

# Alessia Melegaro

## DEMOGRAPHY

---

### ARTICLES IN SCHOLARLY JOURNALS

ANTONINI M., GENIE M. G., ATTEMA A. E., ATTWELL K., BALOGH Z. J., BEHMANE D., BERARDI C., BRAMMLI-GREENBERG S., GREENLAND A., HAGEN T. P., HINWOOD M., JAMES C., KELLNER A., KELLY B., MURAUSKIENÉ L., MCGREGOR N., MELEGARO A., MOY N., SEQUEIRA A. R., SINGH R., TORBICA A., WARD J. K., YANG D., PAOLUCCI F.

**Public preferences for vaccination campaigns in the COVID-19 endemic phase: insights from the VaxPref database**

Health Policy and Technology, 2024, vol.13, no. 1, pp.100849

TRENTINI F., CIANI O., VANNI E., GHISLANDI S., TORBICA A., AZZOLINI E., MELEGARO A.

**A repeated cross-sectional analysis on the economic impact of SARS-CoV-2 pandemic at the hospital level in Italy**

Scientific Reports, 2023, vol.13, no. 1, pp.12386

KITI M. C., AGUOLU O. G., ZELAYA A., CHEN H. Y., AHMED N., BATROSS J., LIU C. Y., NELSON K. N., JENNESS S. M., MELEGARO A., AHMED F., MALIK F., OMER S. B., LOPMAN B. A.

**Changing social contact patterns among US workers during the COVID-19 pandemic: April 2020 to December 2021**

Epidemics, 2023, vol.45, pp.100727

SHEPPARD R. J., WATSON O. J., PIECIAK R., LUNGU J., KWENDA G., MOYO C., CHANDA S. L., BARNSLEY G., BRAZEAU N. F., GERARD-URSIN I. C. G., OLIVERA MESA D., WHITTAKER C., GREGSON S., OKELL L. C., GHANI A. C., MACLEOD W. B., DEL FAVA E., MELEGARO A., HINES J. Z., MULENGA L. B., WALKER P. G. T., MWANANYANDA L., GILL C. J.

**Using mortuary and burial data to place COVID-19 in Lusaka, Zambia within a global context**

Nature Communications, 2023, vol.14, no. 1

SHAYEGH S., ANDREU-PEREZ J., AKOTH C., BOSCH-CAPBLANCH X., DASGUPTA S., FALCHETTA G., GREGSON S., HAMMAD A. T., HERRINGER M., KAPKEA F., LABELLA A., LISCIOTTO L., MARTÍNEZ L., MACHARIA P. M., MORALES-RUIZ P., MURAGE N., OFFEDDU V., SOUTH A., TORBICA A., TRENTINI F., MELEGARO A.

**Prioritizing COVID-19 vaccine allocation in resource poor settings: Towards an Artificial Intelligence-enabled and Geospatial-assisted decision support framework**

Plos One, 2023, vol.18, no. 8, pp.e0275037

TRENTINI F., MANNA A., BALBO N., MARZIANO V., GUZZETTA G., O'DELL S., KUMMER A. G., LITVINOVA M., MERLER S., AJELLI M., POLETTI P., MELEGARO A.

**Investigating the relationship between interventions, contact patterns, and SARS-CoV-2 transmissibility**

Epidemics, 2022, vol.40, pp.100601

CUCCINIELLO M., PIN P., IMRE B., PORUMBESCU G. A., MELEGARO A.

**Altruism and vaccination intentions: Evidence from behavioral experiments**

Social Science & Medicine, 2022, vol.292, pp.114195

AGUOLU O. G., WILLEBRAND K., ELHARAKE J. A., QURESHI H. M., KITI M. C., LIU C. Y., RESTREPO MESA A., NELSON K., JENNESS S., MELEGARO A., AHMED F., YILDIRIM I., MALIK F. A., LOPMAN B., OMER S. B.

**Factors influencing the decision to receive seasonal influenza vaccination among US corporate non-healthcare workers**

Human Vaccines & Immunotherapeutics, 2022, vol.18, no. 6

TRENTINI F., MARZIANO V., GUZZETTA G., TIRANI M., CEREDA D., POLETTI P., PICCARRETA R., BARONE A., PREZIOSI G., ARDUINI F., DELLA VALLE P. G., ZANELLA A., GROSSO F., DEL CASTILLO G., CASTROFINO A., GRASSELLI G., MELEGARO A., PIATTI A., ANDREASSI A., GRAMEGNA M., AJELLI M., MERLER S.

