

BIOGRAPHICAL SKETCH

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NAME: **Lucía Méndez Peralta**

eRA COMMONS USER NAME (credential, e.g., agency login):

POSITION TITLE: Laboratory technician

EDUCATION/TRAINING (*Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.*)

INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date MM/YYYY	FIELD OF STUDY
Colegio Valle del Miro, Madrid, SPAIN	Field-Specific Training	06/2017	Anatomy Pathology and Cytodiagnostic Technician

A. Personal Statement

I am a dedicated research laboratory technician with a focus on supporting cutting-edge biomedical research through meticulous mouse mutant colony maintenance, genotyping, and immunofluorescence techniques. With a deep commitment to high-quality laboratory practices, I specialize in the daily care, breeding, and management of genetically modified mouse models, ensuring optimal health and precise lineage tracking for reliable research outcomes. My skills in PCR-based genotyping and immunofluorescence enable accurate molecular characterization of transgenic and knockout strains, supporting projects that aim to unravel the genetic underpinnings of cardiovascular and developmental disorders. I am passionate about my role in facilitating impactful research by ensuring rigorous data collection and sample handling, contributing to the discovery process and to advancing scientific knowledge. I thrive in collaborative environments and am motivated to continuously enhance my technical proficiency, helping researchers achieve their goals in translational science.

B. Positions, Scientific Appointments, and Honors N/A**C. Contributions to Science**

Supervision of trainees' laboratory technicians