



**Dr. Hassan Nourmohammadi**

#### CONTACT

**Address:**

Ilam University of Medical Science,  
School of Medicine, Iran. Mustafa  
Hospital & Razi Hos.

**Email:**

hnm51.hn@gmail.com

Nourmohammadi-h@medilam.ac.ir

Phone Number: 084-33338265

## Educational, Research And Professional Resume(2025)

### Current Position

**Associated Professor of Oncology, Hematology, Bone Marrow Transplantation**

*Non-Communicable Diseases Research Center, Ilam University of Medical science, Iran.*

### Education

Grade	University	Country
<b>General Practitioner</b>	<i>Isfahan University of Medical Science</i>	<b>Iran</b>
<b>Board Certified Specialist In Internal Medicine</b>	<i>Mazandaran University of Medical Science</i>	<b>Iran</b>
<b>SubSpeciality Board In Oncology Hematology, and Bone marrow Transplantation</b>	<i>Tehran University of Medical Science</i>	<b>Iran</b>

### ADDITIONAL SKILLS And Research Interests

- **Blood and Adult Cancer**
- **Blood Diseases**
- **Hematology**
- **Oncology**
- **Internal Medicine**
- **Bone marrow Transplantation**

### Professional and Executive Experiences

- **Faculty Member**, Ilam University of Medical Sciences since 2010
- **Subspecialist** – Mostafa Khomeini Hospital, Ilam, Iran  
*October 2015 – October 2023*
- **Subspecialist** – Kosar Hospital, Ilam, Iran  
*October 2015 – October 2023*
- **Subspecialist** – Razi Hospital, Ilam, Iran  
*October 2023 – Present*
- **Subspecialist** – Kosar Hospital, Ilam, Iran  
*October 2023 – Present*

## Thesis

1. *Investigating* the prevalence of obvious congenital abnormalities in Infant born in maternity hospitals in Isfahan city.
2. *Comparison* of Paclitaxel + cisplatin + 5 fluorouracil treatment regimen with Epirubicine + Cisplatin + 5 fluorouracil treatment regimen in patients with advanced gastric cancer in Sari city
3. *Investigation* of late complications of patients recovered from stem cell transplantation

## Teachings

1. **Teaching** Theory And practical Internal medicine
2. **Teaching** Semiology
3. **Teaching** Endocrine Course
4. **Teaching** Digestive course
5. **Teaching** Blood Course
6. **Teaching** Rheumatology, Endocrinology.
7. **Teaching** Hematology Course
8. **Teaching** Gastroenterology
9. **Teaching** respiratory system

## Publications

1. **Prevalence and genotyping** of human papillomavirus DNA in peripheral blood mononuclear cells from blood donors in Iran, **2025, Original Article.**
2. **Prevalence, genetic diversity**, and zoonotic potential of Giardia duodenalis in New and Old World Camelids: A comparative systematic review and meta-analysis.**2025, Original Article.**
3. **The Effect of Benson's** Relaxation Response on Sleep Quality in Patients with Colorectal Cancer, **2024 , Original Article.**
4. The effect of metformin use on gastric cancer in patients with type 2 diabetes: A systematic review and meta-analysis of cohort studies .**2024, Review.**
  1. **Evaluation** of Oral and Dental complications caused by Cyclophosphamide in patients with breast cancer in the Shahid-Mostafa Hospital, Ilam, **2022. Original Article.**
5. **Clinical Breast** Cancer Registry of IR. Iran (CBCR-IR): Study Protocol and First Results, **2023, Original Article.**
6. **The effect** of metformin administration on cancer specific survival, overall survival, progression-free survival, and disease progression in renal cell carcinoma patients; a systematic review and meta-analysis, **2023, Review.**
7. **Evaluation of Oral and Dental** complications caused by Cyclophosphamide in patients with breast cancer in the Shahid-Mostafa Hospital, Ilam. **2023, Original Article.**
8. **Comparing** the COVID-19 Mortality Rate in Cancer Patients with and Without a History of Chemotherapy. **2022, Original Article.**
9. **Complications** of Tuberculosis Packs and Iron Chelators in Patients with Thalassemia Major in Mostafa Khomeini Hospital in 2018-19. **2022, Original Article.**
10. **Chlamydia** pneumoniae and Mycoplasma pneumoniae as Two

