

## ROBERTO RICCIARDIELLO

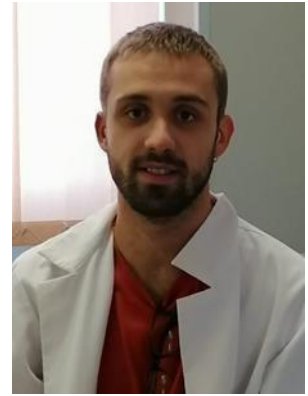
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(SA) · **Email:**

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**LinkedIn account: Roberto**

**Ricciardiello Born: 09/03/1996**



## EMPLOYMENT HISTORY

**01/05 - 30/09 2021**

**RESEARCH FELLOWSHIP**, CNR at the IGM institute in Pavia

"Space-time regulation of translesion synthesis and its consequences on DNA damage tolerance and chemotherapy resistance"

**2020 - 2021**

**INTERNSHIP**, CNR, IBPM ROMA

Thanks to the internship in CNR at the IBPM institute in Rome, I was able to participate in the characterization of artificial transcriptional factors as a therapeutic strategy in congenital muscular dystrophy type 1A (MDC1A). In this year of training I was able to evaluate the reactivation of Laminin  $\alpha 1$  following treatment with artificial transcription factors of the Zinc Finger type previously synthesized and cloned in Adeno-associated viral vectors. In fact, Laminin  $\alpha 1$  represents the embryonic homolog of Laminin  $\alpha 2$  (mutant in MDC1A patients).

Acquired techniques: manipulation of human cell lines (HeLa, JAR, AAV293 etc), analysis of RT-PCR, Western Blotting, Luciferase assays, Padlock assay, immunofluorescence, chromatin immunoprecipitation and various transfection protocols.

## EDUCATION

**09/2018 - 01/2021**

**MASTER'S DEGREE IN GENETIC AND MOLECULAR BIOLOGY (LM-6)**, "LA SAPIENZA" - UNIVERSITY OF ROMA

Following the course of study in Genetics and Molecular Biology, I was able to acquire specific knowledge in the fields of molecular biology, oncology, virology, classical genetics, epigenetics, protein analysis.

One-year internship at the CNR (IBPM institute, Rome)

EXPERIMENTAL THESIS: ARTIFICIAL TRANSCRIPTIONAL FACTORS USED AS A THERAPEUTIC STRATEGY FOR TYPE 1 CONGENITAL MUSCULAR DYSTROPHY (MDC1A)

Vote: 110/110, cum laude

**09/2015 - 09/2018**

**BACHELOR'S DEGREE IN BIOLOGICAL SCIENCE**, UNIVERSITY OF SALERNO

Following the course of study in Biological Sciences, I was able to acquire general knowledge in the fields of biochemistry, organic and inorganic chemistry, pathology, plant biology, microbiology and mathematics.

4-month internship at the San Giovanni di Dio Ruggi D'Aragona hospital, SALERNO

COMPILATIVE THESIS: STRUCTURAL AND FUNCTIONAL CHARACTERISTICS OF ALPHA SINUCLEIN AND IT'S ROLE IN NEURODEGENERATIVE DISEASES

Vote: 103/110

**09/2010 - 07/2015**

**SCIENTIFIC HIGH SCHOOL**, "IIS GENOVESI - DA VINCI, SALERNO"

## **LANGUAGES**

CERTIFICATE ENGLISH B2 (ESB)

## **CURRENT ACTIVITY**

Phd student in Genetics, Molecular and Cellular Biology at the university of Pavia