**Pressure on the Health-Care System and Intensive Care Utilization During the COVID-19 Outbreak in the Lombardy Region of Italy: A Retrospective Observational Study in 43,538 Hospitalized Patients**

American Journal of Epidemiology, 2022, vol.191, no. 1, pp.137-146

ZARDINI A., GALLI M., TIRANI M., CEREDA D., MANICA M., TRENTINI F., GUZZETTA G., MARZIANO V., PICCARRETA R., MELEGARO A., AJELLI M., POLETTI P., MERLER S.

**A quantitative assessment of epidemiological parameters required to investigate COVID-19 burden**

Epidemics, December, 2021, vol.37, pp.100530

DEL FAVA E., ADEMA I., KITI M. C., POLETTI P., MERLER S., NOKES D. J., MANFREDI P., MELEGARO A.

**Individual's daily behaviour and intergenerational mixing in different social contexts of Kenya**

Scientific Reports, 2021, vol.11, no. 1, pp.21589

TRENTINI F., GUZZETTA G., GALLI M., ZARDINI A., MANENTI F., PUTOTO G., MARZIANO V., GAMSHIE W. N., TSEGAYE A., GREBLO A., MELEGARO A., AJELLI M., MERLER S., POLETTI P.

**Modeling the interplay between demography, social contact patterns, and SARS-CoV-2 transmission in the South West Shewa Zone of Oromia Region, Ethiopia**

BMC Medicine, 2021, vol.19, no. 1

ROTESI T., PIN P., CUCCINIELLO M., MALIK A. A., PAINTSIL E. E., BOKEMPER S. E., WILLEBRAND K., HUBER G. A., MELEGARO A., OMER S. B.

**National interest may require distributing COVID-19 vaccines to other countries**

Scientific Reports, 2021, vol.11, pp.18253

CEREDA D., MANICA M., TIRANI M., ROVIDA F., DEMICHELII V., AJELLI M., POLETTI P., TRENTINI F., GUZZETTA G., MARZIANO V., PICCARRETA R., BARONE A., MAGONI M., DEANDREA S., DIURNO G., LOMBARDO M., FACCINI M., PAN A., BRUNO R., PARIANI E., GRASSELLI G., PIATTI A., GRAMEGNA M., BALDANTI F., MELEGARO A., MERLER S.

**The early phase of the COVID-19 epidemic in Lombardy, Italy**

Epidemics, December, 2021, vol.37, pp.100528

KITI M. C., AGUOLU O. G., LIU C. Y., MESA A. R., REGINA R., WOODY M., WILLEBRAND K., COUZENS C., BARTELSMEYER T., NELSON K. N., JENNESS S., RILEY S., MELEGARO A., AHMED F., MALIK F., LOPMAN B. A., OMER S. B.

**Social contact patterns among employees in 3 U.S. companies during early phases of the COVID-19 pandemic, April to June 2020**

Epidemics, 2021, vol.36, pp.100481

POLETTI P., TIRANI M., CEREDA D., GUZZETTA G., TRENTINI F., MARZIANO V., TOSO C., PIATTI A., PICCARRETA R., MELEGARO A., ANDREASSI A., GRAMEGNA M., AJELLI M., MERLER S.

**Seroprevalence of and Risk Factors Associated With SARS-CoV-2 Infection in Health Care Workers During the Early COVID-19 Pandemic in Italy**

JAMA Network Open, 2021, vol.4, no. 7

CLARKE P. M., ROOPE L. S. J., LOEWEN P. J., BONNEFON J., MELEGARO A., FRIEDMAN J., VIOLATO M., BARNETT A., DUCH R.

