



Mohsen Fateh

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 Address: Yara institute, No. 17, Felestin St.,
 Nazari St., Enghelab Av., Tehran, IRAN

Academic Background: MD, MPH

Academic Rank: Research Fellow, Scopus H-index: 14

Office: Academic Center for Education, Culture and
 Research (ACECR), TUMS branch

Education:

1. MD
Medicine , Shahid Beheshti University of Medical Sciences (SBUMS), Tehran, Iran, 1985-1992
2. MPH
Master of Public Health, Tehran University of Medical Sciences (TUMS), Tehran, Iran, 2005-2006

Language Skills:

- | | |
|------------|--|
| 1. English | Speaking: Good, Reading: Good, Writing: Good |
| 2. Farsi | Speaking: Native, Reading: Native, Writing: Native |

Research measures:

Papers:

In English

1: Non-thermal CO₂ Laser Therapy (NTCLT): A Novel Photobiomodulative Approach for Immediate Pain Relief of Patchy Oral Mucositis Due to Chemotherapy of Solid Tumors.

Authors: Zand N, Najafi S, Fateh M, Sadighi J, Mansouri P, Farhadi M, Ataie-Fashtami L, Nikoofar AR, Mahdavi H, Shirkavand A.

J Lasers Med Sci. 2023; 14: e54

2: Oral Immunotherapy in Patients with IgE Mediated Reactions to Egg White: A Clinical Trial Study.

Authors: Ghobadi Dana V, Fallahpour M, Shokouhi Shoormasti R, Nabavi M, Bemanian MH, Fateh M, Zaker Z, Torabizadeh M, Aghapour SA, Arshi S.
Immunological Investigations, Volume 51, 2022 - Issue 3, Pages 630-643.

3: The burden of musculoskeletal disorders in the countries of the Eastern Mediterranean region of the World Health Organization (EMRO): Study period 2000-2017.

Authors: Yahyavi Dizaj J, Soleimanifar M, Hashempour R, Kazemi Karyani A, Fateh M, Esmaili Zali M, Mirzaii H.
Research Square, 2021.

4: Clinical Effect of Non-Thermal CO₂ Laser Therapy (NTCLT) on Pain Relief of Oral Aphthous Ulcers of Behçet's Disease.

Authors: Zand N, Ataie-Fashtami L, Mansouri P, Fateh M, Shirkavand A.
J Lasers Med Sci. 2021; 12: e72.

5: Relationship between drug hypersensitivity and major histocompatibility (MHC) molecules.

Authors: Jafaryazdi R, Fallahpour M, Khoshmirsafa M, Samei A, Yardoost A, Fateh M, Seif F.
Razi Journal of Medical Sciences 27 (10), 14-24, 2020.

6: Inequality in the Utilization of Rehabilitation Services Among Urban and Rural Households in Iran: A Cross-Sectional Study.

Authors: Yahyavi Dizaj J, Na'emani F, Fateh M, Soleimanifar M, Arab AM, Esmaili Zali M, Soltani S, Kazemi Karyani A..
Archives of Rehabilitation 21 (3), 336-357, 2020.

7: Application of a collagen matrix dressing on a neuropathic diabetic foot ulcer: A randomised control trial.

Authors: Esmaeeli Djavid Gh, Tabaie SM, Bashardoust Tajali S, Totouchi M, Farhoud AR, Fateh M, Ghafghazi M, Koosha M, Taghizadeh S.
Journal of Wound Care 29 (Sup3), S13-S18, 2020.

8: Oral Immunotherapy in Patients with IgE Mediated Reactions to Egg White: A Clinical Trial Study

Authors: Ghobadi Dana V, fallahpour M, Shokouhi Shoormasti R, Nabavi M, Bemanian MH, Fateh M, Zaker Z, Torabizadeh M, Aghapour SA, Arshi S.
Immunological Investigations, 2020.

9: An overview of the prominence of current diagnostic methods for diagnosis of COVID-19.

Authors: Sadeqi Nezhad M, Seif F, Alavi Darazam I, Samei A, Kamali M, Aazami H, Mohsenzadegan M, Mollaei-Kandelousi Y, Babaheidarian P, Khoshmirsafa M, Fateh M.
AIMS Allergy and Immunology 4 (3), 60-74, 2020.

10: The immediate pain-relieving effects of non-thermal CO₂ laser therapy on genital ulcers of Behçet's disease: a case report.

Authors: Zand N, Mansouri P, Rezaee Khiabanloo S, Fateh M, Ataie-Fashtami L, Safaee Naraghi Z, Shirkavand A.
Journal of Lasers in Medical Sciences 11 (1), 108, 2020.

