

CV

I am Luca Pierucci, a passionate researcher currently pursuing a PhD in Inflammatory and Infectious Diseases, Therapeutic Strategies, and Bio-law under the guidance of Prof. Giuseppe Servillo and Prof. Maria Agnese Della Fazia. My academic journey began with a bachelor's degree in biotechnology in 2021, followed by a Master's Degree in Pharmaceutical Biotechnology in 2023.

EXPERTISE IN LAB

My expertise spans various laboratory techniques, from histology to advanced molecular biology methodologies. Internships have been pivotal in my growth, allowing me to master cytological and histological sample preparation, as well as molecular biology techniques such as DNA/RNA extraction, PCR, Western Blot, Gel Electrophoresis, Real-Time PCR, Cloning, Mini/Maxiprep, immunofluorescence, immunohistochemistry, and cell cultures. During my PhD, I will investigate the involvement of HOPS in cellular senescence, particularly in Oncogene-Induced Senescence (OIS). To study this aspect, knockout cell lines for the HOPS gene will be generated using CRISPR-Cas9.