

# Curriculum Vitae di Daniela Amicizia

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## ESPERIENZA LAVORATIVA

<b>Da febbraio 2022 ad oggi</b> <b>Nome e indirizzo del datore di lavoro</b> <b>Tipo di azienda o settore</b>	Professore Associato MED/42 (seconda fascia) Università degli Studi di Genova Università
<b>Da novembre 2017 ad oggi</b> <b>Nome e indirizzo del datore di lavoro</b> <b>Tipo di azienda o settore</b>	Dirigente Medico SC Programmazione Sanitaria, Epidemiologia e Prevenzione A.Li.Sa. Sistema Sanitario Regionale
<b>Dal 2011 al 2022</b> <b>Nome e indirizzo del datore di lavoro</b> <b>Tipo di azienda o settore</b>	Ricercatore MED/42 Università degli Studi di Genova Università
<b>Dal 2011 ad oggi</b> <b>Nome e indirizzo del datore di lavoro</b> <b>Tipo di azienda o settore</b>	Membro Editorial Team Journal of Preventive Medicine and Hygiene -
<b>Dal 2010 al 2011</b> <b>Nome e indirizzo del datore di lavoro</b> <b>Tipo di azienda o settore</b>	Assegnista ricerca Università degli Studi di Genova Università
<b>Dal 2008 al 2009</b> <b>Nome e indirizzo del datore di lavoro</b> <b>Tipo di azienda o settore</b>	Collaboratore in attività di ricerca Università degli Studi di Genova Università
<b>Dal 2007 al 2007</b> <b>Nome e indirizzo del datore di lavoro</b> <b>Tipo di azienda o settore</b>	Collaboratore in attività di ricerca Università degli Studi di Genova Università
<b>Dal 2007 al 2007</b> <b>Nome e indirizzo del datore di lavoro</b> <b>Tipo di azienda o settore</b>	Medico vaccinatore ASL 3 Genovese Sistema Sanitario Regionale

## ISTRUZIONE E FORMAZIONE

**Dal 2002 al 2006** Specializzazione in Igiene e Medicina Preventiva

**2001** Abilitazione alla professione di Medico Chirurgo

**2000** Laurea in Medicina e Chirurgia

**Principali attività** Supporto nel processo di programmazione sanitaria: documenti tecnici di indirizzo, analisi e valutazione delle informazioni sulle attività delle Aziende, individuazione e monitoraggio degli obiettivi delle Aziende, Enti ed istituti del SSR). Valutazioni epidemiologiche, analisi della domanda sanitaria e sociosanitaria e dei determinanti di spesa, dei consumi sanitari e sociosanitari della popolazione ligure.

**Attività scientifica** ha svolto e svolge attività di ricerca in diversi campi dell'Igiene Generale e Applicata. Ha fatto parte e fa parte di gruppi di ricerca nell'ambito di Progetti di Ricerca Nazionali (PRIN ecc.) e internazionali finanziati dal Ministero dell'Università e della Ricerca Scientifica e Tecnologica, Istituto Superiore di Sanità, Ministero della Salute e di progetti di ricerca locali finanziati dall'Università degli Studi di Genova e dalla Regione Liguria. Inoltre, partecipa a numerosi progetti di ricerca finanziati da privati. In particolare ha svolto e svolge attività di ricerca nei seguenti campi:

- Epidemiologia e profilassi delle malattie infettive (virali e batteriche)
- Farmaco-economica, economia sanitaria ed Health Technology Assessment
- Promozione della salute
- Programmazione sanitaria

**Partecipazione a progetti di ricerca** Ha partecipato a numerosi progetti di ricerca nazionali e internazionali relativi alle attività scientifiche di ricerca sopra descritte.

**Attività didattica** Dal 2011 è titolare di numerosi insegnamenti di Igiene e Medicina Preventiva ed Epidemiologia per i CdL Odontoiatria e Protesi Dentaria, CdS Assistenza Sanitaria e altri corsi delle professioni sanitarie.

