

Curriculum Vitae



Houshang Nemati

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Personal Records

Name: Houshang Nemati

Date & Place of Birth: March 19, 1973, Kermanshah, Iran.

Nationality: Iranian

Gender: Male

Marital Status: Married, 2 Children

Appointment: PhD in Molecular Medicine

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Languages:

I know Farsi (native) and English (semi - fluently).

Present Position:

Educational Records

B.Sc:

From: Kashan University of Medical Sciences, Kashan, Iran (2001-2003)

Field: **Medical Laboratory Sciences**

M.Sc:

From: Faculty of Medicine, Medical University of Kermanshah, Kermanshah, Iran (2003-2006)

Field: **Clinical Biochemistry**

Thesis: The XmnI polymorphic site 5' to the G γ gene and its correlation to the HbF and G γ : A γ ratio in B-Thalassemia patients .

Supervisor: Professor Zohreh Rahimi and Professor Gholamreza Bahrami.

Ph.D:

From: School of Advanced Medical Technologies, Tehran University of Medical Sciences, Tehran, Iran. (2013 - 2017)

Field: **Molecular Medicine**

Thesis: Evaluate the EGF & EGFR siRNA-based spherical nucleic acid nanoparticle Au conjugates for EGF & EGFR gene regulation in psoriasis

Supervisor: Professor Mohammad hosein Ghahramani and Professor Gholamreza Tavosi.

Teaching Experience: September 2005-Up to Now:

Clinical Biochemistry,

Instrumental Analysis,

Molecular Biology,

Microbial Control of Drugs

At Faculty of Pharmacy and Medicine. Kermanshah University of Medical Sciences.

Researches and Interests

- 2006 – 2007 Study of gene cluster haplotypes B in patients with B - thalassemia major and intermedia from Kermanshah. Kermanshah University of medical Sciences, Kermanshah, Iran
- 2007 – 2008 Study of XmnI polymorphism and the percentage of hemoglobin F and G γ chain in β -thalassemia patients. Kermanshah University of medical Sciences, Kermanshah, Iran
- 2010 – 2011 Serum Lipids and Apolipoproteins profiles in Patients With psoriasis from Kermanshah, Kermanshah University of medical Sciences, Kermanshah, Iran

- 2011 – 2012 Evaluation and compare the expression levels of soluble Vascular Adhesion Protein-1 in healthy individuals and patients with psoriasis. Kermanshah University of medical Sciences, Kermanshah, Iran
- 2013 – 2014 Study and construction of semi-solid formulations of finasteride and clinical evaluation of the optimal form for the treatment of hirsutism.
- 2015 – 2016 Evaluate the EGF & EGFR siRNA-based spherical nucleic acid nanoparticle Au conjugates for EGF & EGFR gene regulation in psoriasis. Tehran University of medical Sciences, Tehran, Iran.
- 2016 – 2017 Evaluate of TNF-alpha siRNA-based spherical nucleic acid nanoparticle Au conjugates for TNF alpha gene regulation in RAW264.7 cell line. Kermanshah University of medical Sciences, Kermanshah, Iran.

Membership of Scientific Societies

- Member of Iranian Society of Molecular Medicine.

Publications :

(Published Full Journal Papers) :

