2014 Jun;37(3):818-23.
- 17- Azam ASKARI, Hamid Hakimi, Nasiri Behzad Ahmadabadi, Gholamhossein HASSANSHAH, Mohammad KAZEMI ARABABADI. Prevalence of Hepatitis B Co-Infection among HIV Positive Patients. Iranian Journal of Public Health 2014. 43(6):705-712.
- 18- Zare-Bidaki M, Hakimi H, Abdollahi SH, Zainodini N, Arababadi MK, Kennedy D. TLR4 in Toxoplasmosis; friends or foe? Microb Pathog. 2014 Apr-May;69-70:28-32.
- 19- Hassan Yousefidaredor, Mohammad Zare-Bidaki, Hamid Hakimi, Shokrollah Assar, Vahid Bagheri, Mohammad Kazemi Arababadi\*. IL-17A plays an important role in induction of type 2 diabetes and its complications. Asian Pac J Trop Dis 2014; 4(5): 412-415
- 20- Hamid Hakimi <sup>1</sup> ; Nahid Zainodini <sup>1</sup> ; Hossein Khorramdelazad <sup>2</sup> ; Mohammad Kazemi Arababadi <sup>1</sup> ; and Gholamhossein Hassanshahi. Seminal Levels of Pro-inflammatory (CXCL1, CXCL9, CXCL10) and Homeostatic (CXCL12) Chemokines in Men With Asymptomatic *Chlamydia trachomatis* Infection. <sup>2,\*</sup> Jundishapur J Microbiol. 2014 December; 7(12): e11152.
- 21- Mostafa Sadeghi a, Abdolrahim Davari b, Amin Abolghasami Mahani c, Hamid Hakimi Influence of Different Power Outputs of Er:YAG Laser on Shear Bond Strengthof a Resin Composite to Feldspathic Porcelain. . d *J Dent Shiraz Univ Med Sci., March 2015; 16(1): 30-36.*
- 22- Masoud Mobini, M.S.....<sup>1</sup> Hamid Hakimi, Ph.D.,<sup>1</sup> Khodayar Ghorban, Ph.D.,<sup>4</sup> Maryam Dadmanesh, M.D.,<sup>5</sup> Vahid Ehsani, M.SC.,<sup>1</sup> and Mohammad Kazemi Arababadi, Ph. Association of cord blood levels of IL-17A, but not TGF-β with pre-term neonate. *Iran J Reprod Med. 2015 Jun; 13(6): 345–350*
- 23- Javad Fathalizadeh,<sup>1</sup> Hanieh Fathalizadeh,<sup>2</sup> Mohammadreza Mirzabeigi,<sup>1,3</sup> Hamid Hakimi,<sup>1,4</sup> and Mohammad Kazemi Arababadi. The Role of Interleukin-17A (IL-17A) in Depression. *Iran Red Crescent Med J. 2016 December; 18(12):e24972.*
- 24-Zare-Bidaki M, Assar S, Hakimi H, Abdollahi SH, Nosratabadi R, Kennedy D, Arababadi MK. TGF-β in Toxoplasmosis: Friend or foe? Cytokine. Volume 86, October 2016, Pages 29-35
- 25- Reza Nosratababadi <sup>1</sup>, Vahid Bagheri <sup>2</sup>, Mohammad Zare-Bidaki <sup>3</sup>, Hamid Hakimi <sup>3</sup>, Nahid Zainodini <sup>3</sup>, Mohammad Kazemi Arababadi . Toll like receptor 4: an important molecule in recognition and induction of appropriate immune responses against Chlamydia infection. *Comp Immunol Microbiol Infect Dis. 2017 Apr;51:27-33.*
- 26- Eghtesad S, Mohammadi Z,....., Hakimi H, Rahimi Kazerooni S, Cheraghian B, Ahmadi A, Nejatizadeh A, Mohebbi I, Pourfarzi F, Roozafzai F, Motamed-Gorji N, Montazeri SA, Masoudi S, Amin-Esmaeli M, Danaie N, Mirhafez SR, Hashemi H, Poustchi H, Malekzadeh The PERSIAN Cohort: Providing the Evidence Needed for Healthcare Reform. Arch Iran Med. 2017 Nov 1;20(11):691-695.
- 27- H Hakimi, ER Zarandi, S Assar, O Rezahosseini, S Assar, Nobel prizes in physiology or medicine with an emphasize on bacteriology. *Journal of Medical Bacteriology .J Med Bacteriol. Vol. 8, No. 3, 4 (2019): pp.49-57*
- ۲۸- M Ramezani, H Hakimi, N Zainodini, A Rahnama, A Sayadi. Survey on the prevalence of Chlamydia trachomatis and Neisseria gonorrhoeae infections and their possible effects on seminal quality in infertile men. International Journal of Infection: Vol.6, issue 4; 2020 e101243

