

Fereshteh Kazemi-Aghdam

LAST UPDATE: Sep 2022

PERSONAL INFORMATION

Email

fereshtehkazemiaghdam@gmail.com

LinkedIn

linkedin.com/in/fereshtehkazemi-aghdam-18a0021a4

GoogleScholar

<https://scholar.google.com/citations?hl=en&user=bqSFWtYAAAAJ>

EXPERIENCE

2018 - 2021 **Research assistant in cell culture lab**
University of Tarbiat Modares, Tehran, Iran

2018 - 2021 **Research assistant in tissue engineering and drug delivery lab**
University of Tarbiat Modares, Tehran, Iran

EDUCATION

2022 - Present **Doctor of Philosophy**
Department of Biomaterials Research, Polymer Institute SAV

2017 - Feb 2020 **Master of Science**
Biomedical Engineering Division, Faculty of Chemical Engineering, University of Tarbiat Modares
Master's thesis: The Use of Halloysite Nanotubes in Injectable Chitosan Hydrogel for Bone Tissue Engineering

RESEARCH INTEREST

Regenerative Medicine
Tissue Engineering
Injectable Hydrogel
Drug Delivery
Nanomedicine

PUBLICATIONS

Research article

Injectable Chitosan Hydrogels Embedding Modified Halloysite Nanotubes for Bone Tissue Engineering

Journal of Carbohydrate polymers| 2021

F Kazemi-Aghdam, V Jahed, M Dehghan-Niri, F Ganji, E Vasheghani-Farahani*

<https://doi.org/10.1016/j.carbpol.2021.118311>

Book Chapter

In Situ Tissue Engineering: A New Dimension

Springer | 2021

Y Ertas, A Vaziri, K Abedi-Dorcheh, F Kazemi-Aghdam, M Sohrabinejad, R Tutar, F Rastegar-Adib, N Ashammakhi*

https://link.springer.com/chapter/10.1007/978-981-16-4420-7_13

Review article

A Review of Recent Advances in Natural Polymer-Based Scaffold for Musculoskeletal Tissue Engineering

Polymers| 2022

J Fan, K Abedi-Dorcheh, A Vaziri, F Kazemi-Aghdam, S Rafieyan, M Sohrabinejad, M Ghorbani, F

Rastegar Adib ,Z Ghasemi, K Klavins*, V Jahed*

<https://doi.org/10.3390/polym14102097>

AWARDS AND HONORS

- Award for supporting **high-quality research articles** of Iran Nanotechnology Innovation Council (INIC) for the article entitled "Injectable Chitosan Hydrogels Embedding Modified Halloysite Nanotubes for Bone Tissue Engineering" | 2022
- Received **full scholarship** from Tarbiat Modares University for master's degree| 2017
- **Ranked in the top 1%** among more than 20,000 participants in Nation-Wide University Entrance Exam of chemical engineering| 2017
- **Ranked in the top 2%** among more than 300,000 participants in Nationwide University Entrance Exam| 2012