Genova 8 gennaio 2023



## PUBBLICAZIONI IN EXTENSO

1. Piazza MF, **Amicizia D**, Marchini F, Astengo M, Grammatico F, Battaglini A, Sticchi C, Paganino C, Lavieri R, Andreoli GB, Orsi A, Icardi G, Ansaldo F. Who Is at Higher Risk of SARS-CoV-2 Reinfection? Results from a Northern Region of Italy. *Vaccines (Basel)*. 2022 Nov 8;10(11):1885. doi: 10.3390/vaccines10111885.
2. Calabrò GE, Icardi G, Bonanni P, Gabutti G, Vitale F, Rizzo C, Cicchetti A, Staiano A, Ansaldo F, Orsi A, DE Waure C, Panatto D, **Amicizia D**, Bert F, Villani A, Ieraci R, Conversano M, Russo C, Rumi F, Scotti S, Maio T, Russo R, Vaccaro CM, Siliquini R, Ricciardi W. Vaccinazione antinfluenzale e value based health care: soluzioni operative per la tutela della salute pubblica [Flu vaccination and value-based health care: operational solutions to safeguard public health]. *J Prev Med Hyg*. 2022 Sep 28;63(2 Suppl 2):E1-E85. Italian. doi: 10.15167/2421-4248/jpmh2022.63.2s2
3. Astengo M, Paganino C, **Amicizia D**, Sticchi L, Orsi A, Icardi G, Piazza MF, Mohanty S, Senese F, Prandi GM, Ansaldo F. Incidence of Hospitalisation and Emergency Department Visits for Pneumococcal Disease in Children, Adolescents, and Adults in Liguria, Italy: A Retrospective Analysis from 2012-2018. *Vaccines (Basel)*. 2022 Aug 24;10(9):1375. doi: 10.3390/vaccines10091375.
4. Paleari L, Tassinari F, Astengo M, **Amicizia D**, Paganino C, Paoli G, Pronzato P, Ansaldo F. The Impact of the Introduction of the Breast Unit Model in a Northwestern Italian Region. *Healthcare (Basel)*. 2022 Aug 11;10(8):1512. doi: 10.3390/healthcare10081512.
5. Genovese C, La Fauci V, Di Pietro A, Trimarchi G, Odone A, Casuccio A, Costantino C, Restivo V, Fantini M, Gori D, Azara A, Deiana G, Castaldi S, Righi E, Palandri L, Panciroli G, Bianco A, Licata F, Cosentino S, Mistretta A, Marranzano M, Ragusa R, Gabutti G, Stefanati A, Prato R, Fortunato F, Martinelli D, Icardi G, Panatto D, **Amicizia D**, Fabiani L, Moretti A, Di Risio D, Siliquini R, Voglino G, Bert F, Lorini C, Bonaccorsi G, Torre I, Pennino F, Pavia M, Di Giuseppe G, Paolantonio A, Villari P, Marzuillo C, Messina G, Rivieri C, Nante N, Majori S, Tardivo S, Moretti F, D'Amato S, Mazzitelli F, Giunta I, Lo Giudice D, Pantò G, Signorelli C, Squeri R. COVID-19: opinions and behavior of Italian general population during the first epidemic phase. *Acta Biomed*. 2022 Jul 1;93(3):e2022262. doi: 10.23750/abm.v93i3.12262.
6. **Amicizia D**, Astengo M, Paganino C, Piazza MF, Sticchi C, Orsi A, Varlese F, Hu T, Petigara T, Senese F, Prandi GM, Icardi G, Ansaldo F. Economic burden of pneumococcal disease in children in Liguria, Italy. *Hum Vaccin Immunother*. 2022 Nov 30;18(5):2082205. doi: 10.1080/21645515.2022.2082205.
