



I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Dipartimento di _____ Biological Science _____**

Scientist- in – charge: _____ Anna Moroni _____

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Jiang
Name	Xuan

PRESENT OCCUPATION

Appointment	Structure
no	no

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree	Clinical Medicine	Hebei University	2017
Specialization			
PhD	Physiology	Hebei Medical University	2022
Master			
Degree of medical specialization			
Degree of European specialization			
Other			

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REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City
20/10/2023	Chinese Society of Neurology	Nanjing
24/05/2023	Oriental Congress of Cardiology	Shanghai
07/05/2022	Chinese Physiological Society	Shijiazhuang
06/09/2019	Hebei Physiological Society	Handan

FOREIGN LANGUAGES

Languages	level of knowledge
English	CET-4

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2018	Scholarship, Second Prize

TRAINING OR RESEARCH ACTIVITY

description of activity
Patch clamp recording of isolated and cultured cells
Small animal ultrasonic instrument
Recording Calcium Transient by Laser Scanning Confocal Microscope
Cardiomyocytes contraction using Ionoptix moving edge detector
Optical mapping to detect action potential and calcium signal
Langendorff perfusion of heart to record the cardiac function
Cultured HEK293 cells and neonatal cardiomyocytes
Western blot, real time PCR technique and Immunohistochemical staining

PROJECT ACTIVITY

Year	Project
2021-2023	Role and Loop Mechanism of Solitary Nucleic Acid Sensitive Ion Channels in Hypertensive Amplified Respiratory-Sympathetic Coupling

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2020-2022	Mechanism of dopamine D1 receptor-mediated myocardial inhibition of fatty acid binding protein type 4
2019-2021	Study on the role and mechanism of Krüppel-like factor 4 in FFA-induced hepatic insulin resistance

PATENTS

Patent
no

CONGRESSES AND SEMINARS

Date	Title	Place
20/10/2023	Chinese Society of Neurology	Nanjing
24/05/2023	Oriental Congress of Cardiology	Shanghai
31/12/2022	Cardiovascular science and technology innovation and transformation Forum	Wuhan
07/05/2022	Chinese Physiological Society	Shijiazhuang
06/04/2022	MaxWell In vitro 2D / 3D neural network Summit	Shijiazhuang
18/11/2021	Online seminar on the coupling of calcium signals and excitation contraction	Shijiazhuang
27/10/2021	Leica STED Club High-end microscopic imaging technology exchange meeting	Shanghai
10/10/2021	Chinese Physiological Society	Tianjin
07/08/2021	The 8th International Ion Channel Conference	Tianjin

PUBLICATIONS

Books
no

Articles in reviews
[Acetate suppresses myocardial contraction via the short-chain fatty acid receptor GPR43., <i>Frontiers in Physiology</i> , First author, <i>Frontiers</i> , 2022]
[Effect of FABP4 on contractile function and calcium transient in mouse ventricular myocytes, <i>Shandong Pharma</i> , Fourth author, <i>Shandong provincial hospital</i> , 2021]

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Congress proceedings
no

OTHER INFORMATION

2016.07-2017.07 Practice in the Affiliated Hospital of Hebei University
2018.11-2019.05 Participate in postgraduate teaching activities in Hebei Medical University.
2018.06 Seminar on frontier technology of microscopic imaging
2018.04 The Third Academic Forum for Young Scholars of Ion Channels

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: _____ Shijiazhaung, Hebei,China _____, _____ 25/12/2023 _____