



# Certificate of Completion

Date: 2024/08/21  
of Exam Passing



This is to certify that

**Siamak Amirtaheri Afshar**

has successfully completed **18** hours online course on  
**Molecular Dynamic Simulation with NAMD/VMD & LAMMPS**  
presented by **Nano Education Website** with passing grade of **2.20** out of 4.

*Nano Education Foundation Managing Director*

*mohammad mohammadi*



5<sup>th</sup>

International  
Cancer Conference:  
From Bench to Bedside

February 14-15 , 2024

Certificate



No: 02/2133  
Date: 15 Feb. 2024



Siamak Amirtaheri afshar

has participated in the  
5<sup>th</sup> International Cancer Conference: from Bench to Bedside

February 14-15, 2024

Royan Institute  
Tehran, Iran

Rouhollah Fathi, PhD  
Deputy of Education

Mohammad Reza Zali, MD  
Co-Scientific Secretary

*m. Zali m.d.*

[www.royan.org](http://www.royan.org)

This certificate is invalid without Royan hologram.

Sharif Moradi, PhD  
Co-Scientific Secretary

*S. Moradi*



# Certificate of Attendance

This is to certify that



*Siamak Amirtaheri Afshar*

has attended the 7th International Congress on Biomedicine (ICB) that was held on  
November 9th - 14th, 2023

*Prof. Daryush Farhud*  
Scientific Secretary of the Congress



*Dr. Mostafa Ghanei*  
Chairman of the Congress



TEHRAN UNIVERSITY  
OF  
MEDICAL SCIENCES



# PROFESSIONAL TECHNICAL CERTIFICATE

Siamak Amirtaheri Afshar

**Has Successfully Attended The ICB 2023  
Training Course Entitled:**

CRISPR-CAS9 WORKSHOPS

- An Introduction of Crispr Systems
- Different Types of Crispr Systems
- Application of Crispr-Cas9
- SGRNA Design

HELD IN : TEHRAN, IRAN

DATE HELD 2023.08.05

WORKSHOP LENGTH : 9 HOURS

Scientific Secretary of the Congress

Professor Dariush Farhood

[www.icbcongress.com](http://www.icbcongress.com)





TEHRAN UNIVERSITY  
OF  
MEDICAL SCIENCES



# PROFESSIONAL TECHNICAL CERTIFICATE

Siamak Amirtaheri Afshar

**Has Successfully Attended The ICB 2023  
Training Course Entitled:**

DRUG DESIGN WORKSHOPS

- History of Drug Design
- Pharmaceutical R
- Fundamentals of Drug Discovery and Design
- Virtual Screening

HELD IN : TEHRAN, IRAN  
DATE HELD 2023.03.11  
WORKSHOP LENGTH : 9 HOURS



Scientific Secretary of the Congress

Professor Dariush Farhood

[www.icbcongress.com](http://www.icbcongress.com)



BioMedicine  
International Conference



THE 7TH INTERNATIONAL CONGRESS ON BIOMEDICINE

# CERTIFICATE

## OF ESSAY PRESENTATION

It is hereby certified that essay of

*Siamak Amirtaheri afshar\**

Entitled "*Genetic evolution Ophiocordyceps unilateralis*" in the 7th International Congress on BioMedicine (ICB2023), held on November 9th - 14th, 2023. The essay presented in an oral.

*Prof. Daryush Farhud*

Scientific Secretary of the Congress

*Farhud*



*Dr. Mostafa Ghanei*

Chairman of ICB2023 Congress



# CERTIFICATE OF TRAINING

THIS IS TO CERTIFY THAT:

NAME : **Siyamak Amir Taheri Afshar** ID NO : "2981289535"

HAS SUCCESSFULLY PASSED THE COURSE ON

COURSE NAME : **Drug Design**

HELD BY: **BioinfCamp**

DATE AND COURSE DURATION:

