

PERSONAL INFORMATION

Chiara Reale

📍 Fondazione IRCCS Istituto Neurologico Carlo Besta
Unit of Medical Genetics and Neurogenetics
Via Libero Temolo 4, 20126 Milan

✉ Chiara.reale@istituto-besta.it

Gender: F | Nationality: Italian

ORCID: 0000-0002-7493-758X

WORK EXPERIENCE

From 15-06-2020 to date

Italian NHS Researcher

Health Researcher in Fondazione IRCCS Istituto Neurologico Carlo Besta, Unit of Medical Genetics and Neurogenetics

- Application of Next-generation sequencing (NGS) technology , specifically targeted resequencing , in movement disorders study

From 01-11-2014 to 14-06-2020

Contract Researcher

Molecular biologist in Fondazione IRCCS Istituto Neurologico Carlo Besta, Unit of Medical Genetics and Neurogenetics

- Application of Next-generation sequencing (NGS) technology , specifically targeted resequencing , in movement disorders and autism spectrum disorders study.

From 01-06-2009 to 30-09-2014

Fellowship

Molecular biologist in Fondazione IRCCS Istituto Neurologico Carlo Besta, Unit of Medical Genetics and Neurogenetics

- Use of principal biomolecular techniques for the study of genetic basis of movement disorders

From 17-10-2006 to 31-05-2009

Internship

Graduate student in Fondazione IRCCS Istituto Neurologico Carlo Besta, Unit of Medical Genetics and Neurogenetics

- Learning of principal biomolecular techniques for the study of genetic basis of movement disorders

EDUCATION AND TRAINING

25/09/2014

Registration in the Italian National Order of Biologist

Section A, number AA_071666

07/07/2014

Qualifying exam to exercise the biological profession

University of Insubria-Varese

27-04-2009

Master's Degree in Biomolecular Biology,

University of Milano-Bicocca

TECHNICAL SKILLS

DNA and RNA extraction and quantification, PCR (Polymerase Chain Reaction), Real-time PCR, MLPA (Multiplex Ligation-Dependent Probe Amplification), horizontal and capillary electrophoresis, RFLP, knowledge of bioinformatic tools for Sanger sequencing, variants pathogenicity prediction and Next-generation sequencing (NGS), preparation library for Next Generation Sequencing (NGS) (MiSeq, Illumina).