

Experienced Scientist & Project Manager | **Gene Editing & iPSC Exper**

Marilú Losito

PhD & Project Manager

Maria Lucrezia Losito is a **Scientist and Project Manager** with expertise in **CRISPR-based genome editing** and **iPSC technologies**. She completed her **PhD at AstraZeneca UK** as part of the **LightDynamics Consortium**, an **Innovative Training Network (ITN)** funded by a **Marie Skłodowska-Curie grant** at the **University of Durham**. Her research focused on advancing **gene editing technologies** and exploring the interactions between **Cas nucleases and DNA**, including **Cas12a** and **high-fidelity Cas variants**.

After her PhD, **Maria Lucrezia** joined the **iPSC/CRISPR facility at ERIBA (UMCG)** as a **Postdoctoral researcher**, where she expanded her expertise in **iPSC reprogramming, culture, and characterization**, and deepened her knowledge of **gene editing**. She also refined her skills in **sequencing technologies**, such as **single-cell and bulk RNA and DNA sequencing**.

Now at **iPsomics**, Maria Lucrezia combines her **scientific background with project management**. She **coordinates research efforts, manages cross-functional teams**, and works closely with **clients** to design **custom projects** that meet their specific needs. She oversees **project execution**, ensuring they align with both **scientific goals** and **client expectations**.

Her work is dedicated to advancing **innovative solutions** in **gene editing** and **disease modeling**, contributing to the development of **personalized medicine** and **therapeutic applications**.