

CURRICULUM VITAE

Milena Crippa

Date of birth: 22/05/1984

Nationality: Italian

Researcher of Medical Genetics

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Education/Training:

2006- Degree in Medical Biotechnology (Summa cum laude), University of Milan

2008- Degree in Medical Biotechnology and Molecular Medicine (Summa cum laude), University of Milan

2015- Post Lauream Diploma in Medical Genetics (70/70 cum laude), University of Milan

Employment and Experience:

- **May 2018 – today.** Researcher (RTD-A SSD MED/03) at the Department of Medical Biotechnology and Translational Medicine, University of Milan.
- **Jan 2009 - Apr 2018.** IAI research fellowship, Medical Cytogenetic and Molecular Genetic Lab.
Scientific coordinator: Prof. Palma Finelli.
Research activity aimed at clarifying the genetic etiology of syndromic and non-syndromic conditions, through the identification and characterization of chromosomal and genomic aberrations by cytogenetic/cytogenomic and molecular biology techniques.

Research topics:

My activity is mainly focused on the genetic analysis of rare genetic and genomic syndromes characterized by intellectual disabilities and/or developmental delay, growth disorders, and variable dysmorphic features. My main present research projects are: Investigating for novel genetic defects in Beckwith-Wiedemann and Silver-Russell syndromes by whole-genome approaches; Study of patients with clinical diagnosis of KBG syndrome by *ANKRD11* gene molecular analysis and array CGH; Novel genes and mechanisms underlying Rubinstein-Taybi syndrome; Copy number variations analyses in patients with autism spectrum disorders to identify candidate genes; Identification by array CGH and whole exome sequencing of pathogenic variants in syndromic patients without an easily labeled phenotype or affected by known syndromes but without a molecular diagnosis.

Teaching:

- **2012 – today.** Thesis Advisor: Degree in Medical Biotechnology and Master Degree of Medical Biotechnology and Molecular Medicine, University of Milan
- **2015.** Internal supervisor of erasmus student.
- **AA 2015/2016.** Tutor of Problem Base Learning (PBL) activity, Master Degree in Medicine and Surgery, International Medical School, University of Milan
- **AA 2015/2016.** Tutor of “Cells, Molecules and Genes” course, Master Degree in Medicine and Surgery, International Medical School, University of Milan

Invited seminars:

- **3-5 may 2016.** 3rd European Imprinting Disorders School: oral presentation “Submicroscopic genomic alterations detected by array CGH analysis in a cohort of patients with Silver Russell syndrome found negative to classical (epi)genetic tests” Behoust, France.
- **15 april 2016.** Il Mosaicismo Somatico: Implicazioni Per La Patologia Umana E Metodi Per L'identificazione: oral presentation: “CNV a mosaico e rischio di ricorrenza” Milan.

Main scientific results:

The scientific results of my research activity are documented by **12** peer-reviewed full articles in international journals and more than **30** communications to international and national congresses.

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