11: The assessment of clinical and laboratory findings before and after oral immunotherapy to egg white.

Authors: Ghobadi Dana V, Arshi S, Shokouhi Shoormasti R, Fateh M, Nabavi M, Bemanian MH, Fallahpou M, Torabzadeh M, Aghapour SA, Zaker Z.
Journal of Allergy and Clinical Immunology 143 (2), AB248, 2019.

12: Legal Aspects of Wound Care

Author: Fateh M. 2019

13: The Clinical and Physical Aspects of NTCLT (Non-Thermal CO2 Laser Therapy) as a Photobiomodulative Pain Relieving Approach in Oral Lesions: An Update.

Author(s): Zand, N.; Mansouri, P.; Zad, A. Iraj; Fateh, M.; Fashtami, L. Ataie; Najafi, S.; Shirkavand, A.
Journal of Lasers in Medical Sciences . 2018 Supplement, Vol. 9, p40-40. 1p.

14: Collagen Matrix Dressing in Treatment of Diabetic Foot Ulcer.

Authors: ESMAEELI DAVID GH., TABAIE SM., TOTOUNCHI M., BASHARDOUST TAJALI S., FATEH M., GHAFGHAZI M., KOSHA M., TAGHIZADEH S., 2018

15: Evaluating the Effects of Non-Thermal CO2 Laser Therapy (NTCLT) on Promoting Wound Healing of Recurrent Oral Aphthous Ulcers: A Pilot Study.

Authors: ZAND N., FATEH M., ATAIE FASHTAMI L., MANSOURI P., ESMAEELI DJAVID GH., FATEMI SM., ARBABI KALATI F., ALINAGHIZADEH MR., SHIRKAVAND A. 2018

16: Effects of Photodynamic Bio-stimulation on Inflammatory Phase in Healing Process.

Authors: Bashardoust Tajali S, Fateh M, Attarbashi Moghadam B. 2017

17: Relieving Pain in Oral Lesions of Pemphigus Vulgaris Using the Non-ablative, Non-thermal, CO(2) Laser Therapy (NTCLT): Preliminary Results of a Novel Approach.

Authors:Zand N, Mansouri P, Fateh M, Ataie-Fashtami L, Rezaee Khiabanloo S, Safar F, Chalangari R, Martits K, Shirkavand A.
Journal of Lasers in Medical Science. 2017 Winter;8(1):7-12.

18: Theranostic MUC-1 aptamer targeted gold coated superparamagnetic iron oxide nanoparticles for magnetic resonance imaging and photothermal therapy of colon cancer.

Authors: Azhdarzadeh M, Atyabi F, Saei AA, Varnamkhasti BS, Omid Y, Fateh M, Ghavami M, Shanehsazzadeh S, Dinarvand R.
Colloids and Surfaces B: Biointerfaces - Journal. 2016 Jul 1;143:224-232.

19: Curcumin intercalated layered double hydroxide nanohybrid as potential drug delivery system for effective photodynamic therapy in human breast cancer cells.

Authors: Khorsandi Kh, Hosseinzadeh R, Fateh M.
RSC Adv., 2015, 5, 93987-93994.

20: Injection of Autologous Fat Alone and in Combination With Autologous Platelet Gel for Nasolabial Fold Augmentation.

Authors: Ghasemi B, Tabaie SM, Azizjalali MH, Berenjiardestani H, Fereshtenejad SM, Amirizadeh N, Fateh M.
Journal of Skin and Stem Cell: 2 (3); e35681.

21: Synergistic Cytotoxic Effect of Gold Nanoparticles and 5-Aminolevulinic Acid-Mediated Photodynamic Therapy against Skin Cancer Cells.

Authors: Hadizadeh M, Fateh M.
Iranian Journal of Medical Science. 2014 Sep;39(5):452-8.

22: Effects of low-level laser irradiation on the pathogenicity of Candida albicans: in vitro and in vivo study.

Authors: Seyedmousavi S, Hashemi SJ, Rezaie S, Fateh M, Djavid GE, Zibafar E, Morsali F, Zand N, Alinaghizadeh M, Ataie-Fashtami L.

Journal of Photomedicine and Laser Surgery. 2014 Jun;32(6):322-9

23: Effect of gold nanoparticles on photodynamic efficiency of 5-aminolevulinic acid photosensitizer in epidermal carcinoma cell line: an in vitro study.

Authors: Amini SM, Kharrazi S, Hadizadeh M, Fateh M, Saber R.

IET Nanobiotechnology. 2013 Dec;7(4):151-6.