7. Astengo M, Tassinari F, Paganino C, Simonetti S, Gallo D, **Amicizia D**, Piazza MF, Orsi A, Icardi G, Ansaldo F. Weight of risk factors for mortality and short-term mortality displacement during the COVID-19 pandemic. *J Prev Med Hyg*. 2022 Jan 31;62(4):E864-E870. doi: 10.15167/2421-4248/jpmh2021.62.4.2269.
8. Calabrò GE, Boccalini S, Panatto D, Rizzo C, Di Pietro ML, Abreha FM, Ajelli M, **Amicizia D**, Bechini A, Giacchetta I, Lai PL, Merler S, Primieri C, Trentini F, Violi S, Bonanni P, de Waure C. The New Quadrivalent Adjuvanted Influenza Vaccine for the Italian Elderly: A Health Technology Assessment. *Int J Environ Res Public Health*. 2022 Mar 31;19(7):4166. doi: 10.3390/ijerph19074166.
9. Panatto D, Domnich A, **Amicizia D**, Reggio P, Iantomasi R. Vaccination against Tick-Borne Encephalitis (TBE) in Italy: Still a Long Way to Go. *Microorganisms*. 2022 Feb 18;10(2):464. doi: 10.3390/microorganisms10020464.
10. Piazza MF, **Amicizia D**, Paganino C, Marchini F, Astengo M, Grammatico F, Trucchi C, Romairone P, Simonetti S, Sticchi C, Ansaldo F. Has Clinical and Epidemiological Varicella Burden Changed over Time in Children? Overview on Hospitalizations, Comorbidities and Costs from 2010 to 2017 in Italy. *Vaccines (Basel)*. 2021 Dec 15;9(12):1485. doi: 10.3390/vaccines9121485.
11. Astengo M, Paganino C, **Amicizia D**, Trucchi C, Tassinari F, Sticchi C, Sticchi L, Orsi A, Icardi G, Piazza MF, Di Silverio B, Deb A, Senese F, Prandi GM, Ansaldo F. Economic Burden of Pneumococcal Disease in Individuals Aged 15 Years and Older in the Liguria Region of Italy. *Vaccines (Basel)*. 2021 Nov 24;9(12):1380. doi: 10.3390/vaccines9121380.
12. Boccalini S, Pariani E, Calabrò GE, DE Waure C, Panatto D, **Amicizia D**, Lai PL, Rizzo C, Amodio E, Vitale F, Casuccio A, DI Pietro ML, Galli C, Bubba L, Pellegrinelli L, Villani L, D'Ambrosio F, Caminiti M, Lorenzini E, Fioretti P, Micale RT, Frumento D, Cantova E, Parente F, Trento G, Sottile S, Pugliese A, Biamonte MA, Giorgetti D, Menicacci M, D'Anna A, Ammoscato C, LA Gatta E, Bechini A, Bonanni P. Health Technology Assessment (HTA) dell'introduzione della vaccinazione antinfluenzale per la popolazione giovanile italiana con il vaccino Fluenz Tetra® [Health Technology Assessment (HTA) of the introduction of influenza vaccination for Italian children with Fluenz Tetra®]. *J Prev Med Hyg*. 2021 Sep 10;62(2 Suppl 1):E1-E118. Italian. doi: 10.15167/2421-4248/jpmh2021.62.2s1.
13. Ponzio M, Tacchino A, **Amicizia D**, Piazza MF, Paganino C, Trucchi C, Astengo M, Simonetti S, Gallo D, Sansone A, Brichetto G, Battaglia MA, Ansaldo F. Prevalence of multiple sclerosis in Liguria region,

