

EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

Name	GRISERI, Paola
Address	54, Via Santa Lucia, 18100 Imperia, Italy
Mobile	+ 39 33391210585
E-mail	paolagriseri72@gmail.com
Nationality	ITALIAN
Date of birth	30/09/1972

WORK EXPERIENCE

- Dates From april 2012 to today
- Name and address of employer **Health services professional.**
- Type of business or sector Nutritionist.
- Occupation or position held **Freelancer**
- Main activities and responsibilities Development of optimal diets and consultation to make healthy nutritional choices

- Dates From April 2014 to today
- Name and address of employer **Italian Ministry of education and research**
- Type of business or sector Secondary School
- Occupation or position held **Teacher of science and mathematics**

- Main activities and responsibilities Teachers support, observe and record the progress of their class. They also plan lessons in line with national objectives, with the aim of ensuring a healthy culture of learning.

- Dates From april 2013 to march 2015
- Name and address of employer **Prof. R. Ravazzolo, Lab. Medical Genetics, Institute Giannina Gaslini, 16141, Genova, Italy.**
- Type of business or sector University research laboratory.
- Occupation or position held **Excellence Position Institute Gaslini**
- Main activities and responsibilities Investigation on the role played by the RET gene in breast cancer. Identification of new genes involved in Hirschsprung disease through NGS approach

- Dates From April 2011 to March 2013
- Name and address of employer **Dr. I. Ceccherini, Lab. Medical Genetics, Institute Giannina Gaslini, 16141, Genova, Italy.**
- Type of business or sector University research laboratory
- Occupation or position held **Junior Principal Investigator**
- Main activities and responsibilities Project title: "Hirschsprung's disease as a model of neuro-immune dysfunctions in the gut: role of RET proto-oncogene in the correct development and maintenance of microbial homeostasis"

- Dates From April 2008 to March 2011
- Name and address of employer **Prof. Gilles Pagès, CNRS-UMR6543, Univeristé de Nice Sophia Antipolis, Nice Cedex, France**
- Type of business or sector CNRS research laboratory
- Occupation or position held **Senior post doc position**
- Main activities and responsibilities [Investigation on the role played by Tristetraprolin, a AU-rich mRNA binding protein, in the development of breast cancer and its relationship with ERK pathway in melanoma](#)

- Dates From January 2006 to March 2008
- Name and address of employer **Dr. I. Ceccherini, Lab. Medical Genetics, Institute Giannina Gaslini, 16141, Genova, Italy.**

- Type of business or sector University research laboratory
- Occupation or position held **Post doc position**
- Main activities and responsibilities Investigating the molecular basis of Hirschsprung disease

- Dates From January 2003 to December 2005
 - Name and address of employer **Dr. I. Ceccherini, Lab. Medical Genetics, Institute Giannina Gaslini, 16141, Genova, Italy.**
 - Type of business or sector University research laboratory
 - Occupation or position held **Junior post doc position**
 - Main activities and responsibilities [Investigating the molecular mechanisms underlying RET splicing and post-transcriptional regulation](#)
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- Dates From January 1998 to December 2001
 - Name and address of employer **Prof. R. Ravazzolo, Lab. Medical Genetics, Institute Giannina Gaslini, 16141, Genova, Italy.**
 - Type of business or sector University research laboratory
 - Occupation or position held **PhD student**
 - Main activities and responsibilities Investigating genetic and functional aspects of RET non-coding variants and their role in Hirschsprung pathogenesis.
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- Dates From January 1995 to June 1997
 - Name and address of employer **Prof. A. Marchetti, Lab. Molecular Pathology, Institute Anatomia Patologica, Ospedale Sant'Anna, Pisa, Italy**
 - Type of business or sector University research laboratory
 - Occupation or position held **Undergraduate student**
 - Main activities and responsibilities Molecular analysis of gene mutations: FHIT, p53 and k-ras screening in lung tumours

