

Prof.ssa Anna Odone



ATTUALE POSIZIONE RICOPERTA

- dal 2020 [Università di Pavia - Pavia](#)
[Dipartimento di Sanità Pubblica, Med. Sperimentale e Forense](#)
Professore Ordinario di Igiene Generale ed Applicata (SSD MED/42)
Direttore, Scuola di Specializzazione in Igiene e Medicina Preventiva
- dal 2019 [Università di Parma - Parma](#)
[Dipartimento di Medicina e Chirurgia](#)
Membro del Collegio dei Docenti
Corso di Dottorato in Scienze Mediche e Chirurgiche Traslazionali
- dal 2018 [IRCCS Ospedale San Raffaele - Milano](#)
[Direzione Sanitaria Aziendale](#)
Presidente Commissione HTA
- dal 2018 [IRCCS Ospedale San Raffaele - Milano](#)
[Comitato Etico](#)
Membro epidemiologo

TITOLI DI STUDIO

- 2018 [Università di Parma - Parma](#)
PhD - Dottorato di ricerca in Scienze Mediche – XXIX Ciclo
- 2015 [Università di Parma - Parma](#)
DrPH - Specializzazione in Igiene e Medicina Preventiva
Voto: 50/50 e Lode, con Menzione d'Onore
- 2013 [Harvard School of Public Health - Boston \(USA\)](#)
MPH - Masters of Public Health in Health Care Policy and Management
Italy-USA Fulbright Scholar
Public Health Leadership Concentration
- 2012 [London School of Hygiene and Tropical Medicine - London \(UK\)](#)
MsC - Master of Science in Epidemiology
- 2009 [Università di Parma - Parma](#)
MD - Laurea Specialistica in Medicina e Chirurgia
Voto: 110/110 con Lode
- 2003 [Liceo Scientifico G. Galilei - Alessandria](#)
Maturità Scientifica
Voto: 100/100 con Menzione

ABILITAZIONE ALLA PROFESSIONE MEDICA

- 2010 [Esame di Stato di Abilitazione all'esercizio della professione di Medico](#)
Iscritta all'Ordine dei Medici e degli Odontoiatri della Provincia di Parma (n.6221)

CARRIERA ACCADEMICA

- 2017 - 2019 Università Vita-Salute San Raffaele - Milano
 Facoltà di Medicina e Chirurgia
Professore Associato di Igiene Generale ed Applicata (SSD MED/42)
Direttore della Scuola di Specializzazione in Igiene e Medicina Preventiva
- 2016 - 2017 Università di Parma - Parma
 Dipartimento di Medicina e Chirurgia
Ricercatore (L. 240/10 tipo A, SSD MED/42 'Igiene Generale e Applicata')
- 2017 - 2018 Università di Parma - Parma
 Dipartimento di Medicina e Chirurgia
Membro del Consiglio della Scuola di Specializzazione in Igiene e Medicina Preventiva
- 2013 - 2014 Harvard Medical School - Boston (USA)
 Department of Global Health and Social Medicine
Postdoctoral Research Fellow

 ATTIVITA' ASSISTENZIALE

- 2021 Università di Parma - Parma
Titolo di formazione Manageriale per le Direzioni Generali e Strategiche delle Organizzazioni Sanitarie (Attestazione delle competenze manageriali richiesta ai sensi del D.Lgs. n. 502/92 del 30.12.92)
- 2018 - 2019 IRCCS Ospedale San Raffaele - Milano
 Direzione Sanitaria Aziendale
Responsabile Area Epidemiologia Clinica e HTA

 CARICHE IN SOCIETA' SCIENTIFICHE

- dal 2021 Società Italiana di Health Technology Assessment (SIHTA)
Membro del Comitato Tecnico Scientifico
- dal 2021 Accademia Nazionale di Medicina
Membro della Sezione Sanità Pubblica e Sicurezza in Sanità
- dal 2020 European Public Health Association (EUPHA) | Section on Digital Health
Presidente
- dal 2020 The Association of Schools of Public Health in the European Region (ASPHER)
Membro del Board of Directors' of the Schools of Public Health
- dal 2019 Accademia Lombarda di Sanità Pubblica (ALSP)
Membro Comitato Direttivo
- dal 2019 European Public Health Association (EUPHA) | Section on Infectious Diseases Control
Vice-Presidente

