


PERSONAL INFORMATION

Teresa Fazia

 Via Aselli n.52, 27100, Pavia (PV), Italia

 0382-987188

 Teresa.fazia01@ateneopv.it

Sex F | Date of birth 15/03/1987 | Nationality Italian

WORK EXPERIENCE

01/05/2016 – today

Post-doc Fellowship

Department of Brain and Behavioral Sciences, Medical Statistics and Genomics Unit. University of Pavia. Tutor: prof Luisa Bernardinelli - "Discovery disease causing variants: statistical methods and applications – new developments".

01/09/2015 – 30/04/2016

Research Fellowship

Department of Brain and Behavioral Sciences, Medical Statistics and Genomics Unit. University of Pavia. Tutor: prof Luisa Bernardinelli

2013 – today

Teaching activities

Instructor for undergraduate and postgraduate courses at University of Pavia, Italy

January 2009 - June 2009

Internship

Post degree training at the molecular biology laboratory of Pediatric Hematology/Oncology, Department of Pediatric Sciences, Fondazione IRCCS Policlinico San Matteo, Pavia

EDUCATION AND TRAINING

January 2016

PhD in Psychology Psychology, Statistical and Health Sciences, curriculum Medical Statistics and Clinical Epidemiology

Department of Brain and Behavioral Sciences, Medical Statistics and Genomics Unit. University of Pavia.

Tutor: prof Luisa Bernardinelli

Thesis: "Inferring Multiple Sclerosis Causal Genes by a Combined Analysis of Sardinian Family Genotyping and Brain Gene Expression Data".

July 2015 - December 2015

Visiting PhD Student

Harvard Medical School e Broad Institute of MIT (Boston), under the supervision of Prof. Philip L. De Jager

June 2014

Summer school

ECTRIMS Summer School "Genetic in MS", Tallinn (Estonia)

January 2013

Postgraduate course in Molecular and Genetic Epidemiology

University of Pavia.

Tutor: prof Luisa Bernardinelli

Thesis: "Genetic susceptibility to MS: Statistical analysis of ImmunoChip variants and brain gene expression data"

Ottobre 2011

Second-level Degree in Health Biotechnologies

University of Messina

110/100 cum laude

Thesis: "Molecular analysis of MEFV and MVK genes in patients with periodic fever",

Tutor: Prof.E.M. Valente

Dicembre 2008 **First-level Degree in Medical Biotechnologies**
 University of Pavia
 107/110
 Thesis: "The control of the donor identity in accordance with European standards in the manufacture of medicinal products for cell therapy"
 Tutor: Prof. R. Maccario.

Luglio 2005 **Italian secondary school diploma**
 Liceo Scientifico Leonardo Da Vinci (Reggio Calabria)
 100/100

PERSONAL SKILLS

Mother tongue Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	Good	Good	Good	Good	Proficient
French	Elementary	Elementary	Elementary	Elementary	Elementary

Communication skills

- Good communication skills
- Good adaptation skills
- Team spirit.

Organisational / managerial skills

- Good Organizational sense
- Good experience in planning of the work activities
- Enterprising! spirit

Job-related skills

- Development and application of statistical methods in genetic epidemiology for complex disease (MS) in multiplex families. Analysis of expression data (eQTL cis and trans) and protein data. Genetic susceptibility to MS. Imputation of genetic data
- Causal inference in genetic studies. Development and application of new mendelian randomization approach
- Biomarker discovery for multifactorial diseases.
- Good experience and lab skills in the field of molecular biology and human genetics in particular neurogenetics and immunogenetics. Good knowledge of the main biomolecular laboratory techniques.

Driver's license guide Licence for B vehicles

OTHER INFORMATIONS

Honours and awards

- Fellowship for The Genomics of common diseases. Wellcome Trust, September 7-10, 2013. Oxford
- Fellowship for ECTRIMS Summer School “Genetic in MS”, Tallinn (Estonia), June 2014
- Best Poster Presentations al 1st International Workshop on Large scale populatoion-based surveys on respiratory health in Italy and Europe, October 23-24, 2014 Verona

Presentations and Conferences

- Biomarker discovery for multifactorial diseases: methodology and applications to Multiple Sclerosis. Fazia Teresa¹, Pastorino Roberta¹, Bernardinelli Luisa¹. ¹Department of Brain and Behavioral Science, University of di Pavia. *Poster presentation* Congresso Nazionale SISMEC (Società Italiana di Statistica Medica ed Epidemiologia), Roma 2013.
- Genetic susceptibility to Multiple Sclerosis: statistical analysis of genetic variants and brain gene expression data. Pastorino Roberta¹, Teresa Fazia¹, Bernardinelli Luisa¹. ¹Department of Brain and Behavioral Science, University of Pavia. *Oral Presentation*. Congresso Nazionale SISMEC (Società Italiana di Statistica Medica ed Epidemiologia), Roma 2013.
- Biomarker Discovery for Multifactorial Diseases: Methodology and Applications to Multiple Sclerosis. Fazia Teresa, Pastorino Roberta, Bernardinelli. The Genomics of common diseases. Wellcome Trust, Settembre 7-10, 2013. Oxford. *Poster presentation*
- Inferring Multiple Sclerosis Gene Causality from Multiplex Sardinian Family and Brain Tissue Data. Luisa Bernardinelli, Roberta Pastorino, Teresa Fazia, Luisa Foco, Lide Han, Adaikalavan Ramasamy, Ashley Beecham, Charampalos Papachristou, Atena Hadjixenofontos, Mina Ryten, Mark Abney, Anna Ticca, Jacob McCauley, Michael E Wale, Carlo Berzuini. 1st International Workshop on Large scale population-based surveys on respiratory health in Italy and Europe, Ottobre 23-24, 2014 Verona. *Poster presentation* (selected as one of the Best Poster Presentations)
- Detecting plasma proteins causally related to MS: a joint analysis of protein and genotyping data. Morani Gabriele, Fazia Teresa, Pastorino Roberta, Nillson Peter, Bernardinelli Luisa¹. Department of Brain and Behavioral Science, University of Pavia. Royal Institute of Technology SciLifeLab, Stockholm, Sweden. Congresso Nazionale SISMEC (Società Italiana di Statistica Medica ed Epidemiologia), Torino 2015. *Poster presentation*