24: Promoting wound healing in minor recurrent aphthous stomatitis by non-thermal, non-ablative CO2 laser therapy: a pilot study.

Authors: Zand N, Fateh M, Ataie-Fashtami L, Djavid GE, Fatemi SM, Shirkavand A.

Photomedicine and Laser Surgery. 2012 Dec;30(12):719-23.

25: Thermal damage patterns of diode hair-removal lasers according to various skin types and hair densities and colors: a simulation study.

Authors: Shirkavand A, Ataie-Fashtami L, Sarkar S, Alinaghizadeh MR, Fateh M, Zand N, Djavid GE.

Photomedicine and Laser Surgery. 2012 Jul;30(7):374-80.

26: Low level laser therapy in management of chemotherapy-induced oral mucositis: prophylaxis or treatment?

Authors: Djavid GE, Emami A, Ataie-Fashtami L, Safaeinoddehi SR, Merikh-Baiat F, Fateh M, Zand N.

Journal of Lasers in Medical Sciences. 2011, 2(1): 12-17.

27: Photodynamic inactivation of drug-resistant bacteria isolated from diabetic foot ulcers.

Authors: Kashef N, Esmaeeli Djavid G, Siroosy M, Taghi Khani A, Hesami Zokai F, Fateh M.

Iranian Journal of Microbiology. 2011 Mar;3(1):36-41.

28: Simulation of heat distribution and thermal damage patterns of diode hair-removal lasers: an applicable method for optimizing treatment parameters.

Authors: Ataie-Fashtami L, Shirkavand A, Sarkar S, Alinaghizadeh M, Hejazi M, Fateh M,

Esmaeeli Djavid G, Zand N, Mohammadreza H.

Photomedicine and Laser Surgery. 2011 Jul;29(7):509-15.

29: A randomized clinical trial on the effect of low-level laser therapy on chronic diabetic foot wound healing: a preliminary report.

Authors: Kaviani A, Djavid GE, Ataie-Fashtami L, Fateh M, Ghodsi M, Salami M, Zand N, Kashef N, Larijani B.

Photomedicine and Laser Surgery. 2011 Feb;29(2):109-14.

30: Comparison of carbon dioxide laser and scalpel for breast lumpectomy: a randomized controlled trial.

Authors: Kaviani A, Fateh M, Ataie-Fashtami L, Yunesian M, Najafi M, Berry M, Rabbani A.

Photomedicine and Laser Surgery. 2008 Jun;26(3):257-62.

31: Relieving pain in minor aphthous stomatitis by a single session of non-thermal carbon dioxide laser irradiation.

Authors: Zand N, Ataie-Fashtami L, Djavid GE, Fateh M, Alinaghizadeh MR, Fatemi SM, Arbabi-Kalati F.

Lasers in Medical Science. 2009 Jul;24(4):515-20.

32: Low-level laser therapy in management of postmastectomy lymphedema.

Authors: Kaviani A, Fateh M, Yousefi Nooraie R, Alinagi-zadeh MR, Ataie-Fashtami L.
Lasers in Medical Science. 2006 Jul;21(2):90-4.

33: Treatment of oral lichen planus with photodynamic therapy mediated methylene blue: a case report.

Authors: Aghahosseini F, Arbabi-Kalati F, Fashtami LA, Fateh M, Djavid GE.
Medicina Oral Patologia Oraly Cirugia Bucal.. 2006 Mar 1;11(2):E126-9.

34: Methylene blue-mediated photodynamic therapy: a possible alternative treatment for oral lichen planus.

Authors: Aghahosseini F, Arbabi-Kalati F, Fashtami LA, Djavid GE, Fateh M, Beitollahi JM.
Lasers in Surgery and Medicine. 2006 Jan;38(1):33-8.

35: Photodynamic therapy of head and neck basal cell carcinoma according to different clinicopathologic features.

Authors: Kaviani A, Ataie-Fashtami L, Fateh M, Sheikhbahaee N, Ghodsi M, Zand N, Djavid GE.
Lasers in Surgery and Medicine. 2005 Jun;36(5):377-82.

In Farsi:

1: Complementary and alternative medicine in the treatment of acute and chronic wounds: a narrative review.

Authors: Taghavi H, Fateh M.
Journal of Lasers in Medicine 19 (1), 1-11,2022.

2: Does social distancing change lifestyles?

Authors: Sedaghat M, Soleimanifar M, Yahyavi Dizaj J, Fateh M.
Journal of Lasers in Medicine 17, 19-11, 2020.

3: Function of neutralizing versus deteriorating antibodies in COVID-19.

