PERSONAL INFORMATION

Chiara Rigon

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WORK EXPERIENCE

Dates (from)

November 2015-July 2016

Contract funding by Istituto di Ricerca Pediatrica-Fondazione Città della Speranza at the laboratory of Prof. M. Clementi (Clinical Genetics Unit), Department of Women's and Children's Health, University of Padova

Dates (from - to)

January 2011-October 2015

Fellowship at the laboratory of Prof. M. Clementi (Clinical Genetics Unit), Department of Women's and Children's Health, University of Padova

Main activities and responsibilities

DNA isolation from peripheral blood samples, amniotic fluid, saliva, chorionic villi, umbilical cord, tissues.
PCR, Real Time PCR
High Resolution Melt Analysis
RFLP
Gel electrophoresis
DNA sequencing and sequence analysis
Microsatellite analysis
Cellular coltures from peripheral blood samples
Array-CGH

EDUCATION AND TRAINING

Dates (from)

January 2011
Admission to the Italian Order of Biologists

Dates (from - to)

January 2008-Dicember 2011
PhD in Developmental Medicine and Health Planning Sciences
University of Padova

Dates (from - to)

Dicember 2007
National qualifying examination: Biologist
University of Firenze

Dates (from - to)	2005-2007 MSc in Biology University of Padova
Dates (from - to)	2002-2005 BSc in Molecular Biology University of Padova
Dates (from - to)	1997-2002 High School Diploma in Classical Studies Liceo Tito Lucrezio Caro, Cittadella (PD)

PERSONAL SKILLS

Mother tongue(s): Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B2	B1	B1	B2

ADDITIONAL INFORMATION

Technical skills and competences (with computers, specific kinds of equipment, machinery, etc.)

Knowledge of software for haplotype reconstruction (PHASE) and for computation of linkage disequilibrium statistics (Haploview)
Sofware Primer 3, NebCutter, BLAST, Chromas, Genescan, UCSC Genome Browser, ENSEMBL, NCBI, Mapviewer, Pipmaker
Experience with programs for analysis and interpretation of array-CGH data.
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Publications

- M. Cassina, **C. Rigon,** A. Casarin, V. Vicenzi, L. Salviati, M. Clementi *"FBXO28 is a critical gene of the 1q41q42 microdeletion syndrome"*, Am J Med Genet A 2015 Apr 21.
- C. Bertossi, M. Cassina, A. Cappellari, I. Toldo, M. Nosadini, **C. Rigon**, A. Suppiej, S. Sartori "Forkhead Box G1 gene haploinsufficiency: an emerging cause of dyskinetic encephalopathy of infancy"" Neuropediatrics 2015 Jan 7.
- A. Zanetti, R. Tomanin, A. Rampazzo, **C. Rigon**, N. Gasparotto, M. Cassina, M. Clementi, M. Scarpa "A Hunter patient with a severe phenotype reveals two large deletions and two duplications extending 1,2 Mb distally to IDS locus" JIMD Reports 2014;17:13-21. Epub 2014 Jul 25.
- L. Bartolini, S. Sartori, E. Lenzini, **C. Rigon**, E. Cainelli, C. Agrati, I. Toldo, M. Donà, E. Trevisson "De novo trisomy 20p characterized by array comparative genomic hybridization: report of a novel case and review of the literature" Gene 2013 Jul; 524(2):368-372. Epub 2013 Apr 21
- M. Vecchi, M. Cassina, A. Casarin, **C. Rigon**, P. Drigo, L. De Palma, M. Clementi "Infantile epilepsy associated with mosaic 2q24 duplication including SCN2A and SCN3A" Seizure 2011 Dec;20(10):813-6. Epub 2011 Sep 3.
- **C. Rigon**, L. Salviati, R. Mandarano, M. Donà, M. Clementi "6q27 subtelomeric deletions: Is there a specific phenotype?" Am J Med Genet A. 2011 May;155A(5): 1213-4. Epub 2011 Apr 11.
- **C. Rigon**, A. Andrisani, M. Forzan, D. D'Antona, A. Bruson, , E. Cosmi, G. Ambrosini, G. M. Tiboni and M. Clementi "Association study of AMH and AMHRII polymorphisms with unexplained infertility" Fertil Steril. 2010 Sep;94(4):1244-8. Epub 2009 Jun 21.