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33.Fatemeh Mehrabi <sup>a b</sup>, Maryam Mohamadi <sup>c</sup>, Ali Mostafavi <sup>a</sup>, Hamid Hakimi <sup>d e</sup>, Tayebeh ShamspurMagnetic solid phase extraction based on PVA - TEOS / grafted Fe<sub>3</sub>O<sub>4</sub>@SiO<sub>2</sub> magnetic nanofibers for analysis of sulfamethoxazole and trimethoprim in water samples. Journal of Solid State Chemistry. Volume 292, December 2020, 121716 33-

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37- Maria LC Iurilli, Bin Zhou, James E Bennett,.....Hamid. Hakimi.....Heterogeneous contributions of change in population distribution of body mass index to change in obesity and underweight. Elife. 2021 Mar 9:10:e60060

38 - Mohammad Javad Zare Sakhvidi, Navid Danaei, Payam Dadvand, Amir Houshang Mehrparvar,....., Hamid Hakimi,.....i, Hossein Poustchi, Reza Malekzadeh, Roya Kelishadi. The prospective epidemiological research studies in IrAN (PERSIAN) birth cohort protocol: Rationale, design and methodology. Longitudinal and Life Course Studies.202112 (2), 241-262.

39- F Ayoobi, P Khalili, M Mohamadi, H Hakimi, C La Vecchia, N Soltani, ... Activity status and cardiovascular diseases: a cross-sectional study based on the results of Rafsanjan cohort study (2020). 2021. Iranian Red Crescent Medical Journal 23 (4), 1-7

40- P Abedi, H Hakimi, H Ahmadinia, M Rafiei, P Motie. Knowledge and Attitude of Dental Students and Recent Dental Graduates Towards Dental Pulp Stem Cells in Iran.2021. Journal of Dental School, Shahid Beheshti University of Medical Sciences 39 (3)

41-B Zhou, RM Carrillo-Larco, G Danaei, LM Riley, CJ Paciorek, GA Stevens ....H Hakimi.....[Worldwide trends in hypertension prevalence and progress in treatment and control from 1990 to 2019: a pooled analysis of 1201 population-representative studies with 104](#) The Lancet 2021. 398 (10304), 957-980...

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45- A Sadjadi, E Akbarpour, M Alimohammadian, S Masoudi, R Ghanbari, ...H Hakimi....[A Population-Based Cross-sectional Study on the Prevalence and Associated Risk Factors of Helicobacter pylori Infection in Rafsanjan, a Low Gastric Cancer Area in Southeast Iran.](#) Middle East Journal of Digestive Diseases 2022. 14 (3), 287

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47- Z Bagheri-Hosseinabadi, P Khalili, H Hakimi, N Jalali, M Abbasifard. [Evaluation of the relationship between opioid addiction and metabolic syndrome and its components in the adult population from Rafsanjan city; a cohort study .](#) Inflammopharmacology 2022.30 (6), 2107-2116

48 - M Soleimani, F Alipour, Y Taghavi, M Fatemipour, H Hakimi, Z Jamali, ... [Single-Field Fundus Photography for Screening of Diabetic Retinopathy: The Prevalence and Associated Factors in a Population-Based Study.](#) Diabetes Therapy, 2023. 14 (1), 205-217

49 - S Eghtesad, A Hekmatdoost, E Faramarzi, R Homayounfar, M Sharafkhah, ...H Hakimi.... [Validity and reproducibility of a food frequency questionnaire assessing food group intake in the PERSIAN Cohort Study.](#) Frontiers in Nutrition. 2023 Aug 4:1059870.

