

# Elahe Naderali

## Education:

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- **2013-2019**

**Ph.D.** in Department of Anatomical sciences, Faculty of Medicine, Tabriz University of Medical Sciences, Tabriz, Iran

**Thesis subject:** The effect of AKT and PI3K inhibition on proliferation and apoptosis in the acute lymphoblastic leukemia and evaluation of IL-7 on PI3K/AKT pathway

- **2010-2013**

**Master's degree** in Department of Anatomical Sciences, Faculty of Medicine, Tehran university of medical science, Tehran, Iran

**Thesis subject:** The role of rosemary extract in degeneration of hippocampal neurons induced by Kainic acid in the rat: A behavioral and histochemical approach

- **2003-2005**

**Bachelor's degree** in Department of Radiology, Faculty of Paramedicine, Iran university of medical science, Tehran, Iran

## Research interests:

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Leukemia, cellular signaling pathways in cancer biology, targeted therapy, anticancer drugs, cancer drug resistance, cancer therapy, tumor suppression, tumor microenvironment, stem cell-based therapy, radiation biology.

## Publications:

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### Published:

- Valipour B, Abedelahi A, **Naderali E**, Velaei K, Movassaghpour A, Talebi M, Montazersaheb S, Karimipour M, Darabi M, Chavoshi H, Charoudeh HN. Cord blood stem cell derived CD16+ NK cells eradicated acute lymphoblastic leukemia cells using with anti-CD47 antibody. *Life sciences*. **2020** Feb 1;242:117223.
- **Naderali E**, Valipour B, Khaki AA, Rad JS, Alihemmati A, Rahmati M, Charoudeh HN. Positive effects of pi3k/akt signaling inhibition on PTEN and P53 in prevention of acute lymphoblastic leukemia tumor cells. *Advanced pharmaceutical bulletin*. **2019** Aug;9(3):470.
- **Naderali E**, Nikbakht F, Ofogh SN, Rasoolijazi H. The role of rosemary extract in degeneration of hippocampal neurons induced by kainic acid in the rat: A behavioral and histochemical approach. *Journal of integrative neuroscience*. **2018** Jan 1;17(1):31-43.
- **Naderali E**, Khaki AA, Rad JS, Ali-Hemmati A, Rahmati M, Charoudeh HN. Regulation and modulation of PTEN activity. *Molecular biology reports*. **2018** Dec;45(6):2869-81.
- Valipour B, Mohammadi SM, Abedelahi A, Maragheh BF, **Naderali E**, Dehnad A, Charoudeh HN. Culture filtrate ether extracted metabolites from *Streptomyces levis* ABRIINW111 increased apoptosis and reduced proliferation in acute lymphoblastic leukemia. *Biomedicine & Pharmacotherapy*. **2018** Dec 1;108:216-23.
- Mohammadian A, **Naderali E**, Mohammadi SM, Movasaghpour A, Valipour B, Nouri M, Charoudeh HN. Cord blood cells responses to IL2, IL7 and IL15 cytokines for mTOR expression. *Advanced pharmaceutical bulletin*. **2017** Apr;7(1):81.
- **Naderali E**, Rasolijazi H, Nikbakht F, Soleimani M, Nobakht M. Effect of Rosemary Extract against the Toxicity of Kainic Acid in Rats. *Journal of Babol University of Medical Sciences*. **2014** Oct 10;16(10):38-44.

## Translation of book:

**Histology and Cell Biology: An Introduction to Pathology** by Abraham L Kierszenbaum, Laura Tres

Translation was a collaborative work of Rfat A, Naghibi M, Asli Kh, Javadi M, **Naderali E**, Dolatkah MA

## Congress Poster presentations:

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- **Elahe Naderali**, Intraperitoneal injection of kainic acid as a selective inducer neurodegenerative role in animal models of temporal lobe, **2<sup>th</sup> Neuroscience congress (2013), Tehran, Iran**
  - **Elahe Naderali**, Effect of Rosemary extract on hippocampal memory impairment induced by Kainic acid toxicity, **12<sup>th</sup> Anatomical Science congress (2016), Tehran, Iran**
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## Workshops:

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- Research Methodology (2012), Tehran University of Medical Science, Tehran, Iran
- SPSS (2013), Tabriz University of Medical Science, Tabriz, Iran
- Flow cytometry (2016), Tabriz University of Medical Science, Tabriz, Iran
- GraphPad Prism (2017), Tabriz University of Medical Science, Tabriz, Iran

## Work Experiences:

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- **2023- present**  
**Assistant Professor** in Maragheh University of Medical Science, Faculty of Medicine, Maragheh, Iran
- **2021-2022**  
**Lecturer** in Department of Anatomical Sciences, Faculty of Medicine, Azad University, Tabriz, Iran
- **2017-2022**  
**Radiology Technologist** in Taleghani Educational and Therapeutic Center, Tabriz, Iran
- **2013-2017**  
**Paid educational mission** in Taleghani Educational and Therapeutic Center, Tabriz, Iran  
**Teaching assistant** in Tabriz University of Medical Science, Tabriz, Iran
- **2008-2013**  
**Radiology Technologist** in Taleghani Educational and Therapeutic Center, Tabriz, Iran

## Skills:

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- MTT method
- Western blot
- Flow cytometry
- Real time PCR
- Isolation of cord blood mononuclear cells
- Induction of rodent's Epilepsy models
- Perfusion fixation of rodents and tissue preparation methods
- Behavioral assessments of animals (Passive avoidance task and Morris Water Maze)

## Language:

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- Persian (native)
- Turkish
- English