EDUCATION AND TRAINING

- Dates 2012
- Name of organisation Ordine Nazionale dei Biologi
- Title of qualification awarded *Abilitazione all'esercizio della libera Professione di Biologo (I can practise the profession of Biologist)*

- Dates 2012
 - Name of organisation Faculty of Medicine, University of Genova, Italy
- providing education and training

- Principal subjects/ occupational skills covered [Medical Genetics, Human Genetics, Molecular Biology.](#)
- Title of qualification awarded [Specialty School in Medical Genetics \(50/50\)](#)

- Dates From January 1998 to December 2001
- Name and type of organisation providing education and training University of Turin, Faculty of Medicine.
- Principal subjects/ occupational skills covered [Human Genetics, Medical Genetics, Molecular Biology.](#)
- Title of qualification awarded [Ph.D In Human Genetics](#)

- Dates From October 1991 to June 1994
- Name and type of organisation providing education and training University of Pisa, Faculty of Mathematical, Physical and Natural Science, 5-year Degree in Biological Sciences.
- Principal subjects/ occupational skills covered Molecular Biology, Cellular Biology, Genetics, Biochemistry
- Title of qualification awarded [Degree in Biological Sciences \(5 years degree\). Mark 110/110 magna cum laude](#)

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE **ITALIAN**

OTHER LANGUAGES **ENGLISH , UPPER INTERMEDIATE**

- Reading skills Good
- Writing skills good
- Verbal skills good

CERTIFICATES FIRST CERTIFICATE IN ENGLISH (LEVEL B2 OF THE COMMON EUROPEAN FRAMEWORK OF REFERENCE FOR LANGUAGES (CEFR))

	ITALIAN
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DRIVING LICENCE(S) AB

TECHNICAL SKILLS AND COMPETENCES

Molecular Biology techniques: DNA, mRNA extraction, PCR, Sequencing, Cloning, Western blot, Cell culture, Luciferase Assay, Transfections, Gene Silencing with siRNA.

I can use all the basic instruments in a biomedical laboratory and I can work using the rule of hygiene and safety.

Good knowledge of Microsoft Windows.

Excellent ability to use Internet.

ORGANISATIONAL SKILLS AND COMPETENCES

Supervisory Experience: I supervised undergraduated and PhD students.

I collaborate as peer-reviewer for many interantional journals

Excellent ability to write and manage projects. I am good to communicate and to work in team.

AWARDS

2013 Winner of Contratto di Eccellenza dell'Istituto G. Gaslini

2012 Winner of fellowship 2013 "Fondazione Veronesi"

2010 Winner of Young Researcher Project 2008 (GR-2008-1135082)

"Hirschsprung's disease as a model of neuro-immune dysfunctions in the gut: role of RET proto-oncogene in the correct development and maintenance of microbial homeostasis

2008 Winner of «Aide post-doctorale en France» dell'Association pour la

recherche sur le cancer (ARC)

2005 Winner of award "Gaslini Young Investigator Award 2004"

2004 Winner of award "Gaslini Young Investigator Award 2005"

2003 Winner of 3-years fellowship FIRC (Fondazione Italiana per la Ricerca sul Cancro)

ORAL PRESENTATIONS

Hong Kong, China: "Involvement of the RET/GDNF signalling in the Immune response and implications for the development of Hirschsprung associated enterocolitis", Third international symposium on Development of the Enteric Nervous system", Marzo 2012

Cuneo, Italy "New therapeutic approaches in thyroid cancer", Course on "Molecular biology in Medicine", Ospedale S.Croce e Carle, Cuneo, Febbraio 2012

Annapolis, US Partecipazione al Meeting annuale dell " International Hirschsprung Disease Consortium", Ottobre 2011

S. Maximin, France "Role of tristetraprolin, an mRNA binding protein, in breast carcinogenesis, Scientific Retreat IBDC, October 2009

Cuneo, Italy "RET outside the ENS: linking gut development to immune response", Corso di Biologia Molecolare, February 2008

