# *Curriculum Vitae*

## سعید محمدی حسین آباد: کارشناس ارشد زیست شناسی سلولی مولکولی-ژنتیک

**الف- اصلاعات شخصی**

**نام و نام خانوادگی:** سعید محمدی حسین اباد

**تاریخ تولد**: ۱۳۶۸/۶/۱۹

**محل تولد:** رفسنجان

**وضعیت تاهل:** مجرد

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**ب- سوابق تحصیلی دانشگاهی به ترتیب تاریخ اخذ مدرک:**

**۱-کارشناسی زیست شناسی سلولی مولکولی ژنتیک**– دانشگاه آزاد اسلامی واحد پزشکی تهران- ۱۳۹۱

**۲-کارشناسی ارشد زیست شناسی سلولی مولکولی ژنتیک**- دانشگاه آزاد اسلامی واحد ورامین پیشوا - ۱۳۹۷

**ج- سوابق پژوهشی:**

**۱**-چاپ ۶ مقاله در مجلات معتبر خارجی (در CV انگلیسی در بخش پایین بطور کامل مشخص شده اند)


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## Professional Education

- BSc in Cellular & Molecular Biology-Genetics (Jan 2009-Jan 2013) Islamic Azad University, Tehran Medical Branch, Tehran, Iran. GPA: 16.16 out of 20

- MSc in Biology-Genetics (Sep 2015- Sep 2018) Islamic Azad University, Varamin-Pishva Branch, Tehran, Iran.The subject of my thesis was "The study of mir-141-3p , mir-210-3p and mir-146-b expression in non-small cell long cancer".GPA:18.27out of 20

## Research Experiences

- **Research Assistant**, Shahid Beheshti University of Medical Sciences, Tehran, Iran (Jan 2014- Jan 2016). Collecting samples from patients with parkinsonism, extracting DNA, primer design, and collecting information of genes involved in Parkinson in Dr. Hossein Darvish's laboratory in collaboration with Icahn School of Medicine at Mount Sinai University, New York, USA. This investigation revealed novel gene mutations in parkinsonism.

- **Research Assistant**, Geniran laboratory, Tehran, Iran (Apr 2016 – Jan 2018). Performing techniques including miRNA extraction, RT-PCR, cDNA synthesis and real-time PCR to identify new biomarkers of the lung cancer cells in Dr. Morteza karimipour's laboratory.

## Industrial and academic skills

- Expert of molecular techniques contains DNA extraction, total RNA extraction, primer design, cDNA synthesis, RT-PCR, real-time PCR.
- Creation of educational software about the primer design and familiar with SPSS.

## Publications

- Bagheri-Jamebozorgi M, Keshavarz J, Nemati M, **Mohammadi-Hossainabad S**, Rezayati MT, Nejad-Ghaderi M, Jamalizadeh A, Shokri F, Jafarzadeh A. The persistence of anti-HBs antibody and anamnestic response 20 years after primary vaccination with

recombinant hepatitis B vaccine at infancy. Human vaccines & immunotherapeutics. 2014 Dec 2;10(12):3731-6

- Haghnejad L, Emamalizadeh B, Jamshidi J, Bidoki AZ, Ghaedi H, Ahmadi E, Abdollahi S, Shahmohammadibeni N, Taghavi S, Fazeli A, Motallebi M,**Mohammadihosseinabad S**,Movafagh A. Variation in the miRNA-433 binding site of FGF20 is a risk factor for Parkinson's disease in Iranian population. Journal of the Neurological Sciences. 2015 May 27;355(1-2):72-4.
- Atakhorrami M, Rahimi-Aliabadi S, Jamshidi J, Moslemi E, Movafagh A, Ohadi M, Mirabzadeh A, Emamalizadeh B, Ghaedi H, Gholipour F, Fazeli A,**Mohammadihosseinabad S**,Madani F. A genetic variant in CAMKK2 gene is possibly associated with increased risk of bipolar disorder. Journal of Neural Transmission. 2016 Mar 1;123(3):323-8.
- Taghavi S, Chaouni R, Tafakhori A, Azcona LJ, Firouzabadi SG, Omrani MD, Jamshidi J, Emamalizadeh B, Shahidi GA, Ahmadi M, Habibi SA,**Mohammadihosseinabad S**,Habibi A. A clinical and molecular genetic study of 50 families with autosomal recessive parkinsonism revealed known and novel gene mutations. Molecular neurobiology. 2018 Apr;55(4):3477-89.
- Zarei S, Molavi F, Abasnezhad FA, Majidi B, **Mohammadihosseinabad S**, Ranjbar FE, Vatanparast M. The effects of vitamin E supplementation on sperm parameters, chromatin integrity, and gene expression before and after freezing in aged mice. Korean Journal of Fertility and Sterility. 2024 Jan 30.
- Parastoo Karimi, Mohammad Reza Mirzaei, Farzaneh Arami, Zahra Bagheri-Hosseinabadi, Mitra Abbasifard, Saeed Mohammadi-Hosseinabad, Zahra Jalali, Mehdi Mahmoodi , Mohammad Reza Hajizadeh. The role of serum zinc and MicroRNAs in osteoporosis: insight into bone metaboism and potential diagnostic markers.BMC Musculoskelet Disord **26**, 772 (2025).