Poster

- C.Pinato, M. Cassina, **C. Rigon**, D. Frizziero, V. Vicenzi, A. Calò, D. Zuccarello, L. Salviati, E. Trevisson, M. Clementi "Array-CGH analysis in a large color of patients with intellectual disability and or congenital malformations" European Human Genetics Conference, Glasgow 6 Giugno-9 Giugno 2015.
- **C. Rigon**, M. Donà, E. Micaglio, F. Pauro, M. Cassina, L. Salviati, M. Clementi, E. Trevisson "Recurrent microduplications at Xp22.31 are non sufficient to convey a disease phenotype", European Human Genetics Conference, Glasgow 6 Giugno-9 Giugno 2015.
- C. Pinato, **C. Rigon**, A. Friso, A. Volzone, E. Osanni, M.Cassina, L. Salviati, M.Clementi *"Unbalanced translocation t(8;17)(q23;q24) in a patient with developmental delay and epilepsy"* European Human Genetics Conference, Milano 31 Maggio-3 Giugno 2014.
- M. Donà, **C. Rigon**, V. Vicenzi, E. Lenzini, L. Salviati, M. Clementi, E. Trevisson *"An atypical inherited ATR-16 syndrome unrelated to SOX8 haploinsufficiency"* European Human Genetics Conference, Milano 31 Maggio-3 Giugno 2014.
- E. Micaglio, M. Cassina, M. Scarpa, **C. Rigon**, L.Salviati, M. Clementi "*Extreme clinical variability associated with 19p13.2 microduplication"* XVI Congresso Nazionale SIGU, Roma 25–28 Settembre 2013.
- C. Pinato, **C. Rigon**, A. Bruson, M. Forzan, L. Salviati, M. Clementi *"Recurrent genomic rearrangements in 16p13.11"* XVI National Meeting SIGU, Roma 25–28 Settembre 2013.
- C. Pinato, **C. Rigon**, M. Cassina, L. Salviati, M. Clementi *"Defining the minimal critical region for the 3p deletion syndrome"* European Human Genetics Conference Parigi 08-11 Giugno 2013.
- E. Trevisson, M. Forzan, A. Bruson, **C. Rigon**, M. Clementi *"Germline mosaicism for a splicing mutation in Neurofibromatosis type 1"* XV National Meeting SIGU, Sorrento 21–23 Novembre 2012.
- Bruson A, Forzan M, **Rigon C**, Casarin A, Salviati L, Clementi M. "*Non invasive prenatal diagnosis of cystic fibrosis*

using cell free fetal DNA in maternal plasma" XIV National Meeting SIGU, Milano 13–16 Novembre 2011.

- **C. Rigon**, K. Ludwig, A. Casarin, E. Trevisson, L. Salviati "*Maternally inherited duplication Xq11.1-Xq13.1 in a boy with craniosynostosis, mild mental retardation and facial dysmorphism"* European Human Genetics Conference Amsterdam 28-31 Maggio 2011
- Forzan M., Bruson A., **Rigon C**., Titton F., Bosello R., Degortes D., Favaro A., Santonastaso P., Clementi M. *"Association between the COMT Val158Met polymorphism and anorexia nervosa",* XIII Congresso Nazionale S.I.G.U., Firenze 14-17 Ottobre 2010
- **Rigon C**., Forzan M., Bruson A., Mandarano R., Salviati L., Clementi M. *"6q deletions: phenotypic heterogeneity",* XIII National Meeting S.I.G.U., Firenze 14-17 Ottobre 2010
- **Rigon C**., Cassina M., Ludwig K., Forzan M., Bruson A., Tenconi R., Clementi M. *"De novo interstitial 8p23.1 deletions identified by array-CGH in two patients: definition of the critical region for cardiac malformations"* European Human Genetics Conference Goteborg 12-15 Giugno 2010
- *Forzan M., Bruson A., **Rigon C**., Trevisson E., Pertegato V., Casarin A., Salviati L., Tenconi R., Clementi M "Functional splicing assay of the NF1: 730-5 T>G mutation", XII National Meeting S.I.G.U, Torino 8-10 Novembre 2009.*
- Bruson A., Forzan M., **Rigon C**., Michelotto A., Saponeri A., Zattra E., Alaibac M., Clementi M. *"Association between the P53 IVS6+62G>A polymorphism and the presence of multiple nevi",* XII National Meeting S.I.G.U, Torino 8-10 Novembre 2009.
- Ludwig K., **Rigon C**., Bruson A. Forzan M., Salviati L., Clementi M., Tenconi R. *"A boy with complex congenital heart malformation, microcephaly and mental retardation with interstitial deletions on 8p23.1 and 22q13.1",* XII National Meeting S.I.G.U., Torino 8-10 Novembre 2009.
- *Bruson A., Forzan M., **Rigon C**., Bordignon M., Trevisan C.P, Tenconi R., Clementi M. "*Spinocerebellar ataxias: *genetic analysis of familial and sporadic cases". XI National Meeting S.I.G.U., Genova 23-25 Novembre 2008.*
- M. Forzan, A. Casarin, V. Pertegato, E. Trevisson, A. Bruson, **C.Rigon**, M. Cassina, L. Salviati, R. Tenconi, M. Clementi *"CFTR 621+3 A>G: Functional Splicing Assay"* XI National Meeting S.I.G.U., Genova 23-25 Novembre 2008
- ***Rigon C**., Ambrosini G., Andrisani A., Favero R., Forzan M., Bruson A., Ludwig K., Clementi M."Role of* AMH e AMHRII *polymorphisms in women infetility" XI National Meeting S.I.G.U., Genova 23-25 Novembre 2008.*
- GM Virzì, V Corradi, F Gastaldon, M de Cal, D Cruz, A Bruson, **C Rigon**, M Clementi, C Ronco *"Analysis of Single Nucleotide Polymorphisms (SNPs) in ADPKD by High Resolution Melt (HRM) method"* American Society of Nephrology, Renal Week, Philadelphia (Pennsylvania) 04-09 Novembre 2008.
- Forzan M., Salviati L., Trevisson E., Tartaglia S., Bruson A., Cassina M., **Rigon C.**, Tenconi R., Clementi M. *"Functional splicing assay in NF1 gene"* X National Meeting SIGU, Montecatini Terme, Novembre 2007.