

PERSONAL INFORMATION

Giulio Formenti



WORK EXPERIENCE

Mar 2015–May 2015

Junior scientist

Laboratory of Stem Cell Biology and Pharmacology of Neurodegenerative Diseases of the University of Milan, Milan (Italy)

Awarded with a Telethon Foundation 2-months scholarship for junior scientists.

17 Aug 2015–7 Sep 2015

Visiting junior scientist

Kyoto Primate Research Institute, Inuyama (Japan)

High-throughput DNA amplification and cloning of few hundreds of individuals from several populations of the primate *Macaca fuscata*.

Jun 2015–30 Sep 2015

Junior scientist

Laboratory of Stem Cell Biology and Pharmacology of Neurodegenerative Diseases of the University of Milan, Milan (Italy)

Research collaboration for the study of CAG repeats in vertebrates.

1 Oct 2015–Present

Ph.D. Student in Environmental Sciences at University of Milan

Laboratory of Stem Cell Biology and Pharmacology of Neurodegenerative Diseases of the University of Milan, Milan (Italy)

EDUCATION AND TRAINING

2008–2011

Dottore in Scienze Naturali (Bachelor degree)

Final mark: 110/110

Università degli Studi di Milano, Milano (Italy)

Feb 2010–Jul 2010

Erasmus learning programme

Université Paul Cezanne - Aix-Marseille III, Marseille

2012–2015

Dottore magistrale in Scienze della Natura (Master degree)Final mark: 110/110
(with honors)

Università degli Studi di Milano, Milano (Italy)

Sep 2013–Feb 2015

Università degli Studi di Milano (Italy)

Master's candidate at Laboratory of Stem Cell Biology and Pharmacology of Neurodegenerative Diseases held by Prof. Elena Cattaneo during my thesis work "Huntington's Disease in the light of evolution: a natural history of Huntingtin gene mutation".

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C1	C1	C1
French	B2	C1	C1	B2	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
 Common European Framework of Reference for Languages

Organisational / managerial skills

- I have been Executive Board member from 13/07/09 to 18/06/2011 and also member of the "Consiglio d'Indirizzo" from 18/06/09 to 01/08/2011 of the "Consorzio Interuniversitario per il Diritto allo Studio".

- I have been students' representative in class, department and faculty for 5 years (2 terms).

- I have acquired skills in meetings and conferences organisation. I have organised three lectureships on scientific subjects throughout three years at my university with Italian and foreign renowned researchers.

Biological sciences

Evolution: Ian Tattersall (anthropologist, American Museum of Natural History), Stuart Newman (biologist, NYMC), Massimo Pigliucci (philosopher of science, NYU), Guido Barbujani (geneticist, Unife), Giovanni Destro-Bisol (anthropologist, Uniroma1), Marcello Buiatti (geneticist, Unife), Alessandro Minelli (biologist, Unipd), Giuseppe Fusco (biologist, Unipd), Stefano Mancuso (botanist, Unifi)

Neuroscience: Marco Iacoboni (neuroscientist, UCLA), Corrado Sinigaglia (philosopher, Unimi), Giorgio Vallortigara (Neuroscientist, University of Trento).

Earth sciences

Andrew Knoll (biologist and geologist, Harvard University), Robert Hazen (geologist, Carnegie Institution), Luca Mercalli (climatologist and opinionist)

- I have participated for 5 years consecutively and coordinated 2 times the organisation and execution of the University of Milan freshers' fair.

- I have been member of the organizing committee for the LERU Bright Conference 2009 at the University of Milan.

Job-related skills

Laboratory techniques:

Murine Embryonic Stem (mES) cell culture maintenance and differentiation;

Transfection of cell lines;

RNA and DNA extraction (low and high throughput);

RNA retrotranscription

PCR (low and high throughput);

Dye-terminator sequencing;

Cloning and bacterial transformation (low and high throughput).

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Basic user	Proficient user

Digital competences - Self-assessment grid

General: advanced user in Office applications, Photoshop and InDesign. Good knowledge of web

programming languages as Html, Css, Php, Asp, Js, Java.

Bioinformatics: good user of common user-interface software for data and image analysis and processing Seaview, FinchTV, CLC viewer, MEGA, Dendroscope, IGV viewer, ImageJ. Good knowledge of command-line software R, SAS. Intermediate knowledge of programming language Bash, Python and biological data analysis dedicated command-line software PAML, PhyML, DiscML, vcftools and bcftools.

ADDITIONAL INFORMATION

Publications

Posters:

- First author: «*Successful sequencing of Huntington's disease CAG microsatellite orthologs from museum collection specimens*» presented at Società Italiana di Biologia Evoluzionistica (SIBE) meeting on August 2015.

- Coauthor: «*Huntingtin gene and its CAG repeats number in Primates*» presented at the 6th European Federation for Primatology Meeting on August 2015.