Mar 16, 2023 / 6h

REGISTRATION NUMBER: **436087380**



**BIOINFCAMP**



[www.BioinfCamp.com](http://www.BioinfCamp.com) [BioinfCamp@gmail.com](mailto:BioinfCamp@gmail.com) [Cert@BioinfCamp.com](mailto:Cert@BioinfCamp.com)

Certificate Validation: [BioinfCampCert.Com](http://BioinfCampCert.Com)

Chairman of Biomeditine  
Congress

Dr. Mostafa Ghanei



COURSE DATE

2023.03.15

Verification: [icbcongress.com/verification](http://icbcongress.com/verification)  
Congress Website: [www.icbcongress.com](http://www.icbcongress.com)

Certificate No.: GLP44910



### Microarray Analysis in R

Has Successfully Attended the International Congress On  
Biomedicine (ICB 2023) Training Course Entitled

*Silvia Guitardelli Gómez*

## CERTIFICATE OF TRAINING



The 7th International Congress on Biomeditine



# PROFESSIONAL TECHNICAL CERTIFICATE

Siamak Amirtaheri Afshar

**Has Successfully Attended The ICB 2023  
Training Course Entitled:**

MICROARRAY ANALYSIS IN R

- Downloading Microarray Data from GEO Database
- Data Structure of Gene Expression
- Differential Gene Expression Analysis
- Exporting Results

HELD IN : TEHRAN, IRAN

DATE HELD 2023.03.15

WORKSHOP LENGTH : 9 HOURS



Scientific Secretary of the Congress

Professor Dariush Farhood

[www.icbcongress.com](http://www.icbcongress.com)

*The 7th International Congress on Biomedicine*



TEHRAN UNIVERSITY  
OF  
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## **CERTIFICATE OF TRAINING**

*Siamak Amirtaheri Afshar*

*Has Successfully Attended the International Congress On  
Biomedicine (ICB 2023) Training Course Entitled*

**Crispr-cas9 Workshops**



**Certificate No. : GLP47791**

**Congress Website: [www.icbcongress.com](http://www.icbcongress.com)**

**Verification: [icbcongress.com/verification](http://icbcongress.com/verification)**



**2023.08.05**

*COURSE DATE*

*Dr. Mostafa Ghanei  
Chairman of Biomedicine  
Congress*

*The 7th International Congress on Biomedicine*



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OF  
MEDICAL SCIENCES



## **CERTIFICATE OF TRAINING**

*Siamak Amirtaheri Afshar*

Has Successfully Attended the International Congress On  
Biomedicine (ICB 2023) Training Course Entitled

**Drug Design Workshops**

Certificate No. : **GLP44947**

Congress Website: [www.icbcongress.com](http://www.icbcongress.com)

Verification: [icbcongress.com/verification](http://icbcongress.com/verification)



**2023.03.11**

COURSE DATE



*Dr. Mostafa Ghanei*  
Chairman of Biomedicine  
Congress

*The 7th International Congress on Biomedicine*



TEHRAN  
UNIVERSITY  
OF  
MEDICAL  
SCIENCES



## ***CERTIFICATE OF TRAINING***

*Siamak Amirtaheri Afshar*

*Has Successfully Attended the International Congress On  
Biomedicine (ICB 2023) Training Course Entitled*

**Data Visualisation in R**

*Certificate No. : GLP44640*

*Congress Website: [www.icbcongress.com](http://www.icbcongress.com)*

*Verification: [icbcongress.com/verification](http://icbcongress.com/verification)*



**2023.02.24**

*COURSE DATE*



*Dr. Mostafa Ghanei*

*Chairman of Biomedicine  
Congress*



TEHRAN UNIVERSITY  
OF  
MEDICAL SCIENCES



# PROFESSIONAL TECHNICAL CERTIFICATE

Siamak Amirtaheri Afshar

**Has Successfully Attended The ICB 2023  
Training Course Entitled:**

DATA VISUALISATION IN R

- Importing and Manipulating Data
- Introduction to ggplot2
- Customizing Plots
- Plot Anything