## Publications

- Emerging Risk Factors in Atherosclerosis: Meta-Analysis Study and Systematic, **2022**.
11. **Engineering** a multi-epitope vaccine candidate against *Leishmania infantum* using comprehensive Immunoinformatics methods. **2022, Original Article**
12. **Prevalence** of osteoporosis and osteopenia in people over 60 years in Iran: A systematic review and meta-analysis. **2022, Original Article**
13. **Seroprevalence** of COVID-19 in Blood Donors: A Systematic Review and Meta-Analysis. **2022, Review**.
14. **The frequency**, related cause of disease, and treatment of hepatitis B virus infection: A systematic review and meta-analysis in Iran. **2022, Review**.
15. **Promising** effects of parasite-derived compounds on tumor regression: a systematic review of in vitro and in vivo studies. **2022, Review**
16. **Evaluation** of the therapeutic effect of the plasma of recovered COVID-19 patients for treating the patients admitted to the intensive care unit. **2021 Editorial**.
17. **In silico** analysis and prediction of immunogenic epitopes for pre-erythrocytic proteins of the deadly *Plasmodium falciparum*. **2021, Original Article**.
18. **Development** of a chimeric vaccine candidate based on *Toxoplasma gondii* major surface antigen 1 and apicoplast proteins using comprehensive immunoinformatics approaches . **2021, Original Article**
19. **Bioinformatics** features and immunogenic epitopes of *Echinococcus granulosus* Myophilin as a promising target for vaccination against cystic echinococcosis. **2021, Original Article**.
20. **Leishmanolysin** gp63: Bioinformatics evidences of immunogenic epitopes in *Leishmania* major for enhanced vaccine design against zoonotic cutaneous leishmaniasis. **2021, Original Article**
21. **Construction** of a multi-epitope protein for human *Toxocara canis* detection: Immunoinformatics approach multi-epitope construct for *T. canis* serodiagnosis. **2021, Original Article**
22. **Risk and Benefit** of Antiplatelet Therapy in COVID-19 Patients with Cancer and Thrombocytopenia: Letter to the Editor. **2021, Letter to Editor**.
23. **A systematic review** and meta-analysis of effect of synthetic erythropoietin on hemoglobin in dialysis patients. **2020**
24. **Toxoplasma gondii** ROP38 protein: Bioinformatics analysis for vaccine design improvement against toxoplasmosis. **2020, Original Article**
25. **Epidemiology** of gastroesophageal reflux disease in Iran: A systematic review and meta-analysis. **2020, Review**
26. **Multi-epitope** vaccine against cystic echinococcosis using immunodominant epitopes from EgA31 and EgG1Y162 antigens. **2020, Original Article**.
27. **Woman** with Pregnancy and Lactation-Associated Osteoporosis (PLO). **2020, Original Article**.
28. **The effects** of reflexology on fatigue severity of patients with cancer. **2019, Original Article**.
29. **Investigating** the effect of mindfulness-based training on psychological status and quality of life in patients with breast cancer. **2019, Original Article**.
30. **Patients' attitudes** toward cancer pain relief. **2018, Original Article**

