



Roberto Taramelli

 UNIVERSITY OF INSUBRIA



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Contact data

Full Professor

Department of Biotechnology and Molecular Sciences
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Biography

Education: University of Milan, Medical School M.D. 1978

School: University of Milan, Institute of Biochemistry Ph.D. 1981

Post Graduate Training:

- Internship in Medicine - Ospedale Maggiore Milan (1979)
- Research Fellow - National Institute for Medical Research Mill Hill London (1981-84)
- Research Fellow - Rockefeller University New York (1984-86)

Appointments held:

Researcher -Department of Genetics University of Milan (1987-94)
Full Professor of Genetics - University of Insubria, Varese (present)

Qualifications and awards

Roberto Taramelli is affiliated with HUGO (Human Genome Organization) and Societa Italiana di Genetica

Research interests

Fields of Investigation:

1. Molecular Genetics of Thalassemia Syndromes (1979-1984)
2. Identification and characterization of genes involved in atherosclerosis susceptibility (1984-1999)
3. Molecular Genetics of congenital heart disease (identification of genes on chromosomes 21 and 10 involved in early cardiac morphogenesis) (1993-present)
4. High resolution physical and transcriptional mapping of the peritelomeric region of chromosome 6 (6q26-27) and cloning of tumor suppressor genes localized in that region (1993-present)

Teaching experience and appointments

Roberto Taramelli teaches annual courses of Molecular Genetics and Human Molecular Genetics.

RT is the Director of the Degree in Biology- University of Insubria

Representative

1: Diodovich C, Malerba I, Ferrario D, Bowe G, Bianchi MG, Acquati F,

publications

- Taramelli R, Parent-Massin D, Gribaldo L. Gene and protein expressions in human cord blood cells after exposure to acrylonitrile. *J Biochem Mol Toxicol.* 2005;19(4):204-12.
- 2: Acquati F, Possati L, Ferrante L, Campomenosi P, Talevi S, Bardelli S, Margiotta C, Russo A, Bortoletto E, Rocchetti R, Calza R, Cinquetti R, Monti L, Salis S, Barbanti-Brodano G, Taramelli R. Tumor and metastasis suppression by the human RNASET2 gene. *Int J Oncol.* 2005 May;26(5):1159-68.
- 3: Taramelli R, Acquati F. The human genome project and the discovery of genetic determinants of cancer susceptibility. *Eur J Cancer.* 2004 Nov;40(17):2537-43. Review.
- 4: Diodovich C, Bianchi MG, Bowe G, Acquati F, Taramelli R, Parent-Massin D, Gribaldo L. Response of human cord blood cells to styrene exposure: evaluation of its effects on apoptosis and gene expression by genomic technology. *Toxicology.* 2004 Aug 5;200(2-3):145-57.
- 5: Diodovich C, Malerba I, Bowe G, Acquati F, Bianchi MG, Taramelli R, Parent-Massin D, Gribaldo L. Naphthalene exposure: effects on gene expression and proliferation in human cord blood cells. *J Biochem Mol Toxicol.* 2003;17(5):286-94.
- 6: Cinquetti R, Mazzotti F, Acquati F, Gornati R, Sabbioni E, Taramelli R, Bernardini G. Influence of metal ions on gene expression of BALB 3T3 fibroblasts. *Gene.* 2003 Oct 30;318:83-9.
- 7: Tibiletti MG, Bernasconi B, Taborelli M, Facco C, Riva C, Capella C, Franchi M, Binelli G, Acquati F, Taramelli R. Genetic and cytogenetic observations among different types of ovarian tumors are compatible with a progression model underlying ovarian tumorigenesis. *Cancer Genet Cytogenet.* 2003 Oct 15;146(2):145-53.
- 8: Tibiletti MG, Bernasconi B, Furlan D, Bressan P, Cerutti R, Facco C, Franchi M, Riva C, Cinquetti R, Capella C, Taramelli R. Chromosome 6 abnormalities in ovarian surface epithelial tumors of borderline malignancy suggest a genetic continuum in the progression model of ovarian neoplasms. *Clin Cancer Res.* 2001 Nov;7(11):3404-9.
- 9: Acquati F, Morelli C, Cinquetti R, Bianchi MG, Porrini D, Varesco L, Gismondi V, Rocchetti R, Talevi S, Possati L, Magnanini C, Tibiletti MG, Bernasconi B, Daidone MG, Shridhar V, Smith DI, Negrini M, Barbanti-Brodano G, Taramelli R. Cloning and characterization of a senescence inducing and class II tumor suppressor gene in ovarian carcinoma at chromosome region 6q27. *Oncogene.* 2001 Feb 22;20(8):980-8.
- 10: Acquati F, Nucci C, Bianchi MG, Gorletta T, Taramelli R.