 APPARTENENZA A BOARDS E GRUPPI DI LAVORO

 Gruppi di Lavoro Ministeriali
Ministero della Salute

- Membro del Gruppo di Lavoro per la Predisposizione del Piano Nazionale di Prevenzione Vaccinale 2021-2025 (dal 2021)
 - Team di esperti Monitoraggio, valutazione e aggiornamento del Piano strategico-operativo nazionale di preparazione e risposta a una pandemia influenzale 2021 – 2023 (dal 2021)
- Comitati Scientifici di Centri di Ricerca Universitari

- Membro del Comitato Scientifico del Centro di Eccellenza Interdipartimentale di servizi per il Management Sanitario (CEIMS) - Università del Piemonte Orientale (dal 2019)
- Membro del Comitato Scientifico del Centro di Formazione e Ricerca su organizzazione, qualità e sostenibilità dei sistemi sanitari - Università di Parma (2016-2017)

Altri Comitati Scientifici

- Membro dell' eHealth Stakeholder Group – European Commission (dal 2020)
- Membro del board scientifico-editoriale Covid-Action - Fondazione Giovanni Lorenzini (dal 2020)
- Membro della task force COVID-19, Inequalities and vulnerabilities - Association of Schools of Public Health in the European Region - ASPHER (dal 2020)
- Membro dell' Digital Health Transformation Forum - Agenzia per la Promozione della Ricerca Europea (dal 2020)
- Membro dell' International Scientific Committee - European Public Health Association (dal 2015)
- Membro della Rete Assessment del Programma Regionale HTA - Regione Lombardia (dal 2019)
- Membro del Comitato Scientifico del Gruppo di Lavoro HTA - Assolombarda (dal 2019)
- Iscritta all' Albo degli esperti e dei collaboratori AGENAS, Area 4: clinico, organizzativa, epidemiologica, sociale (dal 2016)
- Membro della European Coalition on Adult vaccination Academic Working Group - International Federation on Ageing, IFA (2015-2016)
- Responsabile Segreteria Scientifica Happy Ageing, Alleanza italiana per l'invecchiamento attivo (2015-2016)

Harvard School of Public Health

- Membro del Programma Human Rights in Development (2013-2014)

Società Italiana di Igiene, Medicina Preventiva e Sanità Pubblica

- Membro del Board ristretto del Gruppo di Lavoro Health Technology Assessment - HTA (dal 2018)
- Membro del Board ristretto Gruppo di Lavoro Vaccini e Politiche Vaccinali (dal 2016-2018)
- Membro del Gruppo di Lavoro Leadership in Sanità Pubblica (dal 2018)

European Public Health Association

Membro delle seguenti sezioni: Child and adolescent public health (dal 2018), Environment and health (dal 2015), Food and nutrition (dal 2016), Health promotion (dal 2016), Health technology assessment (dal 2018), Migrant and ethnic minority health (dal 2017), Public health epidemiology (dal 2016), Public mental health (dal 2016)

**LEADERSHIP
IN SANITA' PUBBLICA**

- 2019 **Accademia Lombarda di Sanità Pubblica**
Academy of Young Leaders in Public Health
Membro della Faculty dei Direttori
- 2017 **WHO Collaborating Centre on Health Policy, Governance and Leadership**
Borsa di Studio della Società Italiana di Igiene, Medicina Preventiva e Sanità Pubblica
Corso di Leadership in Sanità Pubblica
- 2012 - 2013 **Harvard School of Public Health**
Center for Public Health Leadership
Interdisciplinary Public Health Leadership Concentration Program

**PROGETTI DI RICERCA
FINANZIATI**

- 2021-in corso **Ministero dell' Università e della Ricerca. Fondo integrativo speciale per la ricerca (FISR)**
“COVID-19: UNA PANDEMIA VISTA CON GLI OCCHI DEI BAMBINI Progetto di comunicazione scientifica rivolto all’infanzia - Leo&Giulia”
Ruolo: Principal Investigator
- 2021-in corso **European Centre for Disease Prevention and Control**
Training in the area of vaccination and vaccine hesitancy for primary healthcare professionals
Ruolo: Responsabile consulenza in progetto di ricerca
- 2020 - in corso **European Commission - Horizon 2020**

