



## **Ehsan Salarkia**

**Gender:** Male

**Date of birth:** June 16<sup>th</sup> 1989

**Nationality:** Iranian

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## **Profile**

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PhD Candidate in Neurosciences

Research Assistance in Leishmaniasis Research Center, School of Medicine, Kerman University of Medical Sciences, Kerman, Iran

## **Education**

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- **PhD in Neurosciences**

**2024 to present**

Kerman University of Medical Sciences

- **Master Science in Developmental Biology**  
**2013-2015**

Islamic Azad University, Karaj Branch

- **Bachelor Science in Biology**  
**2008-2011**

Payam Noor University of Kerman

## **Work Experience**

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### **Kerman University of Medical Sciences**

- Research Assistance in Leishmaniasis Research Center 2017 to present
- Co-working as Researcher in Physiology Research Center from 2015 to present

## **Laboratory Skills**

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- Animal experimentation (mice and rat)
- PCR & qPCR
- ELISA
- SDS-PAGE, Western blot & Dot blot
- Cell culture
- Statistical analysis

## **Academic Social Profile**

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[Google Scholar](#) [Scopus](#) [Orcid](#)

[Researchgate](#)

1. Zarrinkar F, Sharifi I, **Salarkia E**, Keyhani A, Babaei Z, Khamesipour A, et al. Assessment of the antileishmanial activity of diallyl sulfide combined with meglumine antimoniate on *Leishmania major*: Molecular docking, in vitro, and animal model. *Plos one*. 2024;19(8):e0307537.
2. Shahsavari S, Sharifi I, **Salarkia E**, Keyhani A, Sharifi F, Babaei Z. In silico and experimental potentials of 6-shogaol and meglumine antimoniate on *Leishmania major*: multiple synergistic combinations through modulation of biological properties. *Immunologic Research*. 2024:1-14.
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9. Sharifi I, Khosravi A, Aflatoonian MR, **Salarkia E**, Bamorovat M, Karamoozian A, et al. Cutaneous leishmaniasis situation analysis in the Islamic

Republic of Iran in preparation for an elimination plan. *Frontiers in Public Health*. 2023;11:1091709.

10. Sharifi F, Sharifi I, Ohadi M, Mohamadi N, **Salarkia E**, Banat IM, et al. The potential role of lipopeptide biosurfactant generated by *Acinetobacter junii* B6 on *Leishmania tropica*: The synergy of lipopeptide biosurfactant and Glucantime. *International Journal of Peptide Research and Therapeutics*. 2023;29(4):57.

11. **Salarkia E**, Sharifi I, Keyhani A, Tavakoli Oliaee R, Khosravi A, Sharifi F, et al. In silico and in vitro potentials of crocin and amphotericin B on *Leishmania major*: Multiple synergistic mechanisms of actions. *Plos one*. 2023;18(9):e0291322.

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13. Salari Z, Khosravi A, Pourkhandani E, Molaakbari E, **Salarkia E**, Keyhani A, et al. The inhibitory effect of 6-gingerol and cisplatin on ovarian cancer and antitumor activity: In silico, in vitro, and in vivo. *Frontiers in oncology*. 2023;13:1098429.

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of a chick embryo model. *Biochemical and biophysical research communications*. 2018;505(3):794-800.

48. **Salarkia E**, Sepehri G, Torabzadeh P, Abshenas J, Saberi A. Effects of administration of co-trimoxazole and folic acid on sperm quality and histological changes of testes in male rats. *International Journal of Reproductive BioMedicine*. 2017;15(10):625.

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## Abstracts

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1. **Salarkia, E.** Leishmanicidal activity of *Gossypium hirsutum* extract and its fractions on *Leishmania major* in a murine model. 2022. *National Medicinal Chemistry and Phytochemistry*.
2. **Salarkia, E.** Enzyme and Enzyme. 2018; 4rd International Conference on Applied Research in Chemistry and Biology.
3. **Salarkia, E.** Effects of subacute administration of Trimethoprim / Sulfamethoxazole and folic acid on ovarian tissue in adult female rats. 2017. *International Conference of Biomedicine*.
4. **Salarkia, E.** Climate Change and its Impact on the Prevalence of Leishmaniasis in Kerman, Iran, Kerman, Iran, 2017. *International Conference of Climate Changes and Health System*.
5. **Salarkia, E.** The effect of temperature changes on infertility indices in patients referred to Najmieh infertility treatment center, Kerman, Iran, 2017. *International Conference of Climate Changes and Health System*.

6. **Salarkia, E.** Effect of folic acid supplementation on acute effects of co-trimoxazole on quality of sperm and histopathological changes in the testes of adult male rats 2015. Afzalipour Internation Medical Congress.