Nice, France "The RET proto-oncogene and its involvement in Hirschsprung and thyroid cancer", invited talk, July 2007

Genova, Italy "Protective and susceptibility alleles in Hirschsprung disease" II Meeting of the International HSCR Consortium, March 2007

Paris, France "A 3' variant, associated with a RET non-transmitted haplotypes, affects gene post-transcriptional regulation" I Meeting of the International HSCR Consortium, June 2005

Cuneo, Italy "Polymorphisms of the RET proto-oncogene and genetic predisposition to thyroid cancer", , December 2005

Strasbourg, France "A rare RET haplotype is a risk modifier allele in Hirschsprung disease". European Society of Human Genetics, May 2002.

Orvieto, Italy "Decreased frequency of a single nucleotide polymorphism of the RET proto-oncogene in sporadic Hirschsprung disease". 1° Italian Meeting on "Molecular basis of multifactorial diseases", September 1999.

PUBLICATIONS

1. Marchetti A., Pellegrini S., Sozzi G., Bertacca G., Gaeta P., Buttitta F., Carnicelli V., Griseri P., Chella A., Angeletti C.A., Pierotti M., Bevilacqua G. Genetic analysis of lung tumours of non smoking subjects: p53 gene mutations are constantly associated with loss of heterozygosity at the FHIT locus. Br. J.Cancer. 78:73-78,1998.
2. Marchetti A., Pellegrini S., Bertacca G., Buttitta F., Gaeta P., Carnicelli V., Nardini V., Griseri P., Chella A., Angeletti C.A., Bevilacqua G. FHIT and p53 gene abnormalities in bronchioloalveolar carcinomas. Correlations with clinicopathological data and K-ras mutations. J.Pathology 184:240-246,1998.
3. Auricchio A., Griseri P., Carpentieri M.L., Betsos N., Staiano A., Tozzi A., Priolo M., Thompson H., Bocciardi R., Romeo G., Ballabio A., and Ceccherini I. Double heterozygosity for a RET substitution interfering with splicing and a EDNRB

- missense mutation identified during a multiple loci screening of Hirschsprung patients. *Am J Hum Genet* 64:1216-1221,1999.
4. Griseri P., Sancandi M., Patrone G., Bocciardi R., Hofstra R., Ravazzolo R., Devoto M., Romeo G. and Ceccherini I. A single-nucleotide polymorphic variant of the RET proto-oncogene is under-represented in sporadic Hirschsprung disease *Eur J Hum Genet* 8:721-724,2000.
 5. Lesueur F., Corbex M., McKay J., Soares P., Griseri P., Burgess J., Landolfi S., Goldgar D., Romeo G. Specific haplotypes of the RET proto-oncogene are over-represented in patients with sporadic medullary carcinoma. *J Med Genet* 39:260-265, 2002.
 6. Puppo F., Griseri P., Fanelli M., Romeo G., Ceccherini I., Ravazzolo R., Patrone G. RET proto-oncogene expression is activated by sodium butyrate induced chromatin hyperacetylation. *FEBS letter* 523:123-7,2002.
 7. Griseri P., Pesce B., Patrone G., Osinga J., Puppo F., Sancanti M., Hofstra R., Ravazzolo R., Devoto M., Ceccherini I. A rare RET haplotype is a risk-modifier allele in Hirschsprung disease. *Am J Hum Genet.* 71:969-74, 2002.
 8. Griseri P., Patrone G., Romeo G., Ravazzolo R., Ceccherini I. Rescue of RET proto-oncogene expression induced by sodium butyrate: a new powerful tool for molecular studies in Hirschsprung disease. *Gut.* 52:1154-8, 2003.
 9. Griseri P*, Sancandi M.*, Pesce B., Patrone G., Puppo F., Romeo G., Ravazzolo R., Devoto M., Ceccherini I. Single nucleotide polymorphic alleles in the 5' region of the RET proto-oncogene define a risk haplotype in Hirschsprung disease. *J Med Genet.* 40:714-8, 2003,___
 10. Griseri P., Bachetti T., Puppo F., Lantieri F., Ravazzolo R., Devoto M., Ceccherini I. A common haplotype at the 5' end of the RET proto-oncogene, overrepresented in Hirschsprung patients, is associated with reduced gene expression. *Hum Mutat.* 25:189-95,2005.
 11. Puppo F, Musso M, Pirulli D, Griseri P, Bachetti T, Crovella S, Patrone G, Ceccherini I, Ravazzolo R. Comparative genomic sequence analysis coupled to Chromatin Immunoprecipitation: a screening procedure applied to search for regulatory elements at the RET locus. *Physiological Genomics* 23:269-74, 2005,___
 12. Lantieri F., Griseri P, Puppo F., Campus R., Martuciello G., Ravazzolo R., Devoto M., Ceccherini I. Haplotypes of the human RET proto-oncogene associated with Hirschsprung disease in the Italian population derive from a single ancestral combination. *Annals of Human Genetics* 70, 12-26, 2006.
 13. Lantieri F, Griseri P, Ceccherini I. Molecular mechanisms of RET-induced Hirschsprung pathogenesis. *Ann Med.* 38:11-9, 2006.
 14. Griseri P., Lantieri F., Puppo F., Bachetti T., Di Duca M., Ravazzolo R., Ceccherini I. A common variant located in the 3'UTR of the RET gene is associated with protection from Hirschsprung disease. *Hum Mutat.* 28:168-176, 2007,___
 15. Amiel J, Sproat-Emison E, Garcia-Barcelo M, Lantieri F, Burzynski G, Borrego S, Pelet A, Arnold S, Miao X, Griseri P, Brooks AS, Antinolo G, de Pontual L, Clement-Ziza M, Munnich A, Kashuk C, West K, Wong KK, Lyonnet S,

