

CV Anna Maria Schito

1969: Nasce a Genova, il 18 Ottobre

1988: Maturità classica

1992: Laurea con lode in Scienze Biologiche presso l'Università degli Studi di Genova.

1994: Esame di abilitazione alla libera professione, superato con il massimo dei voti.

1993-1998: Dottorato di Ricerca in Genetica Medica presso l'Istituto di Biologia e Genetica dell'Università di Genova.

1997: Soggiorno di 3 mesi nel Dipartimento di Neurologia dell'Università della California, San Francisco, (USA) finanziata con borsa di studio del Consorzio Interuniversitario Biotecnologie (CIB).

1997-1999: Soggiorno presso lo stesso laboratorio di San Francisco con borsa di studio dei National Institutes of Health (NIH) Bethesda, MD, (USA)

2000-2002: Assegno di ricerca presso il laboratorio di Differenziamento Cellulare del Centro di Biotecnologie Avanzate (CBA) di Genova; Collaborazioni a studi condotti presso la Sezione di Microbiologia C.A. Romanzi del Di.S.C. "Dipartimento di Scienze Chirurgiche e Diagnostiche Integrate" dell'Università di Genova, l'Istituto di Microbiologia dell'Università Cattolica del Sacro Cuore di Roma e l'Istituto di Microbiologia dell'Università di Catania.

Dal 2002: Professore a contratto, presso la Facoltà di Farmacia dell'Università di Genova, per l'insegnamento di Microbiologia (parte di corso integrato) per i Corsi di Laurea in Farmacia, Informazione Scientifica del Farmaco, Tecniche Erboristiche e Chimica e Tecnologie Farmaceutiche.

16-17/6/2003: Esame di valutazione comparativa a Professore universitario di ruolo, fascia degli associati, per il settore scientifico di "Microbiologia e Microbiologia clinica" (MED 07) bandito dalla Facoltà di Farmacia dell'università di Bologna. Idoneità con Decreto Rettorale n. 1015 del 27/06/2003.

Dal 1/11/2006- Presa di servizio presso l'Istituto di Microbiologia dell'Università degli Studi di Genova.

Dal 20/12/05- Afferisce al Di.S.C.

1969- Born in Genoa, Italy, October, 18 1984-1988 classical high school studies 1992: Degree with honour in Biology, University of Genoa 1994- Examination to free biology profession passed with maximum degrees 1993-1998- Ph.D in Human Genetics, at the Institute of Biology and Genetics, University of Genoa, Medical School 1997- 3 months fellowship at the Department of Neurology of the University of California, San Francisco (USA). Fellowship sponsored by "Consorzio Interuniversitario Biotecnologie" (CIB) 1997-1999- Fellowship at the same Department of Neurology with a grant of the National Institutes of Health (NIH), Bethesda, MD, (USA) 2000-2002- Research Assistant at the Advanced Biotechnology Center (ABC) in the Laboratory of Cell Differentiation; Scientific collaborations with the Institute of Microbiology "C.A. Romanzi" of the Di.S.C. (Department of Surgical Sciences and Integrated Diagnostic Techniques") of the University of Genova, with the Institute of Microbiology of the Catholic University of Rome and the Institute of Microbiology of the University of Catania. From 2002- Professor of Microbiology at the Faculty of Pharmacy of the University of Genova for the Courses in Pharmacy, Scientific Information on Drugs, Medicinal Herbs Techniques and Chemical and Pharmaceutical Technologies. 16-17/6/2003 Associate Professor in "Microbiology and Clinical Microbiology". Dean decree n. 1015 of 27/06/2003. From 1/11/2006 initiates service at the Institute of Microbiology of the University of Genoa. From 20/12/05 formal association to Di.S.C.

ELENCO DELLE PUBBLICAZIONI:

Mandich P, Schito AM, Bellone E, Antonacci R, Finelli P, Rocchi M, Ajmar F. [Mapping of the human NMDAR2B receptor subunit gene \(GRIN2B\) to chromosome 12p12](#). Genomics. 1994 Jul 1;22(1):216-8.

Schito AM, Pizzuti A, Di Maria E, Schenone A, Ratti A, Defferrari R, Bellone E, Mancardi GL, Ajmar F, Mandich P. [mRNA distribution in adult human brain of GRIN2B, a N-methyl-D-aspartate \(NMDA\) receptor subunit](#). Neurosci Lett. 1997 Dec 12;239(1):49-53.

Barcellos LF, Schito AM, Rimmler JB, Vittinghoff E, Shih A, Lincoln R, Callier S, Elkins MK, Goodkin DE, Haines JL, Pericak-Vance MA, Hauser SL, Oksenberg JR. [CC-chemokine receptor 5 polymorphism and age of onset in familial multiple sclerosis](#). Multiple Sclerosis Genetics Group. Immunogenetics. 2000 Apr;51(4-5):281-8.

Schito AM, Vittinghoff E, Hecht FM, Elkins MK, Kahn JO, Levy JA, Oksenberg JR. [Longitudinal analysis of T-cell receptor gene use by CD8\(+\) T cells in early human immunodeficiency virus infection in patients receiving highly active antiretroviral therapy](#). Blood. 2001 Jan 1;97(1):214-20.