- Three Rapid Diagnostic tests (Point-of-Care) for COVID-19 Corona**
Three Rapid Diagnostic tests (Point-of-Care) for Coronavirus, improving epidemic preparedness public health and socio-economic benefits
 Ruolo: Co-Coordinatore Unità Operativa (Università Vita-Salute San Raffaele)
- 2020 - in corso [AXA RESEARCH FUND 2020](#)
Healthy Ageing in the wake of COVID-19 pandemic: impact evaluation of COVID-19 containment measures on physical, mental and social wellbeing of elder and fragile populations
 Ruolo: Coordinatore Unità Operativa (Università di Pavia)
- 2020 - in corso [Istituto di Ricerche Farmacologiche Mario Negri](#)
Changes in lifestyle habits and psychological distress following the lockdown to contrast the covid-19 outbreak in Italy
 Ruolo: Coordinatore Unità Operativa (Università Vita-Salute San Raffaele)
- 2020 [Association of Schools of Public Health in the European Region \(ASPHER\)](#)
This is Public Health in Europe
 Ruolo: Co-coordinatore Unità Operativa (Università Vita-Salute San Raffaele)
- 2019 - in corso [European Commission - Joint Action](#)
JOINT ACTION on Vaccination within the 3rd Health programme of the Union's Action in the field of health (2014-2020)
 Ruolo: Coordinatore Unità Operativa (Università Vita-Salute San Raffaele, third party)
- 2019 - in corso [Fondazione Cariplo](#)
Pension reforms and spatial-temporal patterns in healthy ageing in Lombardy: quasi-natural experimental analysis of linked health and pension data in comparative Italian and European perspective
 Ruolo: Principal Investigator (Università Vita-Salute San Raffaele)
- 2018 - incorso [Sanofi](#)
Impact of the new Italian law on mandatory immunization on coverage rates, vaccine preventable diseases' burden and on determinants of vaccine offer, demand and uptake
 Ruolo: Membro Unità Coordinatrice (Accademia Lombarda di Sanità Pubblica)
- 2017 - in corso [GlaxoSmithKline](#)
Information & Communication Technology to enhance immunization in Europe: the EUVIS project
 Ruolo: Principal Investigator (Università Vita-Salute San Raffaele)
- 2017 - 2019 [Programma CCM 2016](#)
L'implementazione pilota della End TB Strategy in Italia, finalizzata alla riduzione della MDR-TB
 Ruolo: Coordinatore Unità Operativa (Università di Parma, Università Vita-Salute San Raffaele)
- 2016 - 2018 [Ministero della Salute](#)
Prevenzione del doping: elaborazione di uno strumento permanente di educazione coordinato dai dipartimenti di prevenzione del SSN
 Ruolo: Membro Unità Operativa (Università di Parma)
- 2016 [The Global Fund to Fight AIDS, Tuberculosis and Malaria](#)
Health systems strengthening for enhanced tuberculosis prevention and care: Regional Eastern Europe and Central Asian Project
 Ruolo: Membro Unità Operativa (London School of Hygiene and Tropical Medicine)
- 2016 [European Centre for Disease Prevention and Control](#)
Immunogenicity, safety and tolerability of the 9-valent HPV vaccine
 Ruolo: Responsabile consulenza in progetto di ricerca
- 2016 [European Centre for Disease Prevention and Control](#)
Efficacy/effectiveness of HPV vaccination in women not previously included in the HPV vaccination target population/special populations
 Ruolo: Responsabile consulenza in progetto di ricerca
- 2015 - 2017 [Fondazione Cariparma](#)
Promozione delle politiche vaccinali nella popolazione anziana in provincia di Parma. Contenimento dell'impatto sociosanitario e dei costi di malattia

- Ruolo: Membro Unità Operativa (Università di Parma)
- 2015 - 2016 [The World Health Organization](#)
Assessing the impact of defining a global priority research agenda to address HIV associated TB
 Ruolo: Responsabile consulenza in progetto di ricerca
- 2013 - 2014 [European Centre for Disease Prevention and Control](#)
Key Infectious Diseases Affecting Migrant Populations in the EU and EEA
 Ruolo: Membro Unità Operativa (London School of Economics and Political Science)
- 2013 - 2014 [London School of Hygiene and Tropical Medicine](#)
The impact of antiretroviral therapy on mortality in HIV positive people during tuberculosis treatment
 Ruolo: Responsabile consulenza in progetto di ricerca
- 2011 - 2012 [Istituto di Ricerche Farmacologiche Mario Negri - Milano](#)
Prevalenza e determinanti di sovrappeso e obesità in Italia: analisi di un'indagine su 14.135 soggetti
 Ruolo: Collaborazione non finanziata in progetto di ricerca
- 2011 - 2012 [Laboratorio per i Diritti Fondamentali – Torino](#)
La Salute come Diritto Fondamentale: una ricerca sui migranti a Torino
 Ruolo: Collaborazione in progetto di ricerca

