

Curriculum vitae

Contact info

- Farnoush Kiyanpour
- MSc candidate of Medical biotechnology, Department of Genetics and Molecular Biology, Isfahan University of Medical Sciences – Regenerative Medicine Lab, Isfahan Kidney Diseases Research Center
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Education

- Middle and high school: National Organization for Development of Exceptional Talents (NODET) (2010), Ahvaz, Iran
- Bachelor's degree: Genetics (2014), Chamran university of Ahvaz, Ahvaz, Iran

Research Interests

- Medical biotechnology and genetics
- Regenerative medicine in kidney disease
- Systems biology studies
- Bioinformatics studies

Current activities

- MSc student of medical biotechnology at MUI (from 2015 till now)
- My MSc thesis : “Study of expression changes of novel microRNA and its targets in samples of male DBA mouse model of diabetic nephropathy and comparison with normal mice” (in progress)
- My research project : “Gene expression re-analysis of diabetic nephropathy human model to identify potential drug targets using systems biology approaches view” (In progress)
- Setting up the zebra fish diabetic nephropathy (DN) model (in progress)
- Participate in preparing of the mouse model of diabetic nephropathy model (complete)
- Administration of weekly seminars of Genetics and Molecular Biology department of medical university of Isfahan

Professional skills

- Designing primers
- DNA, RNA, and microRNA purification

- Real-time PCR
- Gel electrophoresis
- Gel purification
- DN animal model preparation

Presentation and congress

- Oral presentation about “Gene Expression Analysis of Pancreatic Beta Cells from Type 2 Diabetes Provides Insights into the Pathogenesis of the Disease”, third national congress of Molecular Medicine, 2016, Isfahan, Iran
- Poster presentation about “Microarray Reanalysis of Diabetic Nephropathy Data Provides Insights into the Pathogenesis of the Disease”, Second international congress of Regenerative Medicine, 2017, Tehran, Iran
- Participant in first congress of USERN, 2016
- Participant in 22th congress of Royan stem cell, 2017
- Executive member of Third Molecular Medicine congress, 2016

Computer skill

Microsoft office – Cytoscape software – Gene Runner software - mDraw software – Mega software – SUMO software – Allele ID software

Language

English - Persian