Klitz W, Brautbar C, Schito AM, Barcellos LF, Oksenberg JR. [Evolution of the CCR5 Delta32 mutation based on haplotype variation in Jewish and Northern European population samples](#). Hum Immunol. 2001 May;62(5):530-8.

Debbia EA, Roveta S, Schito AM, Gualco L, Marchese A. [Antibiotic persistence: the role of spontaneous DNA repair response](#). Microb Drug Resist. 2001 Winter;7(4):335-42.

Mazzaglia G, Arcoraci V, Blandino G, Miragliotta G, Schito AM, Pasquantonio G, Nicoletti G, Caputi AP. [Antibiotic prescribing for dental conditions: a community-based study in southern Italy](#). J Chemother. 2002 Feb;14(1):65-70.

Stefani S, Mezzatesta ML, Tempera G, Debbia E, Schito AM, Nicoletti G, Marchère A. [Comparative activity of linezolid against staphylococci and enterococci isolated in Italy](#). Clin Microbiol Infect. 2002 Jun;8(6):368-72.

Romano L, Sanguinetti M, Posteraro B, Ardito F, Gesu G, Schito AM, Fadda G. [Early detection of negative BACTEC MGIT 960 cultures by PCR-reverse cross-blot hybridization assay](#). J Clin Microbiol. 2002 Sep;40(9):3499-501.

Nicoletti G, Blandino G, Caccamo F, Friscia O, Schito AM, Speciale A; Italian Epidemiological Observatory. [The Italian Epidemiological Survey 1997-1999. Antimicrobial susceptibility data of Haemophilus influenzae, Haemophilus parainfluenzae and Moraxella catarrhalis in Italy](#). Int J Antimicrob Agents. 2002 Oct;20(4):263-9.

Graffeo R, Ranno S, Marchetti S, Capodicasa N, Schito AM, Fuga L, Amico R, Cattani P, Fadda G. [HHV 8 seroprevalence and transmission within Albanian family groups](#). New Microbiol. 2003 Jan;26(1):1-6.

Marchese A, Debbia EA, Tonoli E, Gualco L, Schito AM. [In vitro activity of thiamphenicol against multiresistant Streptococcus pneumoniae, Haemophilus influenzae and Staphylococcus aureus in Italy](#). J Chemother. 2002 Dec;14(6):554-61.

Duprè I, Zanetti S, Schito AM, Fadda G, Sechi LA. [Incidence of virulence determinants in clinical Enterococcus faecium and Enterococcus faecalis isolates collected in Sardinia \(Italy\)](#). J Med Microbiol. 2003 Jun;52(Pt 6):491-8. PMID: 12748268

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- Marchese A, Bozzolasco M, Gualco L, Debbia EA, Schito GC, Schito AM. [Effect of fosfomycin alone and in combination with N-acetylcysteine on E. coli biofilms.](#) Int J Antimicrob Agents. 2003 Oct;22 Suppl 2:95-100.
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- Schito AM, Schito GC. [Levofloxacin, a broad spectrum anti-infective: from Streptococcus pneumoniae to Pseudomonas aeruginosa.](#) J Chemother. 2004 Apr;16 Suppl 2:3-7.
- Marchese A, Gualco L, Schito AM, Debbia EA, Schito GC. [In vitro activity of ertapenem against selected respiratory pathogens.](#) J Antimicrob Chemother. 2004 Nov;54(5):944-51. Epub 2004 Oct 7.
- Branca G, Spanu T, Cammarota G, Schito AM, Gasbarrini A, Gasbarrini GB, Fadda G. [High levels of dual resistance to clarithromycin and metronidazole and in vitro activity of levofloxacin against Helicobacter pylori isolates from patients after failure of therapy.](#) Int J Antimicrob Agents. 2004 Nov;24(5):433-8.
- Roveta S, Schito AM, Marchese A, Schito GC. [Microbiological rationale for the utilisation of prulifloxacin, a new fluoroquinolone, in the eradication of serious infections caused by Pseudomonas aeruginosa.](#) Int J Antimicrob Agents. 2005 Nov;26(5):366-72.
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- Gualco L, Schito AM, Schito GC, Marchese A. [In vitro activity of prulifloxacin against Escherichia coli isolated from urinary tract infections and the biological cost of prulifloxacin resistance.](#) Int J Antimicrob Agents. 2007 Jun;29(6):679-87.
- Roveta S, Schito AM, Marchese A, Schito GC. [Activity of moxifloxacin on biofilms produced in vitro by bacterial pathogens involved in acute exacerbations of chronic bronchitis.](#) Int J Antimicrob Agents. 2007 Nov;30(5):415-21.
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Bisio A, Schito AM, Ebrahimi SN, Hamburger M, Mele G, Piatti G, Romussi G, Dal Piaz F, De Tommasi N. [Antibacterial compounds from *Salvia adenophora* Fernald \(Lamiaceae\)](#). Phytochemistry. 2015 Feb;110:120-32

Bisio A, Fraternali D, Schito AM, Parricchi A, Dal Piaz F, Ricci D, Giacomini M, Ruffoni B, De Tommasi N. [Establishment and analysis of in vitro biomass from *Salvia corrugata* Vahl. and evaluation of antimicrobial activity](#). Phytochemistry. 2016 Feb;122:276-85.