CURRICULUM VITAE Prof. Palma Finelli

CV update May 2015
Affiliation:
Medical Genetics
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Work address: Medical Cytogenetics and Molecular Genetics Laboratory, Center of Biomedical Research and Technology, Istituto Auxologico Italiano, via Zucchi 18, 20095 Cusano Milanino (MI).

Education/Training:
1992- Bari-University - Degree in Biological Science (Summa cum laude)
1996- Bari-University- PhD in Genetics and Molecular Evolution
2002- Milan-University - Post Lauream Diploma in Medical Genetics (70/70 cum laude).

Employment and Experience
Palma Finelli, Ph.D, is currently an University Associate Professor of Medical Genetics, Medical School, Department of Medical Biotechnology and Translational Medicine, University of Milan.
She was trained at the Genetics Department of Bari University from 1990 to 1992 as a student undergraduate working on her experimental thesis and gaining experience in molecular genetics.
From 1993 to 1995 she was integrated in Prof. Mariano Rocchi group performing the experimental work resulting in the PhD in Genetics and Molecular Evolution. At that time she was involved in several projects on constitutive genetic diseases, chromosomal evolution and centromeric organization and evolution.
She has been working in the last year of the PhD training (1995-1996) in the Dept. of Pathology, University of Cambridge (UK) (Chairman: Prof. M. Ferguson-Smith) where, under the guide of Dott. J. Wienberg, conducted a study on Old World Monkeys and Great Apes evolution karyotype by using chromosome sorting and cross-species hybridization.
She spent one year (1997) at the Hospital Policlinico Maggiore of Milan working in the research group of Dr. Antonino Neri on a project aimed at the identification of genetic lesions in Multiple Mieloma by molecular biology and molecular cytogenetic techniques.
From 1998 to 2002 she has been working as senior researcher in the lab. of Medical Cytogenetics and Molecular Genetic of Istituto Auxologico Italiano under the scientific coordination of Prof. L. Larizza. Since that time she has regularly contributed to the diagnostic activity of syndromes based on chromosomal rearrangement by using multicolour FISH methods for either the fine characterization of structural chromosomal alterations evidenced through standard cytogenetics or the identification of cryptic rearrangements by array-CGH.
From December 2002 to October 2008 she was Assistant Professor in Medical Genetics at the Department of Biology and Genetics for Medical Sciences, University of Milan, continuing her research work in the Medical Cytogenetics and Molecular Genetics Laboratory of Istituto Auxologico Italiano.
From October 2008 she is Associate Professor in Medical Genetics at the Department of Medical Biotechnology and Translational Medicine, University of Milan.
Since 2009 she has an agreement with IRCCS Istituto Auxologico Italiano at which conducts her research in the laboratory of Medical Cytogenetics and Molecular Genetics, Center of Biomedical Research and Technology.

Teaching
<u>BSc Medical Biotechnology</u>
• course of Human and Molecular Genetics: lecturer of Medical Genetics

MSc Medical Biotechnology and Molecular Medicine

• course of MOLECULAR DIAGNOSTICS: lecturer of Genomic and Cytogenomic

MSc Medicine and Surgery

• course of Biology and Genetics: lecturer of Medical genetics (Policlinico Hospital location and Sacco Hospital location)

MSc International Medical School (MIMED)

• course From Atoms to cells : lecturer of Medical Genetics

• course Mechanisms of Diseases : lecturer of Medical Genetics

- Member of the board of the directors of the PhD School "Experimental Medicine and Medical Biotechnologies
- Member of the board of the Post-Lauream School in Medical Genetics, University of Milan
- Reviewer for MIUR (Italian Minister of University and Research)

Main research interests:

PF's activity is mainly focused on the genetic analysis of rare genetic and genomic syndrome characterized by intellectual disabilities and/or autism. She is head of a research team, working in the IAI Labs, specialized in Molecular Cytogenetics, Cytogenomics & Molecular Genetics. She is currently involved in the followings research projects: genetics of mental retardation and autism; identification of the genetic cause of syndromes associated with an abnormal karyotype; search of novel genes and mechanisms underlying Cornelia de Lange syndrome; investigating for novel genetic defects in Beckwith-Wiedemann and Silver-Russell syndromes by whole-genome approaches; study of patients with clinical diagnosis of Smith-Magenis and Smith-Magenis-like syndrome without typical deletion in 17p11.2 by *RAI1* gene molecular analysis and identification of new or known genes not yet associated with SMS or similar phenotypes; study of molecular mechanisms responsible for primary ovarian insufficiency through the application of genome-wide high-throughput tools for identification of candidate genes and elucidation of their function

The scientific contributions are demonstrated by 72 publications peer reviewed. IF totale: 297.091.
h-index Scopus: 20 (Sum of the time cited: 1228); h-hindex Web of Science: 19 (Sum of the time cited 1141); h-index Google Scholar: 23 (Sum of the time cited: 1741).

Reviewer activity for peer-reviewed International journals

American Journal of Medical Genetics, Clinical Cancer Research, Clinical Genetics, Mammalian Genome, Cytogenetic and Genome Research, Gene Chromosome and Cancer, Journal of Endocrinology Investigation.

Member of the following scientific society:

- Italian Society of Human Genetics (SIGU)
- European Cytogeneticist Association (ECA)
- European Society of Human Genetics (ESHG)