



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE: - ID: **6885**

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type A fellowship at **Dipartimento di \_\_\_\_ Dipartimento di Scienze Biomediche, Chirurgiche ed Odontoiatriche \_\_\_\_**

Scientist- in - charge: **Prof. Zuccato**

## CURRICULUM VITAE

### PERSONAL INFORMATION

Surname	Shiri
Name	Sajad

### PRESENT OCCUPATION

Appointment	
Not Applicable	Not Applicable

### EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree	Bachelor of Cellular & Molecular Biology -Biotechnology,	Rabe Rashid University, Iran	2011
Master	Microbial Biotechnology, Tehran, Iran, Sep	Science and Research Branch of Azad University,	Feb 2020
Master	Medical Biotechnology	Baqiyatallah University of Medical Sciences,	Sep 2017

### REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City
Not Applicable	Not Applicable	Not Applicable



## FOREIGN LANGUAGES

Languages	level of knowledge
English	Proeficient

## TRAINING OR RESEARCH ACTIVITY

-Laboratory Techniques: PCR, Gel electrophoresis, ELISA, Cell Culture, Animal Lab, Mass Spectrometry.  
-Bioinformatics: Data analysis, Machine Learning, Deep Learning, R programming, Python programming , Molecular Dynamic, Design of Experiment (DOE).

## PROJECT ACTIVITY

Year	Project
2022	Activity of a Novel Antimicrobial Peptide with Nitric Oxide Induction against some Pathogenic Bacteria.
2017	An electrochemical sensor for the simultaneous determination of rifampicin and isoniazid using a C-dots@ CuFe <sub>2</sub> O <sub>4</sub> nanocomposite modified carbon paste electrode.
2015	Planarians: an in vivo model for regenerative medicine
2017	The effect of Glycyrrhiza glabra on osteoarthritis: suppression of TNF- $\alpha$ , IL-1 $\beta$ , Cox-2, iNOS gene expression and prostaglandin E2 and nitric oxide production in chondrocytes and monocyte/macrophages

## PATENTS

Patent
- Novel antimicrobial peptide with nitric oxide induction against some gastrointestinal pathogenic bacteria (Filed Dec 17, 2022)

## CONGRESSES AND SEMINARS

Date	Title	Place

## PUBLICATIONS

Books (Not Applicable)



Projects
1) <b>Anti-Microbial Peptides</b>
2) Biosensors
3)

Congress proceedings (Not Applicable)
[title, structure, place, year]

## OTHER INFORMATION

<b>Broad Research Areas:</b>

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Please note that CV WILL BE PUBLISHED on the University website and It is recommended that personal and sensitive data should not be included. This template is realized to satisfy the need of publication without personal and sensitive data.

Please DO NOT SIGN this form.

Place and date: sajad shiri (03/05/2024)