



Personal information

Name: Atefe Yaghoubi

Date of birth: 1990

Place of birth: Isfahan- Iran

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Education

I. Ph.D. in anatomical sciences / Shiraz University of medical sciences / 2017-2022/
Thesis: The effect of prednisolone loading in ameliorating of fibrosis formation after transplantation of decellularized liver to partial hepatectomized rats/ Supervisor: Dr.Tahere Talaei.

II. Master of anatomical sciences / Kerman University of medical sciences / 2013-2016/ Thesis: Effects of Insulin replacement and omega- 3 on sperm parameters and testis structure of streptozotocin- induced diabetic mice/ Supervisor: Dr. Seyed-Noureddin Nematollahi mahani.

III. Bachelor of surgical technology / Isfahan University of medical sciences / 2009-2013.

Job experience

Operation room technician, Amin Hospital, Esfahan, 2016(for 9 months)

ISI Publication

I. **Atefe Yaghoubi**, Abbas Shahedi, Hakime Akbari, and Seyed Noureddin Nematollahi-Mahani/ Do Insulin Replacement and Omega3 Protect the Male Reproductive Function of the Streptozotocin-Induced Diabetic Mice?/ Journal of Nutrition and Metabolism/ 2017, <https://doi.org/10.1155/2017/6102985>.

II. **Atefeh Yaghoubi**, Negar Azarpira, Saied Karbalay-Doust, Sajad Daneshi, Zahra Vojdani, and Tahereh Talaei-Khozani/ Prednisolone and mesenchymal stem cell preloading protect liver cell migration and mitigate extracellular matrix modification in transplanted decellularized rat liver/ Stem Cell Research & Therapy/ 2022/ <https://doi.org/10.1186/s13287-022-02711-8>.

III. Tahereh Talaei-Khozania, **Atefeh Yaghoubi** */ An overview of post transplantation events of decellularized scaffolds/ Transplant Immunology/ 2022/ <https://doi.org/10.1016/j.trim.2022.101640>

VI. **Atefeh Yaghoubi**, Negar Azarpira, Saied Karbalay.Doust, Sajad Daneshi, Zahra Vojdani and Tahereh Talaei.Khozani/ The impact of the decellularized implant on the histopathology and function of the recipients' liver/ International Journal of Organ Transplantation Medicine/ 2022 .

V. Farid Torabizadeh, Tahereh Talaei-Khozani, **Atefeh Yaghoubi**, Matthew Walker, Esmail Mirzaei/ Enhancing chondrogenic differentiation of mesenchymal stem cells through synergistic effects of cellulose nanocrystals and plastic compression in collagen-based hydrogel for cartilage formation/ International Journal of Biological Macromolecules/2024/ <https://doi.org/10.1016/j.ijbiomac.2024.132848>

Conference attended

7th Yazd international congress and student award in reproductive medicine with the congress of reproductive genetics and congress of reproductive immunology/ 27-30 April, Yazd, Iran.

Research experiment

I. Immunohistochemistry

II. Isolation of mesenchymal stem cells from rat bone marrow

III. Cell culture (adherent and non-adherent)

IV. 3D culture

V. Decellularization of tissue, especially liver

VI. Transplantation of scaffold in vivo

VII. Tissue staining: Hematoxylin and Eosin (H&E), Alcian Blue, Masson's Trichrome, Aldehyde Fuchsin, Periodic acid Schiff, Hoechst, Pkh26

VIII. Tissue processing and Sectioning (microtomy)

IX. DNA quantification

X. Stereology

Teaching Experience

I. The teaching of 7 units of anatomical courses / Kerman University of medical sciences

II. The teaching of 15 units of anatomical and histological courses/ Shiraz University of medical sciences

III. The teaching of 11.5 units of anatomical courses / Lorestan University of medical sciences

Skills and abilities

Graph pad prism, Word, Power point, Endnote, publisher, Camtasia, Ocam