

# Laura Sen Martin

Date and place of birth: 25/12/1997, Málaga

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**Current position:** hired on contract in Molecular Mechanics of the Cardiovascular System group (National Center for Cardiovascular Research, CNIC (Madrid))

## Education

2020-present

Researcher in Training  
Molecular Mechanics of the Cardiovascular system group (CNIC)

2019-2020

Master of Science in Biochemistry, Molecular Biology and Biomedicine  
Complutense University of Madrid

2015-2019

Bachelor Science in Biochemistry  
University of Malaga and University of Seville (Average mark: 8.84)

2009-2015

Compulsory Secondary Education and Baccalaureate  
(Average mark 9.58 with honor)  
IES Capellanía, Alhaurín de la Torre, Málaga

## Professional experience

2019-2020

**CNIC-ACCIONA Master's Degree Fellowship**  
National Center for Cardiovascular Research (CNIC) (Madrid)  
Final Master's work: "Molecular bases of pathogenicity in animal models of hypertrophic cardiomyopathy".

2018-2019

**Collaboration fellowship from the Ministry of Education, Culture and Sport (MECD)** (Servicios Centrales de Apoyo a la Investigación (SCAI), Málaga)  
Department of Molecular Biology and Biochemistry (University of Málaga)  
Research Project: "Characterization of new candidates for anti-angiogenic and/or anti-tumour drugs".

## Research experience and techniques used

- **2019-present:** Final Master's work (CNIC). Molecular Biology techniques (protein extraction, electrophoresis in SDS-PAGE and Western Blot, nucleic acids isolation and quantification, cDNA synthesis, real time PCR, design of primers), immunofluorescence.

- **2018-2019: MECD Collaboration Grant.** Cell line cultures (bovine aortic endothelial cells) and subculture. MTT assay for the characterisation of new antiangiogenic drug candidates, wound healing assay and tube formation assay.

## Courses and congresses

- Course 25 hours (July 2019): "Genetic diagnosis: molecular bases, genetic pathologies and basic diagnostic methods". General Foundation of the University of Málaga (FGUMA)
- 4th Conference on Biotechnology Techniques and the Omic Sciences (University of Malaga, academic year 2018-2019). Presentation and exhibition of a poster about MALDI-TOF proteomic technique.
- Poster presentation. "EMBO Workshop Cardiomyocyte Biology" organised by the European Molecular Biology Organization (EMBO) from 30 May to 2 June 2021
- Poster presentation. "43th Annual Meeting of the Spanish Society of Biochemistry and Molecular Biology" from 19 to 22 July 2021.
- Poster presentation. "European Muscle Conference" organised by the European Society for Muscle Research (ESMR) in collaboration with the Polish Biochemical Society (PTBioch), 20-22 September 2021.
- Poster presentation. "Working group on Myocardial and Pericardial Diseases" organised by the European Society of Cardiology (ESC), 8-9 October 2021.

## Organisation of scientific events

- Participation in the organisation of CNIC PhDay 2021 –“Building bridges: Science and Society” December 17<sup>th</sup>, Madrid, Spain

## Other personal skills

Foreign language (English)	Auditory Comprehension	Reading Comprehension	Oral interaction	Written expression
	B1	B2	B1	B2
Cambridge B1 and B2 School of Languages Complutense				

- Professional Degree in Piano (Professional Conservatory of Music, Gonzalo Martín Tenllado, Málaga). Participation in three musicals in collaboration with the School of Dramatic Arts of Málaga (ESAD, 2014,2015 and 2016).
- Driving licence B