Molecular cloning, tissue distribution, and chromosomal localization of the human homolog of the R2/Th/Stylar ribonuclease gene family. *Methods Mol Biol.* 2001;160:87-101. No abstract available.

11: Acquati F, Russo A, Taramelli R, Tibiletti MG, Taborelli M, Camesasca C, Papa M.

Nonsyndromic total anomalous venous return associated with a de novo translocation involving chromosomes 10 and 21 t(10;21)(q23.1;q11.2).

Am J Med Genet. 2000 Nov 27;95(3):285-6.

12: Vigetti D, Monetti C, Acquati F, Taramelli R, Bernardini G.

Human allantoicase gene: cDNA cloning, genomic organization and chromosome localization.

Gene. 2000 Oct 3;256(1-2):253-60.

13: Vigetti D, Monetti C, Pollegioni L, Taramelli R, Bernardini G.

Xenopus allantoicase: molecular cloning, enzymatic activity and developmental expression.

Arch Biochem Biophys. 2000 Jul 1;379(1):90-6.

14: Tibiletti MG, Sessa F, Bernasconi B, Cerutti R, Broggi B, Furlan D, Acquati F, Bianchi M, Russo A, Capella C, Taramelli R.

A large 6q deletion is a common cytogenetic alteration in fibroadenomas, pre-malignant lesions, and carcinomas of the breast.

Clin Cancer Res. 2000 Apr;6(4):1422-31.

15: Acquati F, Accarino M, Nucci C, Fumagalli P, Jovine L, Ottolenghi S, Taramelli R.

The gene encoding DRAP (BACE2), a glycosylated transmembrane protein of the aspartic protease family, maps to the down critical region.

FEBS Lett. 2000 Feb 18;468(1):59-64.

16: Sabbioni S, Veronese A, Trubia M, Taramelli R, Barbanti-Brodano G, Croce CM, Negrini M.

Exon structure and promoter identification of STIM1 (alias GOK), a human gene causing growth arrest of the human tumor cell lines G401 and RD.

Cytogenet Cell Genet. 1999;86(3-4):214-8.

17: Acquati F, Hammer R, Ercoli B, Mooser V, Tao R, Ronicke V, Michalich A, Chiesa G, Taramelli R, Hobbs HH, Muller HJ.

Transgenic mice expressing a human apolipoprotein[a] allele.

J Lipid Res. 1999 Jun;40(6):994-1006.

18: Tibiletti MG, Furlan D, Taborelli M, Facco C, Riva C, Franchi M, Cossu A, Trubia M, Taramelli R, Capella C.

Microsatellite instability in endometrial cancer: relation to histological subtypes.

Gynecol Oncol. 1999 May;73(2):247-52.

19: di lasio MG, Calin G, Tibiletti MG, Vorechovsky I, Benediktsson KP, Taramelli R, Barbanti-Brodano G, Negrini M.

Refinement of the LOH region 1 at 11q23.1 deleted in human breast carcinomas and sublocalization of 11 expressed sequence tags within the refined region.

Oncogene. 1999 Feb 25;18(8):1635-8.