BORSE DI STUDIO PER SOGGIORNI ALL'ESTERO

- 2018 [European Health Forum Gastein & European Commission - Gastein \(AT\)](#)
Young Forum Gastein Scholarship
 Health and Sustainable Development - Bold political choices for Agenda 2030
- 2012 - 2014 [The USA-Italy Fulbright Commission - Boston \(USA\)](#)
FULBRIGHT Scholarship
 Category: Graduate - Institute of International Education (IIE)
- 2010 [Istituto Superiore di Sanita' - Imperial College London - London \(UK\)](#)
International cooperation in infectious diseases surveillance and control
 Course: 'Introduction to Mathematical Models of the Epidemiology and Control of Infectious Diseases'
- 2007 - 2008 [Université Libre de Bruxelles - Brussel \(Belgium\)](#)
ERASMUS Scholarship
- 2007 [Jagiellonian University - Cracow \(Poland\)](#)
IFMSA Scholarship
 Project: "Incidence of arrhythmias in patients after CABG"

PRINCIPALE ATTIVITA' DIDATTICA

[Università di Pavia – Pavia](#)

Coordinamento di attività didattiche

- Coordinatore del Corso Integrato Medicina Preventiva (CdL: Medicina e Chirurgia)
- Coordinatore del Corso Integrato Social Roots of Health (CdL: Medicina e Chirurgia in Lingua Inglese)
- Coordinatore del Corso Integrato Microbiologia e Igiene (CdL: Odontoiatria e Protesi Dentaria)

Docenze in Corsi di Laurea

- Social Roots of Health (CdL: Medicina e Chirurgia in Lingua Inglese)
- Igiene e Medicina di Comunità (CdL: Medicina e Chirurgia etc)
- Igiene generale ed applicata (CdL: TPALL, Scienze Infermieristiche, Scienze Motorie, Ostetricia etc)

Docenze in Scuole di Specializzazione

- Igiene Generale ed Applicata nelle Scuole di Specializzazione: Igiene e Medicina Preventiva

Docenze in Master universitari

- Master di II livello Executive Master in Management Strategico e Leadership delle Organizzazioni

- Sanitarie (EMMLOS,)
- Master di I livello in Infermiere di Famiglia e di Comunità

Università Vita-Salute San Raffaele - Milano

Coordinamento di attività didattiche

- Coordinatore del Corso Integrato Public Health & Legal Medicine (CdL: International MD Program)
- Coordinatore del Corso Integrato Metodologia dell'assistenza basata sulle evidenze (CdL:Infermieristica)

Docenze in Corsi di Laurea

- Public Health & Legal Medicine (CdL: International MD Program)
- Medicina Legale e Sanità Pubblica (CdL: Medicina e Chirurgia)
- Igiene e problemi prioritari di salute in Corso Integrato Promozione della salute e della sicurezza (CdL: Infermieristica, sede Milano)
- Igiene e problemi prioritari di salute in Corso Integrato Promozione della salute e della sicurezza (CdL: Infermieristica, sede Ponte San Pietro)
- Epidemiologia Clinica in Corso Integrato 'Metodologia dell'assistenza basata sulle evidenze' (CdL: Infermieristica)

Docenze in Scuole di Specializzazione

- Igiene Generale ed Applicata nelle Scuole di Specializzazione: Igiene e Medicina Preventiva, Chirurgia Toracica, Chirurgia Vascolare, Malattie Infettive e Tropicali, Chirurgia Orale, Ortognatodonzia