- Italy: an estimate using the capture-recapture method. *Neurol Sci.* 2022 May;43(5):3239-3245. doi: 10.1007/s10072-021-05718-w.
14. Boccacini S, Panatto D, Mennini FS, Marcellusi A, Bini C, **Amicizia D**, Lai PL, Micale RT, Frumento D, Azzari C, Ricci S, Bonito B, DI Pisa G, Iovine M, Lodi L, Giovannini M, Moscadelli A, Paoli S, Pennati BM, Pisano L, Bechini A, Bonanni P. *Health Technology Assessment (HTA) sull'introduzione di coorti aggiuntive per la vaccinazione contro il meningococco con vaccini quadrivalenti coniugati in Italia [Health Technology Assessment (HTA) of the introduction of additional cohorts for anti-meningococcal vaccination with quadrivalent conjugate vaccines in Italy]*. *J Prev Med Hyg.* 2021 May 13;62(1 Suppl 1):E1-E128. Italian. doi: 10.15167/2421-4248/jpmh2021.62.1s1.
  15. Fappani C, Bianchi S, Panatto D, Petrelli F, Colzani D, Scuri S, Gori M, Amendola A, Grappasonni I, Tanzi E, **Amicizia D**. HPV Type-Specific Prevalence a Decade after the Implementation of the Vaccination Program: Results from a Pilot Study. *Vaccines (Basel).* 2021 Apr 1;9(4):336. doi: 10.3390/vaccines9040336.
  16. Boccacini S, Zanella B, Landa P, **Amicizia D**, Bechini A, Innocenti M, Iovine M, Lecini E, Marchini F, Paolini D, Sartor G, Zangrillo F, Lai PL, Bonanni P, Panatto D. Why the Anti-Meningococcal B Vaccination during Adolescence Should Be Implemented in Italy: An Overview of Available Evidence. *Microorganisms.* 2020 Oct 29;8(11):1681. doi: 10.3390/microorganisms8111681.
  17. Trucchi C, D'Amelio M, **Amicizia D**, Orsi A, Loiacono I, Tosatto R, Piazza MF, Paganino C, Pitrelli A, Icardi G, Ansaldi F. Lowering the recommended age for the free and active offer of influenza vaccination in Italy: clinical and economic impact analysis in the Liguria region. *Hum Vaccin Immunother.* 2021 May 4;17(5):1387-1395. doi: 10.1080/21645515.2020.1810494.
  18. Trucchi C, Restivo V, **Amicizia D**, Fortunato F, Manca A, Martinelli D, Montecucco A, Piazza MF, Prato R, Tisa V, Ansaldi F, Icardi G. Italian Health Care Workers' Knowledge, Attitudes, and Practices Regarding Human Papillomavirus Infection and Prevention. *Int J Environ Res Public Health.* 2020 Jul 22;17(15):5278. doi: 10.3390/ijerph17155278.
  19. Boccacini S, Bechini A, Sartor G, Paolini D, Innocenti M, Bonanni P, Panatto D, Lai PL, Zangrillo F, Marchini F, Lecini E, Iovine M, **Amicizia D**, Landa P. Health Technology Assessment (HTA) del vaccino anti-meningococco B (Trumenba®) per gli adolescenti in Italia [Health Technology Assessment of meningococcal B vaccine (Trumenba®) in adolescent in Italy]. *J Prev Med Hyg.* 2019 Dec 19;60(3 Suppl 2):E1-E94. Italian. doi: 10.15167/2421-4248/jpmh2019.60.3s2.
