CURRICULUM VITAE

INFORMAZIONI PERSONALI

Nome	**Capra Valeria**
Data di nascita	30/05/1961
Qualifica	dirigente medico
Amministrazione	ISTITUTO GIANINA GASLINI
Incarico attuale	Dirigente - U.O.Neurochirurgia
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TITOLI DI STUDIO E PROFESSIONALI ED ESPERIENZE LAVORATIVE

Titolo di studio	Laurea in Medicina e Chirurgia

Altri titoli di studio e professionali	- Tesi di laurea sperimentale 1 aprile 1987 presso l'Università degli Studi di Genova. - Specialita' in Ematologia Generale, 10 luglio 1990" presso l'Università degli Studi di Genova. - Specialità in Genetica Medica, 5 luglio 1995, presso l'Università degli Studi di Genova.
Esperienze professionali (incarichi ricoperti)	- Presenza nel laboratorio della Cattedra di Biologia Generale di Genova da ottobre 1983 fino a gennaio 1988. presso l'Università degli Studi di Genova. - Dal 1 febbraio 1988 al 30 giugno 1990, ricercatrice (postdoctoral fellow) presso il Dipartimento di Molecular Genetics, M.D. Anderson Hospital Cancer Center Houston, Texas U.S.A con Emanuel Murgola, Ph.D., dove ha lavorato all'isolamento di prodotti proteici dopo la soppressione di una mutazione frameshift nel gene per la triptofano sintetasi dell'E.Coli. - Anderson Hospital Cancer Center Houston, Texas U.S.A - Da luglio 1990 alla fine di febbraio 1991 ricercatrice (postdoctoral fellow) presso il Dipartimento di Molecular Genetics, Baylor College of Medicine, Houston Texas U.S.A, con il Prof. Andrea Ballabio dove ha lavorato allo studio delle patologie del Sistema Nervoso Centrale e Periferico in particolare si è occupata di: 1) alla creazione di un contig di YACs di 1 Mb nella regione del gene umano

della iduronato solfatase (IDS) nella regione di Xq28 e allo studio dei pazienti con sindrome di Hunter; 2) all'isolamento del gene Xist responsabile dell'inattivazione del cromosoma X nelle femmine ed espresso dal cromosoma X inattivo, e alla caratterizzazione del suo omologo murino. Si segnala inoltre che il Prof.Andrea Ballabio è poi diventato il Direttore del TIGEM, finanziato da Telethon che è un centro di eccellenza per le malattie genetiche e muscolari. - Baylor College of Medicine, Houston Texas U.S.A,

- Da aprile 1991 borsista presso l'Istituto Giannina Gaslini, Pediatria III, Genova fino al giugno 1992, in cui si è occupata della creazione della "European Directory of Diagnostic Laboratories. Inborn Errors of Metabolism" e della caratterizzazione di pazienti affetti da sindrome di Hunter, X-linked - ISTITUTO GIANINA GASLINI

- Dal gennaio 93 ad oggi lavora presso l'Istituto G.Gaslini, U.O. Neurochirurgia, Genova, coordina l'attività di ricerca del Laboratorio di ricerca sui Difetti del Tubo Neurale. ISTITUTO GIANINA GASLINI

- Dirigente medico presso l'Istituto G.Gaslini, Servizio di Neurochirurgia, Genova dal luglio 2001 ad oggi dove coordina l'attività di ricerca del Laboratorio. Attività di Neurogenetista medico di pazienti con sindromi malformative del SNC e rare sindromi tumorali cerebrali del bambino - ISTITUTO GIANINA GASLINI