- Chakravarti A, Tam PK, Ceccherini I, Hofstra RM, Fernandez R; Hirschsprung Disease Consortium. Hirschsprung disease, associated syndromes and genetics: a review. *J Med Genet.* 2008 Jan;45(1):1-14._
16. Lantieri F, Rydbeck H, Griseri P, Ceccherini I, Devoto M. Incorporating prior biological information in linkage studies increases power and limits multiple testing. *BMC Proc.* 2007;1 Suppl 1:S89. Epub 2007 Dec 18.
 17. Griseri P, Vos Y, Giorda R, Gimelli S, Beri S, Santamaria G, Mognato G, Hofstra RM, Gimelli G, Ceccherini I. Complex pathogenesis of Hirschsprung's disease in a patient with hydrocephalus, vesico-ureteral reflux and a balanced translocation t(3;17)(p12;q11). *Eur J Hum Genet.* 2009 Apr;17(4):483-90.
 18. Emison ES, Garcia-Barcelo M, Grice EA, Lantieri F, Amiel J, Burzynski G, Fernandez RM, Hao L, Kashuk C, West K, Miao X, Tam PK, Griseri P, Ceccherini I, Pelet A, Jannot AS, de Pontual L, Henrion-Caude A, Lyonnet S, Verheij JB, Hofstra RM, Antiñolo G, Borrego S, McCallion AS, Chakravarti A. Differential contributions of rare and common, coding and noncoding Ret mutations to multifactorial Hirschsprung disease liability. *Am J Hum Genet.* 2010 Jul 9;87(1):60-74._
 19. Bourcier C, Griseri P, Grépin R, Bertolotto C, Mazure N, Pagès G. Constitutive erk activity induces down-regulation of tristetraprolin, a major protein controlling interleukin8/cxcl8 mrna stability in melanoma cells. *Am J Physiol Cell Physiol.* 2011 Sep;301(3):C609-18._
 20. Griseri P, Bourcier C., Hieblot C., Essafi-Benkhadir K., Chamorey E., Touriol C., Pagès G. A synonymous polymorphism of the Tristetraprolin (TTP) gene, an AU-rich mRNA-binding protein, affects translation efficiency and response to Herceptin treatment in breast cancer patients. *Hum Mol Genet.* 2011 Dec 1;20(23):4556-68.
 21. Lantieri F, Caroli F, Ceccherini I, Griseri P. The involvement of the RET variant G691S in medullary thyroid carcinoma enlightened by a meta-analysis study. *Int J Cancer.* 2012 Nov 26. doi: 10.1002/ijc.27967. *Hum Mutat.* 2013 Feb 25. doi: 10.1002/humu.22302.
 22. Matera I, Musso M, Griseri P, Rusmini M, Di Duca M, So MT, Mavilio D, Miao X, Tam PH, Ravazzolo R, Ceccherini I, Garcia-Barcelo M. Allele-Specific Expression at the RET Locus in Blood and Gut Tissue of Individuals Carrying Risk Alleles for Hirschsprung Disease. *Hum Mutat.* 2013 Feb 25. doi: 10.1002/humu.22302.
 23. Rusmini M, Griseri P, Lantieri F, Matera I, Hudspeth K, Roberto A, Avanzini S, Pini-Prato A, Mattioli G, Jasonni V, Ravazzolo R, Pavan WJ, Ceccherini I and Mavilio D. RET gene expression and inflammatory response in circulating immune cells of HSCR patients. Accepted in *PlosOne*.
 24. Lantieri F, Caroli F, Ceccherini I, Griseri P. The involvement of the RET variant G691S in medullary thyroid carcinoma enlightened by a meta-analysis study. Conflicting results of meta-analyses need to be reconciled. *Int. J. Cancer:* 133, 1760–1761 (2013)