## Research Proposals

31. **Positive** effects of cognitive behavioral therapy on depression, anxiety and stress of family caregivers of patients with prostate cancer: A randomized clinical trial. *2017, Original Article.*
1. **Prevalence**, genetic diversity, and zoonotic potential of *Giardia duodenalis* in new and old world camelids: A comparative systematic review and meta-analysis. Ali Asghari Ali Pouryousef Mohammadreza Hafezi Ahmadi Hassan Nourmohammadi Mina Mamizadeh.
2. **Comparison of** 9-cycle and 17-cycle Herceptin treatment regimens in the rate of recurrence and survival in patients with breast cancer in Ilam province: a retrospective cohort study. Elham Shafiei Leila Naseri Elham Alizadeh **Hassan Nourmohammadi.**
3. **Investigating** the Geographical and Epidemiological Distribution of Breast Cancer in Ilam Province from 2019 to 2023. Elham Shafiei **Hassan Nourmohammadi** Somayeh Shafiei Sahereh Safarlaki.
4. Investigating factors affecting survival in breast cancer patients in Ilam city by using machine learning model. Mayam Kheiry, Hojjat Sayyadi Yousef Veisani , **Hassan Nourmohammadi** , Fereshte Monfared
5. **Comparison** of the effects of Xelox chemotherapy diet with Folfox diet in colorectal cancer in adjuvant setting. **Hassan Nourmohammadi** Elham Shafiei Mahtab Bonyadi Hassan Adineh Millad Mosavi
6. **Setting up** a blood infection registration system in Shahid Mostafa Khomeini Hospital in Ilam. Ali Nazari, Jalil Feizie, Mahtab Bonyadi Elham Shafiei **Hassan Nourmohammadi.**
7. Leishmanolysin gp63: bioinformatics evidences of immunogenic epitopes in *Leishmania major* as possible vaccine target against cutaneous leishmaniasis. Morteza Shams, Gholam Basati, Hamidreza Majidiani, **Hassan Nourmohammadi**, Esfandiyar Azizi
8. Review of anticancer drug compounds: a systematic review of anti-tumor activity of parasite-derived compounds. Morteza Shams, Gholam Basati, Hamidreza Majidiani, Ali Asghari, **Hassan Nourmohammadi**
9. **Bioinformatics** design of a fine-tuned multi-epitope protein for detection of human *Toxocara canis* infection in human. *Gholam Basati Morteza Shams, Hamidreza Majidiani, Ali Asghari, Hassan Nourmohammadi.*
10. **Registration** of rheumatoid arthritis patients referred to Shahid Mostafa Khomeini Hospital in Ilam province. Nasrin Bazgir Mahtab Bonyadi Elham Shafiei, **Hassan Nourmohammadi** , Bahreh Gheiasi, Samiramis Qavam, Abbas Qaisuri, Ali Sharifi.
11. **Scleroderma** disease registration program in Ilam province. Elham Shafiei, Nasrin Bazgir, **Hassan Nourmohammadi**, Abbas Qaisuri Reza Jamshidi.
12. **Clinical breast** cancer registry of Iran (BreastCanReg.IR). **Hassan Nourmohammadi**, Elham Shafiei, Mahtab Bonyadi, Nasrin Bazgir, Hassan Adineh, Millad Mosavi.
13. **Investigate** the consequences of coronavirus (COVID 19) and comparison of patients' survival in the world by systematic review and meta-analysis. *Morteza Shams, Gholam Basati, Hamed Tavan*

## Scientific profiles

- **Member** of the American Society of clinical oncology (ASCO)
- **Member** of Iranian Hematology Association
- **Member** of Iran Stem Cell Transplant Association
- **Member** of European Society of Medical Oncology(ESMO)

## *Performance* **2016-2025**

All patients that I've done HSCT for them, nearly **150** patients, Including; **75** multiple myeloma with average ages 60 years old /Autologous BMT **35** acute leukemia (ALL,,, AML) with different subtypes of AML and ages between 20 to 55 years old/allogenic BMT with siblings and related and unrelated donors.

Most of them now alive with mild to moderate GVHD, 2 expired, and others live with severe chronic GVHD One male CML patient/53 years old, his donor was his full match 45 years old sister (expired,, due to severe GVHD and sepsis) One patient with non-seminoma germ cell tumor, refractory to all protocol chemotherapy for GCT/Autologous HSCT About **30** patients with major thalassemia/allogenic BMT About 50 patients with relapsed NHL(DLBL,,, FL,,, mantle, and...) /Autologous BMT One male patient(dentit) 40y/o with Hodgkins lymphoma(he was my colleague, unfortunately expired.

### **In addition:**

- Performed **intravenous chemotherapy** for more than **3,000 patients** with various solid tumors.
- Performed **bone marrow aspiration and biopsy** for more than **1,000 patients**.