Authors: Khoshmirsafa M, Fateh M, Samei A, Kamali M, Seif F.
Journal of Lasers in Medicine 17, 10-6,2020.

4: Effectiveness of photodynamic therapy in basal cell carcinoma.

Authors: Rezvan M, Fateh M.
Laser in Medicine. 2017, 14(1):32-43.

5: Applications and advantages of nanoparticles in photodynamic therapy.

Authors: Khorsandi Kh, Fateh M, Hosseinzadeh R.
Laser in Medicine. 2015,12(3):34-44.

6: Assessment of hepatic cancer cell response to methylene blue mediated photodynamic therapy.

Authors: Hadizadeh M, Fateh M, Jahanshiri M.
Laser in Medicine. 2012, 9(4):6-12.

7: Is profilactic pulsed-dye laser (PDL) irradiation effective in improving the quality and cosmetic appearance of post reduction mammoplasty incisional lines?

Authors: Zand N, Fateh M, Ataie Fashtami L, Djavid GE, Najafi M, Kaviani A, Pourabolghasem A, Alinaghzadeh MR.
Laser in Medicine. 2011, 8(2):27-34.

8: Photodynamic inactivation of multidrug-resistant bacteria mediated by methylene blue.

Authors: Kashef N, Fateh M, Sirousi M, Taghikhani A, Hesami Zokaie F, Djavid GE.
Laser in Medicine. 2010, 7(3):7-11.

9: Home-use laser and light sources in dermatology (hair removal).

Authors: Zand N, Fateh M.
Laser in Medicine. 2009, 6(4):36-41.

10: Assessment of low level diode lasers 685 and 830 nm effects on growth of trichophyton rubrum fungi: an in vitro study.

Authors: Seyedmousavi S, Hashemi SJ, Fateh M, Ataie-Fashtami L.
Laser in Medicine. 2009, 6(4):20-26.

11: Effectiveness of single session non-ablative Co2 laser irradiation in relieving pain of major aphthous stomatitis.

Authors: Zand N, Ataie Fashtami L, Fateh M, Mansouri P, Djavid GE, Fatemi SM, Alinaghizadeh MR.
Laser in Medicine. 2009, 6(4):6-12.

12: Photodynamic therapy in dermatology (review).

Authors: Fateh M, Hamrahi D.
Laser in Medicine. 2009, 6(2): 45-54.

13: Low level laser therapy in treatment of diabetic foot ulcer: quantitative microbiologic study.

Authors: Kashef N, Shojaiefar A, Djavid GE, Mohajeri MR, Rezaie R, Salami M, Ghodsi M, Fateh M.
Laser in Medicine. 2009, 6(2): 31-35.

14: Long-pulsed Nd:YAG (1064 nm) effects on facial hair removal at 28 months follow up.

Authors: Ghaffarpour GH, Tabaie SM, Fateh M, Djavid GE, Ghaffarpour G.
Laser in Medicine. 2009, 6(2):27-30.

15: Relieving pain in minor aphthous stomatitis by a single session non-ablative Co2 laser therapy (NACLT).

Authors: Zand N, Ataie Fashtami L, Djavid GE, Fateh M, Alinaghizadeh MR, Fatemi SM, Arbabi Kalati F.
Laser in Medicine. 2009, 6(1): 5-11.

16: Melanoma diagnosis using extraction proper features from dermatoscopic images.

Authors: Fateh M, Miranbeygy MH, Fateh M, Mansouri P.
Laser in Medicine. 2009, 6(1): 25-33.

17: Efficacy of low level laser (685nm) therapy in prevention of radiation induced oral mucositis and xerostomia in patients with head and neck cancer.

Authors: Amozegar Hashemi F, Djavid GE, Parsian S, Haddad P, Fateh M, Kazemian A, Ataie Fashtami L, Zand N, Tabaie SM.
Laser in Medicine. 2009, 6(1): 12-17.

18: Low Level Laser Therapy in Treatment of Diabetic Foot Ulcers: randomized clinical trial.

Authors: Ataie Fashtami L, Djavid GE, Kaviani A, Larijani B, Razavi L, Salami M, Fateh M, Fatemi SM, Mortazavi SMJ.
Laser in Medicine. 2008, 5(3):6-11.

19: Low Level Laser Therapy: Knowledge, Attitude and Practice among Physicians.

Authors: Fateh M, Montazeri A, Shojaiezadeh D, Ataie Fashtami L, Rahimi Forushani A, Djavid GE, Zand N.
Laser in Medicine. 2008, 5(1): 12-17.

20: GaAIs Low level laser effects on periodontal surgical flap.