Docenze in Master universitari

- Master Universitario di primo livello in Wound Care
Il sistema di certificazione ed accreditamento per lo sviluppo della qualità delle cure in Corso integrato Strumenti per le pratiche cliniche basate sulle prove di efficacia
- Master Universitario di primo livello per Infermiere\Ostetrica di Ricerca (Clinical Research Nurse\Midwife)
Il sistema di certificazione ed accreditamento per lo sviluppo della qualità delle cure in Corso integrato Strumenti per le pratiche cliniche basate sulle prove di efficacia
- Master Universitario di primo livello in Infermieristica Dermatologica Clinica. Assistenza infermieristica e medica dall'anti aging alle terapie complementari di supporto in oncologia
Il sistema di certificazione ed accreditamento per lo sviluppo della qualità delle cure in Corso integrato Strumenti per le pratiche cliniche basate sulle prove di efficacia

Università di Parma - Parma

Coordinamento di attività didattiche

- Coordinatore del Corso Integrato Promozione della Salute (CdL: Infermieristica)

Docenze in Corsi di Laurea

- Igiene Generale ed Epidemiologia in Corso Integrato Promozione della Salute (CdL: Infermieristica)

Docenze in Master universitari

- Master di II livello in Management dei Servizi Sanitari e Socio-Sanitari

P.r.o.g.e.a - Milano

Docenza nel Corso di Rivalidazione Manageriale

Management per il Cambiamento nelle Organizzazioni Sanitarie

LIUC Business School - Castellanza (VA)

Docenza nel Corso di Alta Formazione per l'HTA

Valutazione e validazione delle evidenze in HTA

ESPERIENZE
PROFESSIONALI

- 2013 [Ministero degli Affari Esteri - Lima \(Peru\)](#)
[Direzione Generale per la Cooperazione allo Sviluppo](#)
Esperto di salute pubblica
Progetto di Assistenza Tecnica al Ministero della Salute del Perù nel quadro della Riforma Nazionale di Assicuramento Universal en Salud (dal 18/06/2013 al 17/07/2013)
- 2013 [Partners In Health - Lima \(Peru\)](#)
[Harvard School Of Public Health placement](#)
Stage
Progetto: The Peruvian National Tuberculosis Programme and the implementation of the community-based model for tuberculosis care

- 2011 Ministero degli Affari Esteri - Lima (Peru)
 Direzione Generale per la Cooperazione allo Sviluppo
Esperto di salute pubblica
 Programma di Assistenza Tecnica al Ministero di Salute peruviano nel quadro del Programma Nazionale "Aseguramiento Universal de Salud" AID 9344 (dal 13/03/2011 al 16/04/2011)
- 2009-2010 European Food Safety Authority - Parma
 Unit Contaminants in the Food Chain
Stage
- 2008 The World Health Organization - Cairo (Egitto)
 Eastern Mediterranean Regional Office
Stage presso il Dipartimento Stop TB

COMPETENZE LINGUISTICHE

Lingua madre	Italiano				
Altre lingue	COMPRESIONE		PARLATO		PRODUZIONE SCRITTA
	Ascolto	Lettura	Interazione	Produzione orale	
Inglese	C2	C2	C2	C2	C2
Francese	ETS • TOEFL iBT Test – Apr 2011: total score 108 UNIVERSITY OF CAMBRIDGE – INTERNATIONAL EXAMINATIONS: • Cambridge Proficiency Examination (CPE) – Jun 2002				
	C2	C2	C2	C2	C2
Spagnolo	MINISTERE DE L'EDUCATION NATIONALE: COMMISSION NATIONALE DU DELF ET DU DALF: • DALF niveau C1 du cadre europeen commun de reference - Jun 2008				
	C2	C2	C2	C2	C2
	INSTITUTO CERVANTES: • Diploma de español como lengua extranjera: certificado superior – May 2002				

Livelli: A1/A2: Utente base - B1/B2: Utente intermedio - C1/C2: Utente avanzato
[Quadro Comune Europeo di Riferimento delle Lingue](#)

RIASSUNTO PRODUZIONE SCIENTIFICA

INDICATORI BIBLIOGRAFICI	
n. pubblicazioni (Scopus)	222
n. citazioni (Scopus)	3829
h-index (Scopus)	34
PRODUZIONE SCIENTIFICA	
Pubblicazioni indicizzate su <i>Medline</i>	213
Libri di testo universitari	6
Capitoli di libro	16
Contributi in report	9
Monografie e tesi	5

PUBBLICAZIONI INDICIZZATE SU MEDLINE

1. Wong BLH, Maaß L, Vodden A, van Kessel R, Sorbello S, Buttigieg S, et al. The dawn of digital public health in Europe:

- Implications for public health policy and practice. *Lancet Reg Health Eur.* 2022;14:100316.
2. Vigezzi GP, Odone A. COVID-19 immunisation in older people. *Lancet Healthy Longev.* 2022.
 3. Vigezzi GP, Gianfredi V, Lume A, Minerva M, Nizzero P, Biancardi A, et al. COVID-19 vaccination surveillance: a public health commitment. *Acta Biomed.* 2022;92(6):e2021554.
 4. Sabbatucci M, Odone A, Signorelli C, Siddu A, Silenzi A, Maraglino FP, et al. Childhood Immunisation Coverage during the COVID-19 Epidemic in Italy. *Vaccines (Basel).* 2022;10(1).
 5. Odone A, Bricchi L, Signorelli C. COVID-19 control school-based interventions: characteristics and impact of a national-level educational programme in Italy. *Acta Biomed.* 2022;92(S6):e2021495.
 6. Odone A, Bossi E, Scardoni A, Balzarini F, Orlandi C, Arrigoni C, et al. Physician-to-Nurse Handover: A Systematic Review on the Effectiveness of Different Models. *J Patient Saf.* 2022;18(1):e73-e84.
 7. Genovese C, Costantino C, Odone A, Trimarchi G, La Fauci V, Mazzitelli F, et al. A Knowledge, Attitude, and Perception Study on Flu and COVID-19 Vaccination during the COVID-19 Pandemic: Multicentric Italian Survey Insights. *Vaccines (Basel).* 2022;10(2).
 8. Gallus S, Stival C, Carreras G, Gorini G, Amerio A, McKee M, et al. Use of electronic cigarettes and heated tobacco products during the Covid-19 pandemic. *Sci Rep.* 2022;12(1):702.
 9. Amerio A, Stival C, Lugo A, Fanucchi T, Gorini G, Pacifici R, et al. COVID-19 lockdown: The relationship between trait impulsivity and addictive behaviors in a large representative sample of Italian adults. *J Affect Disord.* 2022;302:424-7.
 10. Vigezzi GP, Lume A, Minerva M, Nizzero P, Biancardi A, Gianfredi V, et al. Safety surveillance after BNT162b2 mRNA COVID-19 vaccination: results from a cross-sectional survey among staff of a large Italian teaching hospital. *Acta Biomed.* 2021;92(S6):e2021450.
 11. Vigezzi GP, Gaetti G, Gianfredi V, Frascella B, Gentile L, d'Errico A, et al. Transition to retirement impact on health and lifestyle habits: analysis from a nationwide Italian cohort. *BMC Public Health.* 2021;21(1):1670.
 12. Trimarchi L, Caruso R, Magon G, Odone A, Arrigoni C. Clinical pathways and patient-related outcomes in hospital-based settings: a systematic review and meta-analysis of randomized controlled trials. *Acta Biomed.* 2021;92(1):e2021093.
 13. Sorbello S, Pleet AR, Ambrosio A, Odone A. Using After-Action Reviews to Strengthen Hospital Preparedness: A Lesson Learned From COVID-19. *Qual Manag Health Care.* 2021.
 14. Sorbello S, Bossi E, Zandalasini C, Carioli G, Signorelli C, Ciceri F, et al. After Action Reviews of COVID-19 response: Case study of a large tertiary care hospital in Italy. *Int J Health Plann Manage.* 2021;36(5):1758-71.
 15. Signorelli C, Odone A, Gianfredi V, Capraro M, Kacerik E, Chiecca G, et al. Application of the "immunization islands" model to improve quality, efficiency and safety of a COVID-19 mass vaccination site. *Ann Ig.* 2021;33(5):499-512.
 16. Signorelli C, Odone A, Gianfredi V, Balzarini F, Bucci D, Croci R, et al. Epidemiological assessment of the first COVID-19 epidemic wave in Lombardy. A systematic review. *Acta Biomed.* 2021;92(S6):e2021462.
 17. Sabbatucci M, Odone A, Signorelli C, Siddu A, Maraglino F, Rezza G. Improved Temporal Trends of Vaccination Coverage Rates in Childhood after the Mandatory Vaccination Act, Italy 2014-2019. *J Clin Med.* 2021;10(12).
