Irene Dall'Ara _ CV

Personal Information

Date and Place of Birth:	November, 26th 1988 Legnago, Verona, Italy
Telephone:	+39 0532 455479
Mailing Address:	Department of Life Science and Biotecnology, University of Ferrara, Via Borsari 46, 44121, Ferrara, Italy.
Email:	irene.dallara@unife.it

Education

2012:	Master level degree in Molecular and Cellular biology, University of Ferrara, Italy with final mark 110/110. (Supervisor: Prof.Guido Barbujani. Thesis (in Italian): "Demografia delle popolazioni della Via della Seta ricostruita da dati genetici"; (in English): "Demography of Silk Road populations estimated from genetic data")
2010:	Bachelor of Science, University of Ferrara, Italy , with final mark 110/110 cum laude.(Supervisor: Prof.Guido Barbujani. Thesis(in Italian): "Studio della correlazione tra distanze genomiche, linguistiche e geografiche" ; (in English) "Analysis of the correlation between genomic, linguistic and geographic distances")
2007:	Diploma di Liceo Scientifico PNI (Nationa Informatic Plan), with final mark 92/100 at "Liceo Scientifico A.M. Roveggio " of Cologna Veneta (VR), Italy
2005:	ECDL, European computer driving licence.

Work experiences

2013 – present	Research fellowship at the Department of Life Science and Biotecnology, University of Ferrara, for Biostatistical analysis of genetic data.

Additional coursework

2012   *Perl for Bioinformatics*. Courses and Schools, CINECA HPC (Bologna, Italy).

2012   "V International meeting on complex traits and genetic isolates" (Trieste, Italy).

Scientific publications

Colonna V., Boattini A., Guardiano C., **Dall'Ara I**., Pettener D., Longobardi G., Barbujani G. (2010) Long–range comparisons between genes and languages based on syntactic differences. *Human Heredity* 70:245–254

Research Skills

Main competences: Molecular Biology, Cellular Biology, Biochemistry, Chemistry, Pharmacology, Genetics, Population Genetics.

Language skills: Spoken English (good) written English (fair)

Computer skills: Knowledge of Windows, and Unix operating system. Knowledge of R statistical package; Basic knowledge of Perl. Software for Population Genetics analysis: Arlequin , SPSS, PLINK, MEGA; ECDL, European computer driving licence (2005).

Research Interest

My current doctoral research investigates the human circadian clock mechanism, focusing on clock genes which seems to be involved in different chronotypes. I'm analysing core clock gene's polymorphisms in worldwide populations and computing genetic data in order to highlight, if any latitudinal or climatic relationship between polymorphisms and chronotypes exist.