50-B Zhou, KE Sheffer, JE Bennett, EW Gregg, G Danaei, RK Singleton, ...H Hakimi....[Global variations in diabetes mellitus based on fasting glucose and haemoglobin A1c.](#) Nat Med. 2023 Nov;29(11):2885-2901

51- ER Zarandi, H Hakimi, R Bahramabadi, M Zare-Bidaki, M Ramezani, ... [Frequency of Extended-spectrum Beta-Lactamases-Producing Escherichia coli Among Out-and In-patients in Rafsanjan City, Iran](#) Jundishapur Journal of Microbiology 2023 , 16 (3)

52- [Anu Mishra,<sup>#1</sup> Bin Zhou,<sup>#1</sup> Andrea Rodriguez-Martinez,...Hamid Hakimi.....](#) Diminishing benefits of urban living for children and adolescents' growth and development. Nature. 2023 Mar;615(7954):874-883.

53- F Ayoobi, S Salari Sedigh, P Khalili, Z Sharifi, H Hakimi, F Sardari, ...[Dyslipidemia, diabetes and periodontal disease, a cross-sectional study in Rafsanjan, a region in southeast Iran.](#) BMC Oral Health 2023, 23 (1), 549

54- F Sardari, Z Sharifi, SS Sedigh, P Khalili, Z Jamali, F Ayoobi, ...H Hakimi. The profile of Oral Health Branch of Rafsanjan Cohort Study (OHBCRS) in Rafsanjan City, southeast of Iran. Preventive Medicine Reports, Volume 36, December 2023, 102513

55- Bin Zhou<sup>1</sup>, Kate E. Sheffer<sup>1</sup>, James E. Bennett<sup>1</sup>, ....Hami Hakimi ....Global variation in diabetes diagnosis and prevalence based on fasting glucose and hemoglobin A1c Nature Medicine 29(11), November 2023.

56-R. Bahramabadia, H. Hakimib, A. Saljooqic,d, M. Baranie, D. Razmjouef,g, M. Zare-Bidakih, M. Mohamadi. The Essential Oil of Rocket Seeds Maintains Its Antibacterial Effects After Encapsulation in Nanoliposomes. *Journal of Herbal Medicine*. Volume 47, September 2024

57- H Phelps\*, Rosie K Singleton\*, Bin Zhou\*..... Hamid Hakimi,..... Worldwide trends in underweight and obesity from 1990 to 2022: a pooled analysis of 3663 populationrepresentative studies with 222 million children, adolescents, and adults. Volume 403, Issue 10431.P1027-1050March 16, 2024

58- Bin Zhou\*, James E Bennett\*, Aidan P Wickham\* .....Hamid Hakimi.... General and abdominal adiposity and hypertension in eight world regions: a pooled analysis of 837 population-based studies with 7·5 million participants, *Lancet*. 2024 Aug 31;404(10455)

59- Bin Zhou\*; Archie W Rayner\*;f Edward W Gregg,..... Hamid Hakimi, Worldwide trends in diabetes prevalence and treatment from 1990 to 2022: a pooled analysis of 1108 populationrepresentative studies with 141 million participants. *Lancet*, Vol 404 November 23, 2024

60- Farzaneh Abasnezhad Kasrinerh1, Ozra Sadat Esmaeli1, Tayyebeh Tavakoli2, Parvin Khalili3,4, Zohreh Rajabi5, Hajar Vatankhah6, Mohammad Reza Hajizadeh1,7, Mehdi Mahmoodi8, Hamid Hakimi9 and Zahra Jalali1. Prenatal irisin is inversely related to the term placental telomere length. **BMC Research Notes**, 102 (2025)