Capacità linguistiche

Lingua	Livello Parlato	Livello Scritto
Inglese	Eccellente	Eccellente

Capacità nell'uso delle tecnologie	- eccellente capacità di utilizzo dei software necessari per la scrittura ed eccellente capacità nell'uso di siti web per scopo diagnostico e di ricerca scientifica. eccellente capacità nell'utilizzo di tecniche di laboratorio
Altro (partecipazione a convegni e seminari, pubblicazioni, collaborazione a riviste, ecc., ed ogni altra informazione che il dirigente ritiene di dover pubblicare)	-Partecipazione a congressi nazionali ed internazionali -Presentazioni orali a congressi nazionali ed internazionali -Organizzazione di congressi internazionali -Organizzazione di seminari.
	Pubblicazioni Impact Factor totale: 350,283, h-index 19: 78) Merello Elisa, De Marco Patrizia, Ravegnani Marcello, Riccipetitoni Giovanna, Cama Armando, Capra Valeria. Novel *MNX1* mutations and clinical analysis of familial and sporadic Currarino cases. **European Journal of Medical Genetics** accepted **IF2.178** 77) Capra Valeria, Severino Mariasavina, Rossi Andrea, Nozza Paolo, Doneda Chiara, Perri Katia, Pavanello Marco, Fiorio Patrizia, Gimelli Giorgio, Tassano Elisa, Di Battista Eliana. Multiple pituitary hormone deficiency associated with congenital infiltrating lipomatosis of the face in a girl with deletion of chromosome 1q24.3q31.1. **Am J Med Genet** accepted **IF 2,404** 76) Mascelli S, Barla A, Raso A, Mosci S, Nozza P, Biassoni R, Morana G, Huber M, Mircean C, Fasulo D, Noy K, Wittemberg G, Pignatelli S, Piatelli G, Cama A, Garré ML, Capra V, Verri A. Molecular fingerprinting reflects different histotypes and brain region in low grade gliomas. **BMC cancer**. 2013 Aug 15;13(1):387. [Epub ahead of print] **IF3,33** 75) E.Merello, Z. Kibar, R.Allache, G. Piatelli, A. Cama, V.Capra, P.De Marco. Rare

missense variants in DVL1, one of the human counterparts of the Drosophila dishevelled gene, do not confer increased risk for Neural Tube Defects. Birth Defects Res A Clin Mol Teratol. 2013 Jul;97(7):452-5. doi: 10.1002/bdra.23157. Epub 2013 Jul 8. **IF 2.742**

74) Valeria Capra, Samatha Mascelli, Maria Luisa Garrè, Paolo Nozza, Carlotta Vaccari, Lara Bricco, Cristina Cuoco,Giorgio Gimelli, Elisa Tassano. Parental Imbalances Involving Chromosomes 15q and 22q may Predispose to the Formation of De Novo Pathogenic Microdeletions and Microduplications in the Offspring. **PLoS One**. 2013;8(3):e57910. doi: 10.1371/journal.pone.0057910. Epub 2013 Mar 6. **IF4.092**

73) Patrizia De Marco, Elisa Merello, Alessandro Consales, Gianluca Piatelli, Armando Cama, Zoha Kibar, Valeria Capra. Genetic analysis of *Dishevelled 2* and *Dishevelled 3* in human Neural Tube Defects. **J Mol Neurosci.** 2013 Mar;49(3):582-8. doi: 10.1007/s12031-012-9871-9. Epub 2012 Aug 15. **IF 2,504.**

72) Neural Tube Defects: Prevalence, Pathogenesis and Prevention, **Editors:** Alberich Klein, Nova Main, Chapter entitled Prevalence, Pathogenesis and Prevention of Neural Tube Defects. Patrizia De Marco, Elisa Merello, Valeria Capra pp1-30. Imprint: Nova Biomedical. **Pub. Date:** 2013- March **Pages:** 167, 6x9 - (NBC-R) **ISBN:** 978-1-62417-892-4.

71) Valeria Capra, Marisol Mirabelli-Badenier, Michela Stagnaro, Andrea Rossi, Elisa Tassano, Stefania Gimelli and Giorgio Gimelli. Identification of a rare 17p13.3 duplication including the *BHLHA9, YWHAE* genes in a family with developmental delay and behavioural problems. **BMC Med Genet.** 2012 Oct 4;13(1):93. [Epub ahead of print] **IF2,84**

70) Samantha Mascelli, Alessandro Raso, Roberto Biassoni, Mariasavina Severino, Claudia Milanaccio, Katrin Sak, Kairit Joost, Irene Vanni, Alessandro Consales, Armando Cama, Valeria Capra, Paolo Nozza, and Maria Luisa Garrè.

Analysis of NADP+-dependent isocitrate dehydrogenase-1/2 gene mutations in pediatric brain tumors: report of a secondary anaplastic astrocytoma carrying the IDH1 mutation. **J Neurooncol.** 2012 Sep;109(3):477-84. Epub 2012 Jul 22. [Epub ahead of print] **IF 3,214**.

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microarray in the spinal fluid of patients with aicardi-goutieres syndrome. **Neurology.** 2008 Jul 2. [Epub ahead of print]. **IF 7,043**

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