 18. Perego G, Vigezzi GP, Cocciolo G, Chiappa F, Salvati S, Balzarini F, et al. Safety and Efficacy of Spray Intranasal Live Attenuated Influenza Vaccine: Systematic Review and Meta-Analysis. *Vaccines (Basel).* 2021;9(9).
 19. Pegollo L, Maggioni E, Gaeta M, Odone A. Characteristics and determinants of population acceptance of COVID-19 digital contact tracing: a systematic review. *Acta Biomed.* 2021;92(S6):e2021444.
 20. Odone A, Gianfredi V, Vigezzi GP, Amerio A, Ardito C, d'Errico A, et al. Does retirement trigger depressive symptoms? A systematic review and meta-analysis. *Epidemiol Psychiatr Sci.* 2021;30:e77.
 21. Odone A, Gianfredi V, Sorbello S, Capraro M, Frascella B, Vigezzi GP, et al. The Use of Digital Technologies to Support Vaccination Programmes in Europe: State of the Art and Best Practices from Experts' Interviews. *Vaccines (Basel).* 2021;9(10).
 22. Odone A, Delmonte D, Gaetti G, Signorelli C. Doubled mortality rate during the COVID-19 pandemic in Italy: quantifying what is not captured by surveillance. *Public Health.* 2021;190:108-15.
 23. Odone A, Dallagiocoma G, Frascella B, Signorelli C, Leask J. Current understandings of the impact of mandatory vaccination laws in Europe. *Expert Rev Vaccines.* 2021;20(5):559-75.
 24. Mutti C, Riccò M, Bartolini Y, Bernabè G, Trippi I, Melpignano A, et al. Incomplete hippocampal inversion and epilepsy: A systematic review and meta-analysis. *Epilepsia.* 2021;62(2):383-96.
 25. Mohieldin Mahgoub Ibrahim M, Colucci ME, Veronesi L, Viani I, Odone A, Arena MP, et al. Virological surveillance of SARS-CoV-2 in an Italian Northern area: differences in gender, age and Real Time RT PCR cycle threshold (Ct) values in three epidemic periods. *Acta Biomed.* 2021;92(S6):e2021457.
 26. Mezzoiuso AG, Odone A, Signorelli C, Russo AG. Association Between Smoking And Cancers Among Women: Results From The FRiCaM Multisite Cohort Study. *J Cancer.* 2021;12(11):3136-44.
 27. Mazza C, Girardi D, Gentile L, Gaeta M, Signorelli C, Odone A. Public health effectiveness of digital contact tracing in the COVID-19 pandemic: A systematic review of available data. *Acta Biomed.* 2021;92(S6):e2021439.
 28. Lugo A, Stival C, Paroni L, Amerio A, Carreras G, Gorini G, et al. The impact of COVID-19 lockdown on gambling habit: A cross-sectional study from Italy. *J Behav Addict.* 2021;10(3):711-21.
 29. Gianfredi V, Pennisi F, Lume A, Ricciardi GE, Minerva M, Riccò M, et al. Challenges and Opportunities of Mass Vaccination Centers in COVID-19 Times: A Rapid Review of Literature. *Vaccines (Basel).* 2021;9(6).
 30. Gianfredi V, Minerva M, Casu G, Capraro M, Chiecca G, Gaetti G, et al. Immediate adverse events following COVID-19 immunization. A cross-sectional study of 314,664 Italian subjects. *Acta Biomed.* 2021;92(S6):e2021487.
 31. Gianfredi V, Mauer NS, Gentile L, Riccò M, Odone A, Signorelli C. COVID-19 and Recreational Skiing: Results of a Rapid Systematic Review and Possible Preventive Measures. *Int J Environ Res Public Health.* 2021;18(8).
 32. Gianfredi V, Koster A, Odone A, Amerio A, Signorelli C, Schaper NC, et al. Associations of Dietary Patterns with Incident Depression: The Maastricht Study. *Nutrients.* 2021;13(3).
 33. Gianfredi V, Koster A, Eussen S, Odone A, Amerio A, Signorelli C, et al. The association between cardio-respiratory fitness and incident depression: The Maastricht Study. *J Affect Disord.* 2021;279:484-90.
 34. Gianfredi V, Filia A, Rota MC, Croci R, Bellini L, Odone A, et al. Vaccine Procurement: A Conceptual Framework Based on

- Literature Review. *Vaccines* (Basel). 2021;9(12).
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