20: Tibiletti MG, Trubia M, Ponti E, Sessa L, Acquati F, Furlan D, Bernasconi B, Fichera M, Mihalich A, Ziegler A, Volz A, Facco C, Riva C, Cremonesi L, Ferrari M, Taramelli R.

Physical map of the D6S149-D6S193 region on chromosome 6Q27 and its involvement in benign surface epithelial ovarian tumours.

Oncogene. 1998 Mar 26;16(12):1639-42.

21: Tibiletti MG, Trubia M, Ponti E, Sessa L, Acquati F, Furlan D, Bernasconi B, Fichera M, Mihalich A, Ziegler A, Volz A, Facco C, Riva C, Cremonesi L, Ferrari M, Taramelli R.

Physical map of the D6S149-D6S193 region on chromosome 6Q27 and its involvement in benign surface epithelial ovarian tumours.

Oncogene. 1998 Mar 26;16(12):1639-42.

22: Acquati F, Ronicke V, Taramelli R, Muller HJ.

Reporter gene analysis of four DNaseI hypersensitive sites in the plasminogen/apolipoprotein(a) intergenic region.

Clin Genet. 1997 Nov;52(5):303-7.

23: Fumagalli P, Accarino M, Egeo A, Scartezzini P, Rappazzo G, Pizzuti A, Avvantaggiato V, Simeone A, Arrigo G, Zuffardi O, Ottolenghi S, Taramelli R.

Human NRD convertase: a highly conserved metalloendopeptidase expressed at specific sites during development and in adult tissues.

Genomics. 1998 Jan 15;47(2):238-45.

24: Wade DP, Puckey LH, Knight BL, Acquati F, Mihalich A, Taramelli R.

Characterization of multiple enhancer regions upstream of the apolipoprotein(a) gene.

J Biol Chem. 1997 Nov 28;272(48):30387-99. Erratum in: J Biol Chem 1997 Nov 28;272(48):30387-99.

25: Mihalich A, Magnaghi P, Sessa L, Trubia M, Acquati F, Taramelli R.

Genomic structure and organization of kringles type 3 to 10 of the apolipoprotein(a) gene in 6q26-27.

Gene. 1997 Sep 1;196(1-2):1-8.

26: Trubia M, Sessa L, Taramelli R.

Mammalian Rh/T2/S-glycoprotein ribonuclease family genes: cloning of a human member located in a region of chromosome 6 (6q27) frequently deleted in human malignancies.

Genomics. 1997 Jun 1;42(2):342-4.

27: Scartezzini P, Egeo A, Colella S, Fumagalli P, Arrigo P, Nizetic D, Taramelli R, Rasore-Quartino A.

Cloning a new human gene from chromosome 21q22.3 encoding a glutamic acid-rich protein expressed in heart and skeletal muscle.

Hum Genet. 1997 Mar;99(3):387-92.

28: Tibiletti MG, Bernasconi B, Taborelli M, Furlan D, Fabbri A, Franchi M, Taramelli R, Trubia M, Capella C.

Involvement of chromosome 6 in endometrial cancer.
Br J Cancer. 1997;75(12):1831-5.

29: Tibiletti MG, Bernasconi B, Furlan D, Riva C, Trubia M, Buraggi G, Franchi M, Bolis P, Mariani A, Frigerio L, Capella C, Taramelli R.
Early involvement of 6q in surface epithelial ovarian tumors.
Cancer Res. 1996 Oct 1;56(19):4493-8.

30: Magnani C, Cremonesi L, Giunta A, Magnaghi P, Taramelli R, Ferrari M.
Short direct repeats at the breakpoints of a novel large deletion in the CFTR gene suggest a likely slipped mispairing mechanism.
Hum Genet. 1996 Jul;98(1):102-8.

Clinical interests

RT interacts actively with clinicians (cardiologists, gynecologists, pathologists etc) for the identification of patients most suitable for molecular genetic investigations.