61- Ebtesam Savari1, Nastaran Nasirpour1, Afarin Rahimi-Movaghar2, Ahmad Hajebi3,4, Vavad Sharifi5, Masoumeh AminEsmaeli6, Farid Najafi7, Bahareh Fakhraei8,9, Hamid Hakimi10, Mehran Zarghami11,12 and Abbas Motevalian.. Social capital and major depressive disorder among youth in Iran. *BMC Psychiatry* (2025) 25:111

62- Jungles, K., Sharafkhah, M., Bansal, K., ....H. Hakimi ...., Poustchi, H., Mahdavinia, Prevalence of food allergy and its association with atopic dermatitis in Iran: Results from the PERSIAN birth cohort. Journal of Allergy and Clinical Immunology: Volume 4, Issue 1, February 2025

63- Golnaz Rezaeizadeh1, Mohammad Ali Mansournia2, Maryam Sharafkhah3,Seyede Shahrbanoo Daniali4, Navid Danaei5, Amir Houshang Mehrparvar6, Mohammad Javad Zare Sakhvidi7, Hamid Hakimi8, Zahra Mohammadi3, Roya Kelishadi4\* & Hossein Poustchi Maternal socioeconomic status and early childhood growth and nutrition in the PERSIAN Birth. Cohort with insights into the double burden of malnutrition. *Sci Rep*. 2025 Apr 28;15:14893

#### فارسی

۱- بررسی اثر استرس بر بیان ژن در سلول های کبدی کشت داده شده موش و کلونینگ این ژن.  
دکتر غلامحسین حسن شاهی ، دکتر عبدالله جعفرزاده، دکتر حمید حکیمی، دکتر محسن رضائیان، دکتر رضا وزیری نژاد، سید ضیا طباطبایی ، دکتر عباس اسماعیلی ، و پروفسور الن دیکسون. مجله دانشگاه علوم پزشکی کرمان . ۱۳۸۵ دوره ۱۳ شماره ۴:صفحات ۲۰۲-۱۹۵.

-۲- مقایسه اثر توکسیتی لیپولیپید ساکارید تعدادی از باکتری‌های گرم منفی از جمله کلامیدیا تراکوماتیس بر اسپرم انسانی. دکتر حمید حکیمی، دکتر ابوالقاسم مساوات، فرشید فرح بخش، دکتر سید مهدی میرزایی، دکتر غلامحسین حسن شاهی، مجله دانشگاه علوم پزشکی رفسنجان. ۱۳۸۷، دوره ۷ شماره ۱: صفحات ۴۹-۵۶

-۳- مقایسه تعداد اسپرم‌های زنده در نمونه‌های انسانی با استفاده از سه روش: تورم و اوزین-نیگروزین. یک مطالعه آزمایشگاهی V/C Assay V/C Assay V/C هیپواموتیک، دکتر حمید حکیمی. مجله دانشگاه علوم پزشکی رفسنجان. ۱۳۸۸ دوره ۸ شماره ۴: صفحات ۳۱۷-۳۲۶

-۴- جداسازی لاکتوباسیل های پروبیوتیک از ماست های سنتی مناطق روستایی رفسنجان و بررسی اثرات ضد میکروبی آن ها. محمد فرح بخش، دکتر حمید حکیمی (نویسنده مسئول)، رضا بهرام آبادی، دکتر محمدرضا ذوالفقاری، دکتر نادر درکی. مجله دانشگاه علوم پزشکی رفسنجان. ۱۳۹۱، دوره ۹ صفحات: ۷۳۳-۷۴۶

-۵- قرآن و تربیت انسان سالم. چکیده مقالات کنگره قرآن پژوهی و طب. ۱۳۹۰

-۶- بررسی برنامه درسی زبان تخصصی دانشکده پزشکی رفسنجان از دیدگاه دانشجویان در سال ۱۴۰۰: یک مطالعه توصیفی. علیرضا فاتحی، حسن احمدی نیا، حمید حکیمی، محسن رضائیان. مجله دانشگاه علوم پزشکی رفسنجان ۱۴۰۱، آبان ۲۱، ۸۸۵-۹۰۰

**Hakimi, H,** Laboratory Diagnosis of Chlamydia trachomatis infections, Chlamydia and Reproduction Workshop , Tehran , 13-17 May 2006 (Oral Presentation).