Authors: Fatemi SM, Narenjiha M, Vatani HR, Davoudi A, Djavid GE, Fateh M, Salami M.
Laser in Medicine. 2008, 5(1): 31-34.

21: Low level diode laser effects on candida albicans specimens: in vitro.

Authors: Seyedmousavi SM, Ataie Fashtami L, Rezaie S, Fateh M, Hashemi SJ.
Laser in Medicine. 2006, 4(4): 9-15.

22: Laser therapy in post mastectomy lymphedema.

Authors: Kaviani A, Fateh M, Yusefi Noraie R, Alinaghizadeh MR, Mortaz Hejri S, Ghodsi M, Rabani A.
Laser in Medicine. 2005, 4(3): 9-15.

Books:

1: Demography and Family Planning (Farsi)

Congress Presentations:

1: The Assessment of Clinical and Laboratory Findings Before and After Oral Immunotherapy to Egg White.

2019 AAAAI Annual Meeting, 22-25 Feb 2019, San Francisco, CA.

2: FOXO1 Plays a Key Role in Wound Healing.

3rd International and 5th national congress of wound and tissue repair. 26-28 sep 2018, Tehran, Iran.

3: Collagen Matrix Dressing in Treatment of Diabetic Foot Ulcer.

3rd International and 5th national congress of wound and tissue repair. 26-28 sep 2018, Tehran, Iran.

4: Evaluating the Effects of Non-Thermal Co2 Laser Therapy (NTCLT) on Promoting Wound Healing of Recurrent Oral Aphthous Ulcers: A Pilot Study.

3rd International and 5th national congress of wound and tissue repair. 26-28 sep 2018, Tehran, Iran.

5: Effects of Photodynamic Bio-stimulation on Inflammatory Phase in Healing Process.

2nd International and 4th national congress of wound and tissue repair. 25-27 Oct 2017, Tehran, Iran.

6: Electrical Stimulation in Wounds at Risk of Compromised Healing.

1st International and 3rd national congress of wound and tissue repair. 26-28 Oct 2016, Tehran, Iran.

7: Future aspects of research due to photodynamic reactions.

Laser Iran 2010 congress, Tehran, Iran.

8: Home-use lasers and light sources in dermatology.

Laser Iran 2010 congress, Tehran, Iran.

9: Knowledge, Attitude and practice of general practitioners about low level laser therapy.

Laser Iran 2010 congress, Tehran, Iran.

10: Laser safety.

First laser in dermatology seminar, 2008, Tehran, Iran.

11: Biopsy of breast masses by Co2 laser and scalpel: double blind clinical trial.

2nd national breast cancer congress, 2006, Imam hospital, Tehran, Iran.

Educational measures :

Lecturer of Demography and Family Planning

University of Applied Science and Technology, 2002-2012

Lecturer of Basic Laboratory Sciences

University of Applied Science and Technology, 2007-2014

Lecturer of Professional Ethics in Medical Sciences practitioners

University of Applied Science and Technology, 2007-2010

Lecturer of Occupational Safety and Health

University of Applied Science and Technology, 2007-2013

Lecturer of Physiology and Anatomy

University of Applied Science and Technology, 2012-2014

Lecturer of Forensic Medicine

University of Applied Science and Technology, 2012- 2022

Lecturer of wound management courses

Academic center for education, culture and research, TUMS branch, 2019-yet

Lecturer of ICW courses

Academic center for education, culture and research, TUMS branch, 2019-2023

Executive measures :

Technical officer and trusted physician of Farhangian Clinic, 1996-2000

Member of the Board of Directors of Shahrood Medical council, 1996-2000

Executive director of Iran Laser Congress 89 workshops, 2010

Member of the scientific faculty of the medical laser research group, 2003-yet

Member of the Scientific Committee of the 3rd to 5th Conference of General Physicians of the country, 2002-2004

Member of the Editorial Board of Medical Laser Research Quarterly, 2006-yet

Scientific Secretary of Photodynamic Therapy Committee of Iran Laser Congress 89, 2010

Member of the Scientific Committee of the 7th and 8th Annual Congress of the Iranian Laser Medicine Association, 2012-2013

Executive director of the workshops of the second national congress of wound and tissue repair, 2015

Research deputy of ACECR, TUMS branch, 2016-yet

Member of the scientific committee of the 3rd to 10th International Wound and Tissue Repair Congress, 2016-2023

Executive Secretary of the 3rd, 4th, 5th, 9th and 10th International Wound and Tissue Repair Congresses, 2016-2023

Instructor of national and international courses in the field of chronic wounds, 2018-yet