  20. Trucchi C, **Amicizia D**, Tafuri S, Sticchi L, Durando P, Costantino C, Varlese F, Silverio BD, Bagnasco AM, Ansaldi F, Icardi G. Assessment of Knowledge, Attitudes, and Propensity towards HPV Vaccine of Young Adult Students in Italy. *Vaccines (Basel).* 2020 Feb 7;8(1):74. doi: 10.3390/vaccines8010074.
  21. Ansaldi F, Pugh S, **Amicizia D**, Di Virgilio R, Trucchi C, Orsi A, Zollo A, Icardi G. Estimating the Clinical and Economic Impact of Switching from the 13-Valent Pneumococcal Conjugate Vaccine (PCV13) to the 10-Valent Pneumococcal Conjugate Vaccine (PCV10) in Italy. *Pathogens.* 2020 Jan 22;9(2):76. doi: 10.3390/pathogens9020076.
  22. **Amicizia D**, Micale RT, Pennati BM, Zangrillo F, Iovine M, Lecini E, Marchini F, Lai PL, Panatto D. Burden of typhoid fever and cholera: similarities and differences. Prevention strategies for European travelers to endemic/epidemic areas. *J Prev Med Hyg.* 2019 Dec 20;60(4):E271-E285. doi: 10.15167/2421-4248/jpmh2019.60.4.1333.
  23. Icardi G, Costantino C, Guido M, Zizza A, Restivo V, **Amicizia D**, Tassinari F, Piazza MF, Paganino C, Casuccio A, Vitale F, Ansaldi F, Trucchi C. Burden and Prevention of HPV. Knowledge, Practices and Attitude Assessment Among Pre-Adolescents and their Parents in Italy. *Curr Pharm Des.* 2020;26(3):326-342. doi: 10.2174/1381612826666200114100553.
  24. Piazza MF, Paganino C, **Amicizia D**, Trucchi C, Orsi A, Astengo M, Romairone P, Simonetti S, Icardi G, Ansaldi F. The Unknown Health Burden of Herpes Zoster Hospitalizations: The Effect on Chronic Disease Course in Adult Patients ≥50 Years. *Vaccines (Basel).* 2020 Jan 10;8(1):20. doi: 10.3390/vaccines8010020.
  25. Panatto D, Haag M, Lai PL, Tomczyk S, **Amicizia D**, Lino MM. Enhanced Passive Safety Surveillance (EPSS) confirms an optimal safety profile of the use of MF59® -adjuvanted influenza vaccine in older adults: Results from three consecutive seasons. *Influenza Other Respir Viruses.* 2020 Jan;14(1):61-66. doi: 10.1111/irv.12685
  26. Trucchi C, Paganino C, Orsi A, **Amicizia D**, Tisa V, Piazza MF, Gallo D, Simonetti S, Buonopane B, Icardi G, Ansaldi F. Hospital and economic burden of influenza-like illness and lower respiratory tract infection in adults ≥50 years-old. *BMC Health Serv Res.* 2019 Aug 19;19(1):585. doi: 10.1186/s12913-019-4412-7
  27. Trucchi C, Costantino C, Restivo V, Bertoncetto C, Fortunato F, Tafuri S, **Amicizia D**, Martinelli D, Paganino C, Piazza MF, Tassinari F, Tisa V, Stefanizzi P, Baldo V, Casuccio A, Prato R, Ansaldi F, Icardi G. Immunization Campaigns and Strategies against Human Papillomavirus in Italy: The Results