1. هوشنگ نعمتی، دکتر زهره رحیمی، دکتر غلامرضا بهرامی، دکتر حمید نعمانی، دکتر منصور رضایی. پلی مورفیسم Xmn1 در ناحیه 5' ژن G γ و ارتباط آن با میزان HbF و نسبت G γ به A γ در بیماران بتاتالاسمی ماژور و اینترمدیا در کرمانشاه مجله بهبود سال یازدهم، شماره 4 (پیاپی 35)، زمستان 1386 407
2. Nemati, H., Rahimi, Z. Bahrami, G. (2010). "The Xmn1 polymorphic site 5' to the (G)gamma gene and its correlation to the (G)gamma:(A)gamma ratio, age at first blood transfusion and clinical features in beta-thalassemia patients from Western Iran." **Mol Biol Rep** 37(1): 159-164.
3. Nemati, H., Bahrami, G. Rahimi, Z. (2011). "Rapid separation of human globin chains in normal and thalassemia patients by RP-HPLC." **Mol Biol Rep** 38(5): 3213-3218.
4. Ranjbar, S. Ghobadi, S. Khodarahmi, R. Nemati, H.. (2012). "Spectroscopic characterization of furosemide binding to human carbonic anhydrase II." **Int J Biol Macromol** 50(4): 910-917.
5. Nemati H, Khodarahmi R, Rahmani A, Sadeghi M, Rezaei M. (2012). VAP-1(Vascular adhesion protein-1) and lipid profiles in psoriatic patients from Kermanshah. **Zahedan J Res Med Sci**.
6. Nemati, H., R. Khodarahmi, et al. (2013). "Serum lipid profile in psoriatic patients: correlation between vascular adhesion protein 1 and lipoprotein (a)." **Cell Biochem Funct** 31(1): 36-40.

7. Nemati, H., Khodarahmi, R. et al. (2013). Serum Lipid Profile in Psoriatic Patients in Kermanshah: A Survey on Vascular Adhesion Protein-1. **Zahedan J Res Med Sci**; 15(2): 8-10
8. Asefi, M. Vaisi-Raygani, A. Khodarahmi, R. Nemati, H. Rahimi, Z. Vaisi-Raygani, H. Tavilani, H. Pourmotabbed, T.. (2014). "Methylentetrahydrofolatereductase (rs1801133) polymorphism and psoriasis: contribution to oxidative stress, lipid peroxidation and correlation with vascular adhesion protein 1, preliminary report." **J Eur Acad Dermatol Venereol** 28(9): 1192-1198.
9. Nemati, H., Khodarahmi, R. et al. (2014). "Antioxidant status in patients with psoriasis." **Cell Biochem Funct** 32(3): 268-273.
10. Mohammadi, Y. Vaisi-Raygani, A. Shakiba, E. Bahrehmand, F. Khodarahmi, R. Nemati, H. Rahimi, Z. Kiani, A. Vaisi-Raygani, H. Pourmotabbed, T.. (2015). "Angiotensin II type 1 receptor A C (rs5186) gene polymorphism increased risk and severity of psoriasis, contribution to oxidative stress, antioxidant statues, lipid peroxidation and correlation with vascular adhesion protein 1, preliminary report." **J Eur Acad Dermatol Venereol**.
11. Tahvilian, Reza, Nemati, Hoshang. et al. (2015) "Preparation and clinical evaluation of Finastride gel in the treatment of idiopathic Hirsutism." **Journal of Drug Assessment** 4.1: 12-18.
12. Nemati H, Ghahramani MH, Faridi-Majidi R, Izadi B, Bahrami G, Madani SH, Tavoosidana G. (2017) Using siRNA-based spherical nucleic acid nanoparticle conjugates for gene regulation in psoriasis. **Journal of Controlled Release**, 268: 259–268

(Published in Congresses and Symposiums) :

1. Rahimi, Z. Nemati, H. et al.(2006). Molecular characterization of glucose-6-phosphate dehydrogenase deficiency in the Kurdish population of Western Iran." Congress of Hematology, Amsterdam, Netherlands.
2. Nemati, H. Bahrami, G. Rahimi, Z. (2007) Prevalence of XMN1 polymorphic site at the 5' region of the Gy-globin gene in β -thalassemia major and intermedia patients from Kermanshah. The 9th Iranian Congress Of Biochemistry & the 2th International Congress Of Biochemistry and Molecular Biology. Shiraz Iran.
3. Nemati, H. Rahimi, Z. Bahrami, G. (2007) Association of XMN1 polymorphism in Gy globin promoter with the level of HbF and Gy chain and the Gy: Ay ratio in β -thalassemia major and intermedia patients from Kermanshah. The 9th Iranian Congress Of Biochemistry & the 2th International Congress Of Biochemistry and Molecular Biology. Shiraz Iran.
4. Nemati H, Assefi M. (2010) Evaluation of thyroeid hormones in beta thalassemia major patients from Kermanshah. The 3th International & 8th National Congress on quality improvement in clinical laboratories. Tehran, Iran.

