

Curriculum Vitae

Jafar Kiani

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EDUCATION

- Postdoc: Université de Nice Sophia Antipolis, Inserm U1091, Nice, FRANCE, 1/2012-6/2103. Project: Small noncoding RNAs and their role in regulation of telomere length and cardiac hypertrophy.
- PhD: Molecular Genetic, Université de Nice Sophia Antipolis, Inserm U1091, Nice, FRANCE, 2007-2011. PhD thesis: Epigenetic inheritance and methylation: a role for Dnmt2 RNA methyltransferase.
- MSC: Medical Biotechnology, Tarbiat Modares University, Tehran, IRAN, 2002- 2004: Master thesis: Periplasmic expression of recombinant human growth hormone under control of bacteriophage promoters.
- BSC: Biology , Esfahan University, Esfahan, IRAN, 1998-2002

Honor and scholarship

- EU Marie Curie early stage training fellowship, International Ph.D. Program in Developmental and Cellular Decisions, 2007-2009.
- EMBO fellowship for 3 months in the German Cancer Research Center, Deutsches Krebsforschungszentrum or DKFZ, Heidelberg, Germany, 2011.

- 2nd rank among 913 applicant for master exam entrance, Tehran, IRAN, 2000

Book

- **Jafar Kiani**, Mehdi Shamsara. Principles of Recombinant Protein Expression in *Escherichia coli*. 1st edition, Andisheye Zohor, 1384.

Publications

- **Kiani J**, Naderi M, Torabi-Rahvar M, Ranjbar A, Aghayan HR, Janzamin E, Ahmadbeigi N. Generation of CD19-Targeted Chimeric Antigen Receptor T Cells. Arch Iran Med. 2019 Jan 1;22(1):7-10.
- Hasanzadeh A, Radmanesh F, **Kiani J**, Bayandori M, Fatahi Y, Aref AR, Karimi M. Photoluminescent functionalized carbon dots for CRISPR delivery: synthesis, optimization and cellular investigation. Nanotechnology. 2019 Mar 29;30(13):135101.
- Ghassemi B, Shamsara M, Soleimani M, **Kiani J**, Rassoulzadegan M. Pipeline for the generation of gene knockout mice using dual sgRNA CRISPR/Cas9-mediated gene editing. Anal Biochem. 2019 Mar 1;568:31-40.
- Khatami F, Torabi-Rahvar M, **Kiani J**, Naderi M, Ahmadbeigi N. Addressing cancer immunotherapy research in Iran: adoptive cell therapy on the horizon. Cytotherapy. 2018 Oct;20(10):1227-1237. 2018 Sep 26. Review.
- Ghanbarian H, Wagner N, Polo B, Baudouy D, **Kiani J**, Michiels JF, Cuzin F, Rassoulzadegan M, Wagner KD. Dnmt2/Trdm1 as Mediator of RNA Polymerase II Transcriptional Activity in Cardiac Growth. [PLoS One](#). 2016 Jun 6;11(6)
- Grandjean V, Badro DA, **Kiani J**, RNA: a possible contributor to the 'missing heritability', [Basic and Clinical Andrology](#), 2013, 23:91
- **Kiani J**, Grandjean V, Liebers R, Tuorto F, Ghanbarian H, Lyko F, Cuzin F, Rassoulzadegan M. RNA-mediated epigenetic heredity requires the cytosine methyltransferase Dnmt2. [PloS Genetic](#). 2013 May;9(5):e1003498. (IF:10)

- **Kiani J**, Rassoulzadegan M. A load of small RNAs in the sperm - how many bits of hereditary information? [Cell Research](#). 2012 Dec 25. (IF: 10.52)
- Kawano M, Kawaji H, Grandjean V, **Kiani J**, Rassoulzadegan M. Novel Small Noncoding RNAs in Mouse Spermatozoa, Zygotes and Early Embryos. [Plos One](#). 2012;7(9): e44542 . (IF: 3.24)
- **Kiani J***, Arefian E*, Soleimani M, Shariati SA, Aghaee-Bakhtiari SH, Atashi A, Gheisari Y, Ahmadbeigi N, Banaei-Moghaddam AM, Naderi M, Namvarasl N, Good L, Faridani OR. Analysis of microRNA signatures using size-coded ligation-mediated PCR. [Nucleic Acids Res](#). 2011 Jul; 39 (12):e80. *: [equal contribution](#) (IF: 8.278)
- Nadri S, Soleimani M, **Kiani J**, Atashi A, Izadpanah R. Multipotent mesenchymal stem cells from adult human eye conjunctiva stromal cells. [Differentiation](#). 2008 Mar; 76(3): 223-31. (IF: 3.011)
- Mohammadi Y, Soleimani M, Fallahi-Sichani M, Gazme A, Haddadi-Asl V, Arefian E, **Kiani J**, Moradi R, Atashi A, Ahmadbeigi N. Nanofibrous poly(epsilon-caprolactone)/poly(vinyl alcohol)/chitosan hybrid scaffolds for bone tissue engineering using mesenchymal stem cells. [Int J Artif Organs](#). 2007 Mar; 30(3): 204-11. (IF: 1.414)
- Bazl MR, Rasaei MJ, Foruzandeh M, Rahimpour A, **Kiani J**, Rahbarizadeh F, Alirezapour B, Mohammadi M. Production of chimeric recombinant single domain antibody-green fluorescent fusion protein in Chinese hamster ovary cells. [Hybridoma](#). 2007 Feb; 26(1):1-9.
- Fallahi-Sichani M, Soleimani M, Najafi SM, **Kiani J**, Arefian E, Atashi A. In vitro differentiation of cord blood unrestricted somatic stem cells expressing dopamine-associated genes into neuron-like cells. [Cell Biol Int](#). 2007 Mar;31(3):299-303. (IF: 1.64)
- **Kiani J**, Zomorodipour A, Ahmadzadeh Raji M, Sanati MH. Construction of recombinant plasmids for the periplasmic expression of human growth hormone in Escherichia coli under T7 and lac Promoter. [The Journal of Science Islamic republic of Iran](#). 2003, 14 No.4. 311-316

References

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