

## PERSONAL INFORMATION

### Elena Rinaldi

📍 Fondazione IRCCS Istituto Neurologico Carlo Besta  
UO Neurologia IV  
Via Amadeo 42, 20133 Milano

✉ [Elena.rinaldi@istituto-besta.it](mailto:Elena.rinaldi@istituto-besta.it)

Gender: F | Nationality: Italian

ORCID: <https://orcid.org/0000-0003-0744-7238>

## WORK EXPERIENCE

From 15/06/2020 - today

### Italian NHS Researcher

Foundation IRCCS Istituto Neurologico Carlo Besta (UO Neurology IV, Laboratory of Preclinical Neuroimmunology)

- Study of immunomodulatory mechanisms in neurological autoimmune diseases through cellular and experimental models

From 02/05/2019 – to 14/06/2020

### Research fellowship

Foundation IRCCS Istituto Neurologico Carlo Besta (UO Neurology IV, Laboratory of Preclinical Neuroimmunology)

- Autoimmune neuromuscular diseases: molecular characterization and study of pathogenetic mechanisms in cellular or experimental models.

From 02/05/2018- to 30/04/2019

### Research fellowship

Foundation IRCCS Istituto Neurologico Carlo Besta (UO Neurology IV, Laboratory of Preclinical Neuroimmunology)

- Autoimmune neuromuscular diseases: molecular characterization and study of pathogenetic mechanisms in cellular or experimental models.

From 02/07/2018 – to 17/08/2018

### Visitor scientist

John Radcliffe Hospital, Nuffield Department of Clinical Neuroscience (Neuromuscular Disorders Group) Oxford, UK

- Development of a cell-based assay for detection of autoantibodies in immune-mediated neurological diseases.

From 05/05/2017 – to 30/04/2018

### Research Fellowship

Foundation IRCCS Istituto Neurologico Carlo Besta (UO Neurology IV, Laboratory of Preclinical Neuroimmunology)

- Autoimmune neuromuscular diseases: molecular characterization and study of pathogenetic mechanisms in cellular or experimental models.

From 11/05/2016 – to 30/04/2017

### Research Fellowship

Foundation IRCCS Istituto Neurologico Carlo Besta (UO Neurology IV, Laboratory of Preclinical Neuroimmunology)

- Autoimmune neuromuscular diseases: molecular characterization and study of pathogenetic mechanisms in cellular or experimental models

From 01/05/2015 to 30/04/2016

### Research Fellowship

Foundation IRCCS Istituto Neurologico Carlo Besta (UO Neurology IV, Laboratory of Preclinical Neuroimmunology)

- Immune-mediated and inflammatory disorders of the nervous system: study of immunopathogenetic mechanisms in experimental and cellular models

From 02/02/2015 to 30/04/2015

### Research Fellowship

IRCCS Centro San Giovanni di Dio-Fatebenefratelli (Laboratory of Molecular Markers)

- Identification of molecular markers in patient with fronto-temporal dementia and Alzheimer

From 04/03/2013 to 18/07/2014

### **Experimental thesis internship**

University of Trieste (Department of Life Sciences, Laboratory of cellular and developmental neurobiology)

- Development of a cell-based assay for the detection of autoantibodies in patients with autism

## **EDUCATION AND TRAINING**

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29/10/2021

### **Master in Data Management and coordination of clinical trials**

University of Piemonte Orientale (Department of Translational Medicine)

- Conduction and coordination of clinical trials

18/07/2014

### **International Master's degree in Neuroscience**

University of Trieste (Department of Life Sciences, Laboratory of cellular and developmental neurobiology)

- Role of autoimmunity in autistic spectrum disorders. Knowledge of clinical and cognitive neuroscience and neurobiology

16/09/2011

### **Bachelor's degree in Biotechnology**

University of Trieste (Department of Life Sciences, Laboratory of cellular and developmental neurobiology)

- Diagnostic tests for idiopathic autoimmune diseases

Jul/2008

### **Scientific High School Diploma**

Istituto d'Istruzione Superiore Linussio, Codroipo

## **TECHNICAL SKILLS**

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Molecular biology (RNA extraction, retrotranscription, real-time PCR, ELISA, western blot)

Cell biology (cell lines and primary cultures of antigen-specific T cells, bone-marrow derived dendritic cells)

Cloning and protein expression

Flow cytometry

Histochemistry and immunofluorescence

Confocal and super-resolution microscopy

Induction of experimental models of myasthenia gravis

Writing of scientific articles and projects

Tutoring of students and fellows

Executor of animal experimentation projects

Coordination of phase III clinical trials