5. Nemati H, Khodarahmi R, Sadeghi M. (2012) Evaluation of serum lipids, lipoproteins and apolipoproteins in psoriatic patients from Kermanshah. The 5th International & 10th National Congress on Quality Improvement in Clinical Laboratory, Tehran, Iran, Volume: 3 **Oral**
6. Nemati H, Khodarahmi R, Sadeghi M. (2012) Evaluation of vascular adhesion protein-1(vap-1) in psoriatic patients from Kermanshah. The 5th International & 10th National Congress on Quality Improvement in Clinical Laboratory, Tehran, Iran, Volume: 3 **Oral**
7. Nemati H, Vaisi-raygani A, Khodarahmi R, Hosseinzadeh L, Mojarrab M, Ahmadi F. (2015) Evaluation of Antioxidants in psoriatic patients. 8th international congress of Laboratory and clinic. Tehran, Iran.
8. Tahvilian R, Ebrahimi A, Beiki O, Nemati H, Sahar M.(2015). Preparation and Clinical evaluation of Finastride gel in the treatment of idiopathic Hirsutism. Scientific Cooperations Medical Workshops. Istanbul, Turkey.
9. Nemati H, Ghahramani MH, Tavoosidana G, Vaisi-Raygani, A, Khodarahmi, R.(2016). Antioxidants and psoriasis: correlation of methylene tetra hydro folate reductase polymorphism and lipid peroxidation. 2nd National conference on molecular medicine in diagnosis and treatment of diseases. Tehran, Iran.
10. Nemati H, Ghahramani MH, Tavoosidana G, Faridi-Majidi R, Izadi B.(2017). Size controlled synthesis of gold nanoparticles for protein intraction and RNA/DNA transfection. 9th international congress of Laboratory and clinic. Tehran, Iran.
11. Nemati H, Vaisi-raygani A, Khodarahmi R, Bahremand F. (2016) Lipid and psoriasis: Correlation of methylenetetrahydrofolatereductase (rs1801133) polymorphism and lipid peroxidation. The 9th International & 14th National Congress on Quality Improvement in Clinical Laboratory, Tehran, Iran.
12. Nemati H, Vaisi-raygani A, Khodarahmi R, Nemati N. (2016) Psoriasis: The levels of oxidant/antioxidant. The 9th International & 14th National Congress on Quality Improvement in Clinical Laboratory, Tehran, Iran.
13. Nemati H, Ghahramani MH, Tavoosidana G, Faridi-Majidi R, Izadi B.(2017). Epidermal growth factor in psoriasis before and after treatment. 10th international and 15th national congress on Quality Improvement in Clinical Laboratory, Tehran, Iran. **Oral**
- 14.

Workshop

- 1- کارگاه روش تحقیق (1382) – دانشگاه علوم پزشکی کرمانشاه
- 2- کارگاه مصرف بهینه خون و فراورده های آن (1384) – سازمان انتقال خون
- 3- کارگاه کشت سلول (1388) - دانشگاه علوم پزشکی کرمانشاه
- 4- کارگاه عملی مدل‌های رگ زایی (1388) - دانشگاه علوم پزشکی کرمانشاه
- 5- کارگاه آماده سازی و ارایه پوستر (1388) - دانشگاه علوم پزشکی کرمانشاه
- 6- کارگاه نمایه استنادی ISI (1390) - دانشگاه علوم پزشکی کرمانشاه
- 7- International workshop “Targeted Nano Medicine” (2011), Kermanshah University of Medical Sciences.
- 8- Biomedical Sciences Techniques and Concepts (Theoretical and Practical) “**Mesenchymal Stem Cells**”,(2014) DDIR, Tehran University of Medical Sciences,
- 9- Biomedical Sciences Techniques and Concepts (Theoretical and Practical) “**Embryonic Stem Cells**”,(2014) DDIR, Tehran University of Medical Sciences,
- 10- Biomedical Sciences Techniques and Concepts (Theoretical and Practical) “**Bioinformatics**”, DDIR, (2014)Tehran University of Medical Sciences,
- 11- Biomedical Sciences Techniques and Concepts (Theoretical and Practical) “**Gene Expression Analysis**”,(2014) DDIR, Tehran University of Medical Sciences,
- 12- Biomedical Sciences Techniques and Concepts (Theoretical and Practical) “**Cloning**”, DDIR,(2014) Tehran University of Medical Sciences,
- 13- Biomedical Sciences Techniques and Concepts (Theoretical and Practical) “**Real Time PCR**”,(2014) DDIR, Tehran University of Medical Sciences,
- 14- Biomedical Sciences Techniques and Concepts “**Cell Culture**”,(2015), Tehran University of Medical Sciences,
- 15-

