



مرکز علوم و فنساورى نانو



Center for Nanoscience & Nanotechnology
Sharif University of Technology

Name: Zahra Zare Khalili

Email: zahrazare.1370@yahoo.com

Education

BSc.

University: University of Guilin

Major: Textile Engineering- Textile Chemistry and Fiber Science

Thesis: Dyeing the silk fabric

Supervisor: Dr. Ali Shams Nateri

Msc.

University: Amirkabir University of Technology

Major: Textile Engineering- Nanofibrous Structures Engineering

Thesis: The effect of electrospinning parameters on diameter and biological properties of nanofibers produced from PCL/Tragacanth

Supervisor: Dr. Hajir Bahrami, Dr. Mokhtar. Arami

PhD

Thesis:

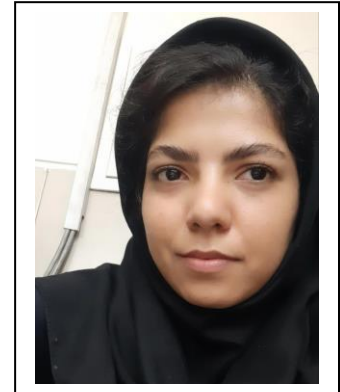
Supervisors:

Research Experience:

- Tissue engineering
- Drug delivery systems
- Textile

Publications:

- 1) "Fabrication and characterization of PVA/Gum tragacanth/PCL hybridnanofibrous scaffolds for skin substitutes". **International Journal of Biological Macromolecules** (2017)



- 2) "Double nozzle Electrospinning of Gum tragacanth/Poly (vinyl alcohol) and Poly (ϵ -caprolactone) for developing skin substitutes". 5th International Biennial **Conference** on Ultrafine Grained and Nanostructured Materials (2015)
- 3) "Preparation and Characterization Nanofibers from Poly (ϵ -caprolactone)/Poly (vinyl alcohol)/Tragacanth Hybrid Scaffolds". The 13th Asian Textile **Conference** (2015)
- 4) "Release Tetracycline Hydrochloride from Scaffolds Containing the Gum Tragacanth, Poly (vinyl alcohol) and Poly (ϵ -caprolactone)". First **Congress** of Chemical Biotechnology (2016)
- 5) "Fabrication and Characterization of Tetracycline Hydrochloride Loaded Gum Tragacanth/Poly (vinyl alcohol) - Poly (ϵ -caprolactone) Nanofibers for Development Skin Scaffolds". Second International **Conference** in New Research on chemistry & chemical engineering (2018)