



**Valeria Sonia Tiranti**

**Unit of Molecular Genetics and Neurogenetics**

Fondazione IRCCS Istituto Neurologico Carlo Besta, Milan, Italy

- **Education:**

- University of Milan – Biology degree cum laude: 1989.
- University of Milan – Specialization in Medical Genetics cum laude: 2001

- **Present Position:**

- Responsible for the Lab of Molecular Pathology of Mitochondrial Disorders, Unit of Medical Genetics and Neurogenetics, Deputy Scientific Director at Fondazione IRCCS, Istituto Neurologico C. Besta, Milan.

- **Research interests:**

- Dr. Valeria Tiranti has a long-standing expertise in mitochondrial and metabolic disorders, including identification of disease genes, biochemical evaluation of the respiratory chain activities, molecular and cellular biology, and identification of pathogenic mechanisms of diseases.
- Her group performed the characterization of different mouse models and attempted pharmacological treatments in some of them.
- She joined the NBIA field some years ago and she is trying to elucidate the role of mitochondria in neurodegeneration by studying cellular and animal models.

- **Organization:**

- Fondazione IRCCS Neurological Institute C. Besta is an internationally recognized leading Centre in neuroscience; it diagnoses and treats neurological diseases in adults and children and carries out basic and clinical research in Neurology.
- The Unit of Medical Genetics and Neurogenetics is dedicated to research and advanced diagnostic activities to offer a service of excellence to patients, and make progress toward the elucidation of the causes and mechanisms leading to mitochondrial diseases. The Unit is also devoted to the molecular genetics diagnosis of NBIA and other neurodegenerative diseases, such as Parkinson's disease.