سمینارها و کنگره ها

- 1- پنجمین کنگره ارتقاء کیفیت آزمایشگاه تشخیص طبی (1385) – دانشگاه علوم پزشکی تهران
- 2- دومین کنگره بین المللی بیوشیمی و بیولوژی مولکولی (1386) – دانشگاه علوم پزشکی شیراز
- 3- کنفرانس روشها و تکنیکهای ایمنولوژی در تشخیصهای آزمایشگاهی (1386) – دانشگاه علوم پزشکی کرمانشاه
- 4- اولین کنگره بین المللی و ششمین کنگره کشوری ارتقاء کیفیت آزمایشگاه تشخیص طبی (1386) – دانشگاه علوم پزشکی تهران
- 5- کنفرانس یکروزه خون شناسی (1386) – دانشگاه علوم پزشکی کرمانشاه
- 6- کنفرانس آزمایشگاه میکروبی شناسی (1387) – دانشگاه علوم پزشکی کرمانشاه
- 7- کنفرانس آنالیز مایعات بدن و آزمایشات اختصاصی (1387) – دانشگاه علوم پزشکی کرمانشاه

- 8- کنفرانس کنترل و پیشگیری بیماری آنفلوآنزای A (1388) – دانشگاه علوم پزشکی کرمانشاه
- 9- سومین کنگره بین المللی و هشتمین کنگره کشوری ارتقاء کیفیت آزمایشگاه تشخیص طبی (1389) – دانشگاه علوم پزشکی تهران
- 10- کنفرانس Total quality management آزمایشگاه پزشکی (1389) – دانشگاه علوم پزشکی کرمانشاه
- 11- کنفرانس تضمین کیفیت آزمایشگاه پزشکی (1389) – دانشگاه علوم پزشکی کرمانشاه
- 12- چهارمین کنگره بین المللی و نهمین کنگره کشوری ارتقاء کیفیت آزمایشگاه تشخیص طبی (1390) – تهران
- 13- پنجمین کنگره بین المللی و دهمین کنگره کشوری ارتقاء کیفیت آزمایشگاه تشخیص طبی (1391) – دانشگاه علوم پزشکی تهران
- 14- سمینار انتقال خون و بیماریهای منتقله (1394) – دانشگاه علوم پزشکی کرمانشاه
- 15- هشتمین کنگره بین المللی آزمایشگاه و بالین و اولین کنگره ملی علوم پایه پزشکی و تولید دانش بنیان (1394) – تهران
- 16- سمینار شیمی دارویی در غرب کشور (1394) – دانشگاه علوم پزشکی کرمانشاه
- 17- دومین کنگره بین المللی پزشکی مولکولی در تشخیص و درمان بیماریها (1395) - دانشگاه علوم پزشکی شهید بهشتی تهران.
- 18- نهمین کنگره بین المللی و چهاردهمین کنگره ملی ارتقاء کیفیت آزمایشگاه بالینی (1395) - تهران
- 19- نهمین کنگره بین المللی آزمایشگاه و بالین و دومین کنگره ملی علوم پایه پزشکی و تولید دانش بنیان (1395) – تهران
- 20- دهمین کنگره بین المللی و پانزدهمین کنگره ملی ارتقاء کیفیت آزمایشگاه بالینی (1396) – تهران
- 21- کنفرانس علمی غربالگری سلامت جنین (1396) - کرمانشاه