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مریم حمزه لو مقدم



نام: مریم

نام خانوادگی: حمزه لو مقدم

مرنبه علمی: استاد

ملیت: ایرانی

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کتاب

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خلاصه مقالات

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پایان نامه ها

1. Analgesic medicinal plants in Iranian traditional medicine and the mechanism of action by protein network analysis. Department of Traditional Pharmacy, School of Traditional Medicine, S h a h i d Behesti University of Medical Sciences. Tehran, Iran.
2. Formulation of “Monziq-e-Balgham” tablet and syrup according to Iranian Traditional Medicine and evaluating their effects on stomach mucus (in vivo). Department of Traditional Pharmacy, School of Traditional Medicine, S h a h i d Behesti University of Medical Sciences. Tehran, Iran.
3. Phytochemical study and evaluation of cytotoxic effect of *Gypsophila ruscifolia*. Department of Pharmacognosy, School of Pharmacy, S h a h i d Behesti University of Medical Sciences. Tehran, Iran.
4. Cytotoxic effect of plant extract of *Inula britannica* against HepG2 cell line and evaluating its antimicrpbial effect on *Shigella dysenteriae*, *staphylococcus aureus*, *Salmonella typhi*, *Escherichia coli* and *Listeria monocytogenes*. School of Pharmacy, S h a h i d Behesti University of Medical Sciences. Tehran, Iran.

5. Investigating the apoptotic effect of Gaillardin as alone and in combination with Arsenic trioxide on acute promyelocytic leukemia cell line (HL-60). Shahid Behesti University of Medical Sciences. Tehran, Iran.
6. The cytotoxic effect of *Eryngium billardieri* on breast cancer cells in comparison with normal cells. School of Pharmacy, Shahid Behesti University of Medical Sciences. Tehran, Iran.
7. Phytochemical analysis of *Eupatorium cannabinum* aerial parts based on its cytotoxic activity. Department of Pharmacognosy, School of Pharmacy, Tehran University of Medical Sciences. Tehran, Iran.
8. The effect of traditional medicine products Milk- dodder on hyperpigmentation of skin in patients with Melasma. School of Traditional Medicine, Shahid Behesti University of Medical Sciences. Tehran, Iran.
9. Comparing the effect of topical ginger oil with oral ginger on primary dysmenorrhea. School of Traditional Medicine, Shahid Behesti University of Medical Sciences. Tehran, Iran.
10. Evaluating the cytotoxic effects of *Gypsophila bicolor* and *Gypsophila ruscifolia* on growth and induction of apoptosis in MCF-7 cell line. Pharmaceutical Sciences Branch, Islamic Azad University, Tehran, Iran.
11. Evaluating the cytotoxic effects of *Eupatorium cannabinum* on growth and induction of apoptosis in MCF-7 cell line. Pharmaceutical Sciences Branch, Islamic Azad University, Tehran, Iran.
12. Formulation and quality control of Amla oil (*Emblca officinalis*) based on Iranian Traditional Medicine manuscripts. Pharmaceutical Sciences Branch, Islamic Azad University, Tehran, Iran
13. Study of antibacterial activity of total extract and different fraction of *Rhazya stricta* Decne against 3 bacterial strains. Pharmaceutical Sciences Branch, Islamic Azad University, Tehran, Iran.
14. Evaluating the antibacterial activity of total extract and different fraction of *Blepharis persica* (Burm.) O. Kuntze. against common staphylococcus strains. Pharmaceutical Sciences Branch, Islamic Azad University, Tehran, Iran.
15. A study on the effect of electromagnetic field on seed germination, seedling development of Okra (*Hibiscus esculentus* L.) and the effect of its extract on breast cancer cells (MCF7). Faculty of Biological Sciences, Kharazmi University, Tehran, Iran.
16. The acetyl cholinesterase inhibition ability, cytotoxicity and antioxidant activity of the extracts and fraction of two algae *Padina tertrastrmatica* and *Padina australis*. Pharmaceutical Sciences Branch, Islamic Azad University, Tehran, Iran.
17. Cytotoxic activity investigation of some selected medicinal plants from Iranian Traditional Medicine manuscripts to treat cancer and evaluating apoptotic

induction of the most proper species. School of Traditional Medicine, Shahid Beheshti University of Medical Sciences. Tehran, Iran.

18. Evaluating the cytotoxic, antioxidant and acetylcholinesterase inhibitory activity of methanol extract of *Crocus pallassii sub sp. haussknechtii*. Shahid Beheshti University of Medical Sciences, Tehran, Iran.
19. Evaluating the cytotoxic and anti-angiogenesis activity of *Datura metel* in HUV-EC-C cells. Pharmaceutical Sciences Branch, Islamic Azad University, Tehran, Iran
20. Evaluating the effect of co-solvents on viability of MCF-7, HepG-2, HT-29 and MDBK cells. Pharmaceutical Sciences Branch, Islamic Azad University, Tehran, Iran
21. Investigation of antioxidant and cytotoxic activity of *Ferula oopoda*, *Ferula szowitsiana* and *Ferula hirtella* on MDBK, HepG2, A549, MCF7 and HT29 cell lines and determination of the most effective one. Pharmaceutical Sciences Branch, Islamic Azad University, Tehran, Iran
22. Evaluating the cytotoxic activity of five medicinal plants which were used to treat “Oram” in Iranian Traditional Medicine. School of Pharmacy, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

Investigating the antioxidant and cytotoxic activity of *Centaurea albonites*, *Centaurea aucheri* and *Centaurea pseudoscabiosa* on MDBK, HepG2, A549, HT29 and MCF7 cell lines and determination of the most effective one. Pharmaceutical Sciences Branch, Islamic Azad University, Tehran, Iran

