Francesca Sironi

Curriculum vitae

BIO AND EDUCATION

First Bachelor degree in Plant Biotechnology (five years course), University of Milan, Italy,
Second Bachelor degree in Molecular Biology, University of Milano Bicocca, Italy.
Diploma of Postgraduate Specialization School in Technical Medical Geneticist (four years course), University of Milan.
As a biotechnologist and geneticist she had more than 10 years working experience inside the molecular biology laboratory of pre- and post- natal diagnosis of the Medical Genetics Laboratory IRCCS Policlinico di Milano.
She then moved inside the immunohematology department for a short time activity.
After a working experience in a private Medical Genetics Laboratory she recently had a two voluntary experiences in an African's Hospital (www.lacorhospital.org/).
She is now a contract associate Professor at the Department of Science and Innovation Technology (DISIT) University of Piemonte Orientale in San Giuseppe center – Vercelli.

MAIN FIELDS OF INTEREST

- Human genes screening for high level diagnostic purpose.
- Validation of new translational medicine techniques to put in used a wider tools of routine molecular diagnostic protocols.
- Mutations identification in different putative causative disease genes by DNA genotyping.
- Third word diagnostic laboratory implementation of the internal workflow analysis performance www.fondazionecorti.it.

SCIENTIFIC POSITIONS

2015 - present	Member of HCPC – Health and Care Professions Council – UK Border Registration
2015 - present	Member of the EBMG - European Board of Medical Genetics – Clinical Laboratory Geneticist Professional Branch (CLG)
2014 - present	Member of SIGU – Italian Society Of Human Genetics
2009 - present	Member of the ONB – Italian National Biologist Order

UNIVERSITY POSITIONS

2019 - present	Contract associate University Professor at the Department of Science and Innovation Technology (DISIT) University of Piemonte Orientale in San Giuseppe center – Vercelli

WOKING CAREER

2015-2018	Human Molecular Biotechnology Geneticist Labospace Srl Via Ranzato, 12 - 20128 Milano - http://www.labospace.com
2011-2012	Biologist Immunohematology Laboratory – affiliated to the American Association of Blood Banks (AABB) - Transfusion Medicine Centre of IRCCS Foundation "Ospedale Maggiore Policlinico, Mangiagalli e Regina Elena", Milan, Italy.
2001-2011	Human Molecular Biotechnology Geneticist Medical Genetics Laboratory, IRCCS Foundation "Ospedale Maggiore Policlinico, Mangiagalli e Regina Elena", via Commenda 12, 20127 Milan, Italy

INTERNATIONAL EXPERIENCES

2017 and 2018 Summer Working experience	Biologist St.Mary-Lacor Hospital, Laboratory Department Fondazione Corti, Gulu, Uganda. www.lacorhospital.org/
2006 Working experience	Visiting biotechnology/geneticist researcher. Erasmus Medical Centre Rotterdam, Department of Clinical Genetics - The Netherlands (NL)
2000 Erasmus experience	Laboratory Assistant Plant Cell and Molecular Biology department, University of Glasgow College of Medical, Veterinary &Life Sciences Glasgow, G12 8QQ, Scotland.

TOP PAPERS

1) **DJ.1 analysis in a large cohort of Italian early onset Parkinson Disease. Sironi F**, Primignani P, Ricca S, Tunesi S, Zini M, Tesei S, Cilia R, Pezzoli G, Seia M, Goldwurm S. Neuroscience Letters 557 (2013) 165– 170.

2) **Mutational screening and zebrafish functional analysis of GIGYF2 as a Parkinson-disease gene.** Guella I, Pistocchi A, Asselta R, Rimoldi V, Ghilardi A, **Sironi F**, Trotta L, Primignani P, Zini M, Zecchinelli A, Coviello D, Pezzoli G, Del Giacco L, Duga S, Goldwurm S. Neurobiol Aging. 32 (2011) 1994–2005

3) **Long-term follow-up of patients with Bartter syndrome type I and II.** Puricelli E, Bettinelli A, Borsa N, **Sironi** F, Mattiello C, Tammaro F, Tedeschi S, Bianchetti MG; Italian Collaborative Group for Bartter Syndrome.Nephrol Dial Transplant. 2010 Sep;25(9):2976-81.

4) **Alpha-Synuclein multiplication analysis in Italian familial Parkinson disease. Sironi F**, Trotta L, Antonini A, Zini M, Ciccone R, Della Mina E, Meucci N, Sacilotto G, Primignani P, Brambilla T, Coviello DA, Pezzoli G, Goldwurm S. *Parkinsonism Relat Disord.* 2010 Mar;16(3):228-31.

5) **Analysis of the GJB2 and GJB6 Genes in Italian Patients with Nonsyndromic Hearing Loss: Frequencies, Novel Mutations, Genotypes, and Degree of Hearing Loss.** P Primignani, L Trotta, P Castorina, F Lalatta, **F Sironi**, C Radaelli, D Degiorgio, C Curcio, M Travi, U Ambrosetti, Cesarani, L Garavelli, P Formigoni, D Milani, Murri, D Cuda, DA Coviello Genetic Testing and Molecular Biomarkers: Vol 13, Number 2, 2009.

6) **Phenotipe, genotype and worldwide genetic penetrance of LRKK2-associated Parkinson's disease: a case-control study.** D G Healy, M Falchi, S S O'Sullivan, V Bonifati, A Durr, S Bressman, Al Brice, J Aasly, C P Zabetian, S Goldwurm, J J Ferreira, E Tolosa, D M Kay, C Klein, D R Williams, C Marras, A E Lang, Z K Wszolek, J Berciano, A H V Schapira, T Lynch, K P Bhatia, T Gasser, A J Lees, N W Wood, Other members of the International LRRK2 Consortium: **F Sironi** et al. *Lancet Neural* 2008; 7: 583-90.