



## CURRICULUM VITAE



- **Personal Background:**

*Name:* Maziar Malekzadeh

*Date of Birth:* 1993/3/1

*Nationality:* iranian

*Marital Status:* single

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- **Current Position:**

Assistant Professor of tissue engineering

- **Education:**

- Ph.D., in tissue engineering, (2018-2023), Faculty of Medicine, iran University of Medical Science, Tehran, Iran
- M.Sc, in Anatomical Sciences, (2015-2018), Faculty of Medicine, tarbiat modares University, Tehran, Iran
- B.Sc, in anesthesia, (2011-2015), Faculty of medicine, mazandaran University of Medical Science, sari, Iran

- **Thesis:**

- Designing and synthesis of In-Situ hydrogel based on pullulan/carboxymethyl chitosan containing parathyroid hormone for bone tissue engineering

- The effect of sodium selenite on apoptotic gene expression and development of in vitro cultured mouse oocytes in comparison with in vivo obtained oocytes

### **Activity & Teaching:**

Teaching anatomy, embryology and tissue engineering. *in vitro* and *in vivo* tests.

### • **Publication:**

#### **A. Papers**

1. Designing and Synthesis of In-Situ Hydrogel Based on Pullulan/Carboxymethyl Chitosan Containing Parathyroid Hormone for Bone Tissue Engineering. Maziar Malekzadeh Kebria, A Karimi, N Peyravian, C Delattre, M Ghasemian, P Michaud, N Amini. *Materialia*.2024.
2. Evaluation of inherent properties of the carboxymethyl cellulose (CMC) for potential application in tissue engineering focusing on bone regeneration. A Mehrabi, SZ Jalise, A Hivechi, S Habibi, MM Kebria, MA Haramshahi, *Polymers for Advanced Technologies* 2024.
3. Copper/cobalt doped strontium-bioactive glasses for bone tissue engineering applications. Alasvand, S Simorgh, MM Kebria, A Bozorgi, S Moradi, VH Sarmadi. *Open Ceramics*.2023.
4. Additive manufacturing of bioactive glass biomaterials. Sara Simorgh, Neda Alasvand, Mahboobe Khodadadi, Faezeh Ghobadi, Maziar Malekzadeh Kebria, Peiman Brouki Milan, Saeid Kargozar, Francesco Baino, Ali Mobasheri, Masoud Mozafari. *Methods*.2022.
5. Development of chitosan/hyaluronic acid hydrogel scaffolds via enzymatic reaction for cartilage tissue engineering. Seyed Mohammad Davachi, Seyed Mohammad Amin Haramshahi, Seyedeh Ava Akhavirad, Naghme Bahrami, Sajad Hassanzadeh, Shahrzad Ezzatpour, Nahid Hassanzadeh, Maziar Malekzadeh Kebria, Mehdi Khanmohammadi, Zohreh Bagher. *Materials Today Communications*.2022.
6. Stem cell therapy for COVID-19 pneumonia. Maziar Malekzadeh Kebria, Peiman Brouki Milan, Noshad Peyravian, Jafar Kiani, Soheil Khatibi, Masoud Mozafari. *Molecular Biomedicine*.2022.
7. Oncogenic Role of Cancer Stem Cell LGR5 in Colorectal Cancer Progression. Sourena Ghorbani Kalkhajeh, Alireza Parsanezhad, Mahdieh Banoei, Maryam Vahidi, Maziar Malekzadeh Kebria, Zahra Pezeshkian, Noshad Peyravian. *Canadian Journal of Medicine*.2021.
8. CRISPR-associated (CAS) effectors delivery via microfluidic cell-deformation Chip. Noshad Peyravian, Maziar Malekzadeh Kebria, Jafar Kiani, Peiman Brouki Milan, Masoud Mozafari. *materials*.2021.

9. Stress Oxidative and Effect of Herbal Antioxidant in Animal Reproduction: Future and Perspective. Maziar Malekzadeh Kebria, Iman Zangiabadi, Taha Ghantabpour, Mahdi Heydari. *plant.biotech persa*.2020

10. The effect of sodium selenite on apoptotic gene expression and development of in vitro cultured mouse oocytes in comparison with in vivo obtained oocytes. MM Kebria, M Salehnia, S Zavareh, SS Moazzeni. *Veterinary Research Forum*.2020.

11. Hesperidin improves the follicular development in 3D culture of isolated preantral ovarian follicles of mice. Hamed Shoorei, Majid Banimohammad, Maziar M Kebria, Mohammad Afshar, Mohammad MH Taheri, Majid Shokoohi, Mohammad SG Farashah, Mina Eftekharzadeh, Omid Akhiani, Robert Gaspar, Hamidreza Pazoki-Toroudi. *Experimental Biology and Medicine*.2019.

12. Stem cells: prospects for cardiac regeneration: an overview. Alireza Rezapour-Lactoe, Seyed Mohammad Amin Haramshahi, Sepideh Mousazadeh, Arezoo Mehrabi, Vahid Hosseinpour Sarmadi. Maziar MM kebria. *Rahavard Salamat Journal*.2019.

13. Reactive oxygenated species (ROS) in male fertility; source, interaction mechanism and antioxidant therapy. Daryoush Fatehi, Ardeshir Moayeri, Omid Rostamzadeh, Ayoob Rostamzadeh, Maziar Malekzadeh Kebria. *Research Journal of Pharmacy and Technology*.2018.

14. Cryopreservation and strategies for increasing of in vitro fertilization rate using assisted reproductive technologies; review of sperm morphology. Roya Raeisi1, Hiva Mohammadi Bolbanabad, Maziar Malekzadeh kebria, Mohammad Seify. *Journal of Chemical and Pharmaceutical Sciences*.2016.

## ***B. Books***

1. Polymers in wound repair and skin regeneration. Elsevier book.2023. MM Kebria, N Peyravian, PB Milan

2. Molecular mediators of vasculogenesis and angiogenesis M Amoupour, MM Kebria, A Hivechi, N Peyravian, M Ghasemian,. *Biomaterials for Vasculogenesis and Angiogenesis*. Elsevier book.2022.

## • **Presentation:**

*A. Oral*

- **Awards and Honors:**