- of a Survey to Regional and Local Health Units Representatives. *Biomed Res Int.* 2019 Jul 4;2019:6764154. doi: 10.1155/2019/6764154.
28. Bechini A, Bonanni P, Moscadelli A, Lauri S, Tiscione E, Levi M, Prato R, Fortunato F, Martinelli D, Gasparini R, Panatto D, **Amicizia D**, Coppola RC, Pellizzari B, Tabacchi G, Costantino C, Casuccio A, Vitale F, Iannazzo S, Boccalini S. Progetto ESCULAPIO: Elaborazione di Strategie e di interventi di Comunicazione sanitaria multi-obiettivo sulle malattie infettive prevenibili e sulle vaccinazioni come mezzo per aumentare le coperture vaccinali nella popolazione [ESCULAPIO: A project to elaborate strategies and actions of multi-purpose health communication on vaccine preventable infectious diseases in order to increase vaccination coverage in the population]. *Epidemiol Prev.* 2019 Jan-Feb;43(1):71-75.
  29. Genovese C, Picerno IAM, Trimarchi G, Cannavò G, Egitto G, Cosenza B, Merlina V, Icardi G, Panatto D, **Amicizia D**, Orsi A, Colosio C, Marsili C, Lari C, Palamara MAR, Vitale F, Casuccio A, Costantino C, Azara A, Castiglia P, Bianco A, Currà A, Gabutti G, Stefanati A, Sandri F, Florescu C, Marranzano M, Giorgianni G, Fiore V, Platania A, Torre I, Cappuccio A, Guillari A, Fabiani L, Giuliani AR, Appetiti A, Fauci V, Squeri A, Ragusa R, Squeri R. Vaccination coverage in healthcare workers: a multicenter cross-sectional study in Italy. *J Prev Med Hyg.* 2019 Mar 29;60(1):E12-E17. doi: 10.15167/2421-4248/jpmh2019.60.1.1097.
  30. Bechini A, Moscadelli A, Pieralli F, Sartor G, Seravalli V, Panatto D, **Amicizia D**, Bonanni P, Boccalini S. Impact assessment of an education course on vaccinations in a population of pregnant women: a pilot study. *J Prev Med Hyg.* 2019 Mar 29;60(1):E5-E11. doi: 10.15167/2421-4248/jpmh2019.60.1.1093.
  31. Vercelli M, Lillini R, Arata L, Zangrillo F, Bagnasco A, Sasso L, Magliani A, Gasparini R, **Amicizia D**, Panatto D. Analysis of influenza vaccination coverage among the elderly in Genoa (Italy) based on a deprivation index, 2009-2013. *J Prev Med Hyg.* 2019 Feb 28;59(4 Suppl 2):E11-E17. doi: 10.15167/2421-4248/jpmh2018.59.4s2.1171.
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  34. Trucchi C, Paganino C, **Amicizia D**, Orsi A, Tisa V, Piazza MF, Icardi G, Ansaldi F. Universal influenza virus vaccines: what needs to happen next? *Expert Opin Biol Ther.* 2019 Jul;19(7):671-683. doi: 10.1080/14712598.2019.1604671.
  35. de Waure C, Boccalini S, Bonanni P, **Amicizia D**, Poscia A, Bechini A, Barbieri M, Capri S, Specchia ML, Di Pietro ML, Arata L, Cacciatore P, Panatto D, Gasparini R. Adjuvanted influenza vaccine for the Italian elderly in the 2018/19 season: an updated health technology assessment. *Eur J Public Health.* 2019 Oct 1;29(5):900-905. doi: 10.1093/eurpub/ckz041.
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  37. Boccalini S, Bechini A, Innocenti M, Sartor G, Manzi F, Bonanni P, Panatto D, Lai PL, Zangrillo F, Rizzitelli E, Iovine M, **Amicizia D**, Bini C, Marcellusi A, Mennini FS, Rinaldi A, Trippi F, Ferriero AM, Lisi GC. La vaccinazione universale dei bambini contro l'influenza con il vaccino Vaxigrip Tetra® in Italia: risultati di una valutazione di *Health Technology Assessment* (HTA) [The universal influenza vaccination in children with Vaxigrip Tetra® in Italy: an evaluation of Health Technology Assessment]. *J Prev Med Hyg.* 2018 May 30;59(1 Suppl 1):E1-E86. Italian.
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44. Bechini A, Bonanni P, Lauri S, Tiscione E, Levi M, Prato R, Fortunato F, Martinelli D, Gasparini R, Panatto D, **Amicizia D**, Coppola RC, Pellizzari B, Tabacchi G, Costantino C, Vitale F, Iannazzo S, Boccalini S. Strategies and actions of multi-purpose health communication on vaccine preventable infectious diseases in order to increase vaccination coverage in the population: The ESCULAPIO project. *Hum Vaccin Immunother.* 2017 Feb;13(2):369-375. doi: 10.1080/21645515.2017.1268008.
45. Domnich A, Arata L, **Amicizia D**, Puig-Barberà J, Gasparini R, Panatto D. Effectiveness of MF59-adjuvanted seasonal influenza vaccine in the elderly: A systematic review and meta-analysis. *Vaccine.* 2017 Jan 23;35(4):513-520. doi: 10.1016/j.vaccine.2016.12.011.
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