HELD IN : TEHRAN, IRAN  
DATE HELD : 2023.02.24  
WORKSHOP LENGTH : 9 HOURS



Scientific Secretary of the Congress

Professor Dariush Farhood

[www.icbcongress.com](http://www.icbcongress.com)



Biotechnology  
Development Headquarters

# CERTIFICATE OF COMPLETION

IS AWARDED TO

## Siamak Amirtaheri afshar

Has completed the 60-Hours specialized course in "Internship In Molecular Genetics" held by the International School of Biotechnology in the Genomics Laboratory, Health Park of Shahid Beheshti University of Medical Sciences, in 2024.01.16

Dr. Dariush Norouzian  
Scientific secretary of National School of  
Biotechnology of Iran

Dr. Seyed Mohammad Reza Mehrabi  
Education Secretary of National School of  
Biotechnology of Iran  
Head of Nanobiotechnology Department of  
Pasteur Institute of Iran

جمهوری اسلامی ایران

شماره: ۱۳۰۲۰/۱۴۰۳/۲۹۰-۱۴۰۳/۶۲۴  
تاریخ: ۱۴۰۳/۶/۲۴  
پیوست: ندارد  
۱۰۵۲



انستیتو پاستور ایران

جشن تولید پژوهشگران

برگمال

گواهی نامه

به این وسیله گواهی می‌نماید جناب آقای سیامک امیر طاهری افشار دانشجوی کارشناسی رشته زیست‌فناوری دانشگاه آزاد اسلامی واحد تهران مرکزی، در بخش‌های فارج شناسی‌ماکتی شناسی و آزمایشگاه مرجع انسیتو پاستور ایران را بر نظر مسئولین مربوطه جمعاً به مدت ۲۴۰ ساعت کارآموزی نموده و آموزش‌های لازم را فراگرفته است.

دکتر سید داود سپاهادت  
سرپرست آموزشی و فرهنگی دانشجویی



نشانی: تهران - خیابان پاستور - پلاک ۷۵ گدیستی ۱۴۱۶۹۴۳۵۵۱ تلفن: ۰۲۰-۶۶۹۵۳۳۱۱ فاکس: ۰۲۰-۶۶۹۵۱۲۲

صفحه الکترونیکی: <http://www.pasteur.ac.ir>

ایمیل: [dabirkhaneh@pasteur.ac.ir](mailto:dabirkhaneh@pasteur.ac.ir)





International Institute of New Sciences (IINS)

# CERTIFICATE

## OF ACHIEVEMENT

Certificate No: 214339

Issue Date: 07-22-2024

This certificate is hereby bestowed upon

**Siamak Amirtaheri Afshar**

for participating in a 36-hour practical training course entitled

### **School of Oncology & Tumor Therapy Design**

held by the International Institute of New Sciences (IINS) in Autumn 2023

during which the participant managed to develop theoretical knowledge and practical skills  
in the following main areas:

Introduction to cellular & molecular oncology

Key molecular mechanism of carcinogenesis

Practical guide to cancer bioinformatics resources

Principles of holistic and systems oncology

Cancer genome analysis and prediction of carcinogenic variances

Cancer transcriptome and differential gene expression analysis

Reconstruction and analysis of cancer bimolecular networks

Bioinformatics-guided identification of cancer biomarkers

Systems biology guided identification of cancer drug targets

From systems bioinformatics to cancer synergistic therapy design

Dr. Meysam Mobasher  
The President of IINS





# CERTIFICATE

## OF ACHIEVEMENT

Certificate No: 208449

Issue Date: 07-25-2024

This certificate is hereby bestowed upon

*Siamak Amirtaheri Afshar*

for successfully completing a 36-hour (7-day) comprehensive research internship course on

### School of Oncology & Tumor Therapy Design

which was held by the International Institute of New Sciences (IINS) in Collaboration with  
Swiss Pharma Commerce During Winter 2024

Dr. Ali A. Mohammadi

Founder and CEO  
Swiss Pharma Commerce

A handwritten signature in black ink, appearing to read 'SPC' followed by a stylized name.



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