طرحهای تحقیقاتی

1. Evaluation of the effects of gaillardin on the proliferation and key markers of apoptosis in human hepatocellular carcinoma cell line HepG2, 2025.
2. Evaluation of the effects of ergolide on the proliferation and key markers of apoptosis in human ovarian cancer cell line SKOV3, 2025.
3. Analgesic medicinal plants in Iranian traditional medicine and the mechanism of action by protein network analysis, 2025.
4. Evaluation of the effects of gaillardin on metastatic and angiogenic factors in a triple negative breast cancer cell line MDA-MB-231, 2025.
5. Evaluation of the effects of gaillardin on metastatic and angiogenic factors in human ovarian cancer cell line SKOV3, 2025
6. Evaluation of the effects of gaillardin on some autophagy-related factors and JAK/STAT signaling pathway in human breast cancer cell line MCF7, 2024.
7. Investigating the synergistic effect of Gaillardin and arsenic trioxide on apoptosis induction in acute promyelocytic leukemia cell line (HL-60), 2024.
8. Formulation and quality control of Fennelis syrup, 2023.
9. Evaluation of the effects of britannin on some autophagy-related factors and

- JAK/STAT signaling pathway in human breast cancer cell line MCF7, 2023.
10. Effect of “Monziq-e-balgham” on airway inflammation and histopathological changes in Balb/c mouse model of ovalbumin-induced allergic asthma, 2022.
 11. Formulation of “Monzeg-e-soda” syrup according to Iranian Traditional Medicine references and determining the assessment indicators for the product, 2022.
 12. Quality control assessment of medicinal plants in "Monzej-e-balgham" formulation and preparation of dry herbal extract, 2022.
 13. Preparation, quality control and antidepressant evaluation of dodder extract in Balb C mice, 2022.
 14. Evaluating the effect of f “Monzej-e-balgham” tablet and syrup on stomach mucus in male rat, 2022.
 15. Evaluating the DNA damaging and cytotoxic Effect of some plants from Kohgilouye and Boyerahmad province, 2022.
 16. Cytotoxic activity of some medicinal plants from Kohgiluyeh-va-BoyerAhmad, 2022.
 17. Evaluating the apoptotic potential of *Acanthophyllum bracteatum* and *Acanthophyllum microcephalum* extracts in MCF-7 cells, 2022.
 18. Evaluating the cytotoxic activity of the extracts and fractions obtained from the peels and nuts of *Crocus pallasii* subsp. *haussknechtii* corms in MCF-7, HepG-2, A-549, HT-29 and MDBK cells, 2022.
 19. Evaluating the apoptotic potential of *Achillea filipendulina* and *Acroptilon repens* extracts in MCF-7 cells, 2022.
 20. Evaluation of cytotoxic effect of *Gypsophila ruscifolia* Boiss, 2022.
 21. Phytochemical study *Gypsophila ruscifolia* Boiss, 2021.
 22. Investigating the apoptotic effect of Gaillardin on acute promyelocytic leukemia cell line (HL-60), 2020.
 23. Evaluating the effect of purified Britanin on Acute Lymphoblastic Leukemia cell line (MOLT-4), 2019.
 24. Apoptotic potential of sesquiterpene lactone Ergolide on Acute lymphoblastic leukemia cell line through NF-kappa B inhibition, 2018.
 25. Comparing the effect of topical ginger oil with oral ginger on the menstrual flow, 2018.
 26. Investigating the effect of Sesquiterpene lactone Gaillardin alone and in combination with vincristine on the induction of apoptosis in acute lymphoblastic leukemia cell line (Nalm-6), 2017.

27. Survey of cytotoxic activity of selected species of the family Lamiaceae in Iran against MCF7, HT29, HepG2, MDBK, and A549 cells, 2017.
28. Evaluating the apoptotic potential of gaillardin isolated from *Inula oculus-christi*, 2013.
29. Investigation for cytotoxic activity and isolation of active compounds of one species of *Inula*, 2011.

فعالیت‌های اجرایی

- ❖ مدیر گروه داروسازی سنتی دانشکده طب سنتی، دانشگاه علوم پزشکی شهید بهشتی (۱۳۹۷ تا کنون)
- ❖ سر دبیر مجله رسمی انجمن فارماکوجنوزی ایران (RJP) Research Journal of Pharmacognosy (۱۳۹۵ تا کنون)
- ❖ معاون آموزشی، دانشجویی و فرهنگی دانشکده طب سنتی دانشگاه علوم پزشکی شهید بهشتی (۱۴۰۳-۱۴۰۱)
- ❖ دبیر اجرایی مجله (RJP) Research Journal of Pharmacognosy (۱۳۹۵-۱۳۹۳)
- ❖ مسئول روابط بین الملل دانشکده طب سنتی دانشگاه علوم پزشکی شهید بهشتی (۱۴۰۱-۱۳۹۴)
- ❖ مدیر دفتر توسعه آموزش دانشکده طب سنتی دانشگاه علوم پزشکی شهید بهشتی (۱۳۹۵-۱۳۸۹)
- ❖ مسئول آزمایشگاه کشت سلولی مرکز تحقیقات طب سنتی و مفردات پزشکی دانشگاه علوم پزشکی شهید بهشتی (۱۳۹۱-۱۳۹۰)

زمینه های تحقیقاتی

- ❖ بررسی اثرات سایتوتوکسیک و آپوپتوتیک گیاهان دارویی
- ❖ جداسازی و خالص سازی ترکیبات طبیعی
- ❖ فرمولاسیون فراورده های طبیعی