

INFORMAZIONI PERSONALI

OCCUPAZIONE PER LA QUALE
SI CONCORRE
POSIZIONE RICOPERTA
OCCUPAZIONE DESIDERATA
TITOLO DI STUDIO
OBIETTIVO PROFESSIONALE

Targeting Chronic Myeloid leukaemia with chemical inhibitors against the RNA demethylase FTO. SAPIEXCELLENCE 2023

ESPERIENZA
PROFESSIONALE

01/2020-01/2023

PhD Student in Genetics and Molecular Biology

Sapienza University of Rome (Charles Darwin Department)

Epitranscriptomics. Molecular and chemical biology techniques. Proficiency in nucleic acids manipulation. Protein purification. Molecular cloning. Drug screening. Cell culture. Primary Cells Culture. Lentiviral packaging and infections. CRISPR gene editing systems. Differential expression analysis,

06/2019

Instructor iGEM-Madrid Team 2019

Universidad Complutense de Madrid (Department of Biochemistry and Molecular Biology)

- Automatization of cell-SELEX and cell-ELONA assay by Laboratory pipetting Robots, OpenTrons-2.
- Developing Aptasensors by immunochromatography technique, LFA.
- Optimization of the aptamer characterization technique, ELONA (Enzyme-Linked Oligonucleotide Assays). - Designing synthetic biology experiments using Golden Gate Assembly. Expression and Purification of recombinant proteins.

Attività o settore Biotechnology

06/2018

Instructor iGEM-Madrid Team 2018

Universidad Complutense de Madrid (Department of Genetics)

Discovery specific aptamers against molecules of interest by using SELEX technique. Aptamer characterization by ELONA assay. Fund raising

Attività o settore Biotechnology

ISTRUZIONE E FORMAZIONE

01/2020-01/2023

PhD in Genetics and Molecular Biology

Sapienza University of Rome

2016-2018 **Master's Degree in Environmental and Industrial Biotechnology**

Pablo de Olavide University

2010-2016 **Bachelor's Degree in Biology**

University of Sevilla

COMPETENZE PERSONALI

Lingua madre Spanish

Altre lingue

	COMPRESIONE		PARLATO		PRODUZIONE SCRITTA
	Ascolto	Lettura	Interazione	Produzione orale	
English	C1	C1	C1	C1	C1
Sostituire con il nome del certificato di lingua acquisito. Inserire il livello, se conosciuto					
Italian	C1	B2	B2	B1	B1
Sostituire con il nome del certificato di lingua acquisito. Inserire il livello, se conosciuto					

Livelli: A1/A2: Utente base - B1/B2: Utente intermedio - C1/C2: Utente avanzato

[Quadro Comune Europeo di Riferimento delle Lingue](#)

Competenze comunicative Good communication skills gained through my experience as student at university just as coordinator of Madrid iGEM Team.

Competenze organizzative e gestionali Leadership.
Laboratory management (Acquired through my experience working in iGEM, where I had to manage a biochemistry lab by myself).
Creative thinking and design (Gained through participate in projects in different fields).

Patente di guida B

ULTERIORI INFORMAZIONI

Publicazioni	- Attend and poster presentation in the ARCH Closing Conference organised by FEBS. 2023. Title: Exploring the anti-cancer effect of FTO inhibition in Chronic Myeloid Leukemia.
Presentazioni	- Project Management for Scientists EMBO Course. 2023
Progetti	- Attend to SIBBM2022, Frontiers in Molecular Biology: "The RNA World3.0" conference organised by Sapienza. 2022.
Conferenze	- Attend and presentation of ARCH project at the different conferences organised by the ARCH Network. 2020-2023.
Seminari	- Attend and poster presentation in the "Epitranscriptome" conference organised by EMBO. Title: Newinsight into the catalytic -dependent and -independent roles of METTL3 in sustaining aberrant translation in Chronic MyeloidLeukemia.
Riconoscimenti e premi	- Attend and presentation of the project "AEGIS" in the Biotechnology conference organized by MIT, International Genetically Engineered Machine Competition (iGEM-2019). Team awarded with Silver Medal.
Appartenenza a gruppi / associazioni	- Attend and presentation of the project "Internet of BioThings" in the Biotechnology conference organized by MIT, International Genetically Engineered Machine Competition (iGEM-2018). Team awarded with Silver Medal.
Referenze	
Menzioni	
Corsi	
Certificazioni	
ALLEGATI	

Dati personali Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali".

Il sottoscritto Guillermo Fernandez Rodriguez dichiara di essere consapevole che il presente *curriculum vitae* sarà pubblicato sul sito istituzionale dell'Ateneo, nella Sezione "Amministrazione trasparente", nelle modalità e per la durata prevista dal d.lgs. n. 33/2013, art. 15.

Data : 02/08/2023

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