25. Alves MM, Sribudiani Y, Brouwer RW, Amiel J, Antiñolo G, Borrego S, Ceccherini I, Chakravarti A, Fernández RM, Garcia-Barcelo MM, Griseri P, Lyonnet S, Tam PK, van Ijcken WF, Eggen BJ, Te Meerman GJ, Hofstra RM. Contribution of rare and common variants determine complex diseases-Hirschsprung disease as a model. *Dev Biol*. 2013 May 23. pii: S0012-1606(13)00264-9. doi: 10.1016/j.ydbio.2013.05.019
26. Pini Prato A, Rossi V, Mosconi M, Holm C, Lantieri F, Griseri P, Ceccherini I, Mavilio D, Jasonni V, Tuo G, Derchi M, Marasini M, Magnano G, Granata C, Ghiggeri G, Priolo E, Sposetti L, Porcu A, Buffa P, Mattioli G. A prospective observational study of associated anomalies in Hirschsprung's disease. *Orphanet J Rare Dis*. 2013 Nov 23;8:184. doi: 10.1186/1750-1172-8-184.
27. Griseri P, Pagès G. Control of pro-angiogenic cytokine mRNA half-life in cancer: the role of AU-rich elements and associated proteins. *J Interferon Cytokine Res*. 2014 Apr;34(4):242-54. doi: 10.1089/jir.2013.0140. Review.
28. Rusmini M, Griseri P, Matera I, Pontarini E, Ravazzolo R, Mavilio D, Ceccherini I. Expression variability and function of the RET gene in adult peripheral blood mononuclear cells. *J Cell Physiol*. 2014 Dec;229(12):2027-37. doi: 10.1002/jcp.24660.
29. Griseri P, Pagès G. Regulation of the mRNA half-life in breast cancer. *World J Clin Oncol*. 2014 Aug 10;5(3):323-34. doi: 10.5306/wjco.v5.i3.323. Review.

BOOKS

Lantieri F, Griseri P, Amiel J, Martucciello G, Ceccherini I, Romeo G, Lyonnet S. Molecular Genetics of HSCR disease. In "Hirschsprung disease and allied disorders", Eds: Holschneider and Puri, 2nd edition, 2007.

Pursuant to Article 13, Act 675/96 (Privacy Law), I hereby agree to the handling of my personal data.
Paola Griseri