**Public opinion on global rollout of COVID-19 vaccines**

Nature Medicine, 2021, vol.27, no. 6, pp.935-936

POLETTI P., TIRANI M., CEREDA D., TRENTINI F., GUZZETTA G., MARZIANO V., SABATINO G., CASTROFINO

A., GROSSO F., DEL CASTILLO G., PICCARRETA R., ANDREASSI A., MELEGARO A., GRAMEGNA M., AJELLI M., MERLER S., ATS LOMBARDY COVID-19 TASK FORCE

**Association of Age With Likelihood of Developing Symptoms and Critical Disease Among Close Contacts Exposed to Patients With Confirmed SARS-CoV-2 Infection in Italy**

JAMA Network Open, 2021, vol.4, no. 3, pp.1-10

DUCH R., ROOPE L. S. J., VIOLATO M., FUENTES BECERRA M., ROBINSON T. S., BONNEFON J., FRIEDMAN J., LOEWEN P. J., MAMIDI P., MELEGARO A., BLANCO M., VARGAS J., SEITHER J., CANDIO P., GIBERTONI CRUZ A., HUA X., BARNETT A., CLARKE P. M.

**Citizens from 13 countries share similar preferences for COVID-19 vaccine allocation priorities**

Proceedings of the National Academy of Sciences of the Usa (Pnas), 2021, vol.118, no. 38

BOKEMPER S. E., CUCCINIELLO M., ROTESI T., PIN P., MALIK A. A., WILLEBRAND K., PAINTSIL E. E., OMER S. B., HUBER G. A., MELEGARO A., CAPRARO V.

**Experimental evidence that changing beliefs about mask efficacy and social norms increase mask wearing for COVID-19 risk reduction: Results from the United States and Italy**

Plos One, 2021, vol.16, no. 10, pp.e0258282

LIU C. Y., BERLIN J., KITI M. C., DEL FAVA E., GROW A., ZAGHENI E., MELEGARO A., JENNESS S. M., OMER S. B., LOPMAN B., NELSON K.

**Rapid Review of Social Contact Patterns During the COVID-19 Pandemic**

Epidemiology, 2021, vol.32, no. 6, pp.781-791

MOUSA A., WINSKILL P., WATSON O. J., RATMANN O., MONOD M., AJELLI M., DIALLO A., DODD P. J., GRIJALVA C. G., KITI M. C., KRISHNAN A., KUMAR R., KUMAR S., KWOK K. O., LANATA C. F., DE WAROUX O. L. P., LEUNG K., MAHIKUL W., MELEGARO A., MORROW C. D., MOSSONG J., NEAL E. F., NOKES D. J., PAN-NGUM W., POTTER G. E., RUSSELL F. M., SAHA S., SUGIMOTO J. D., WEI W. I., WOOD R. R., WU J., ZHANG J., WALKER P., WHITTAKER C.

**Social contact patterns and implications for infectious disease transmission – a systematic review and meta-analysis of contact surveys**

eLife, November, 2021, vol.10, pp.e70294

POLETTI P., TIRANI M., CEREDA D., TRENTINI F., GUZZETTA G., MARZIANO V., BUORO S., RIBOLI S., CROTTIGINI L., PICCARRETA R., PIATTI A., GRASSELLI G., MELEGARO A., GRAMEGNA M., AJELLI M., MERLER S.

**Age-specific SARS-CoV-2 infection fatality ratio and associated risk factors, Italy, February to April 2020**

Eurosurveillance, 2020, vol.25, no. 31, pp.2001383

LAZARUS J. V., RATZAN S., PALAYEW A., BILLARI F. C., BINAGWAHO A., KIMBALL S., LARSON H. J., MELEGARO A., RABIN K., WHITE T. M., EL-MOHANDES A., HOTCHKISS D.

**COVID-SCORE: A global survey to assess public perceptions of government responses to COVID-19 (COVID-SCORE-10)**

Plos One, 2020, vol.15, no. 10, pp.e0240011

GUZZETTA G., POLETTI P., AJELLI M., TRENTINI F., MARZIANO V., CEREDA D., TIRANI M., DIURNO G., BODINA A., BARONE A., CROTTIGINI L., GRAMEGNA M., MELEGARO A., MERLER S.

**Potential short-term outcome of an uncontrolled COVID-19 epidemic in Lombardy, Italy, February to March 2020**

Eurosurveillance, 2020, vol.25, no. 12

TRENTINI F., POLETTI P., MELEGARO A., MERLER S.

**The introduction of 'No jab, No school' policy and the refinement of measles immunisation strategies in high-income countries**

BMC Medicine, 2019, vol.17, no. 1, pp.86

HOANG T., COLETTI P., MELEGARO A., WALLINGA J., GRIJALVA C. G., EDMUNDS J. W., BEUTELS P., HENS N.

**A Systematic Review of Social Contact Surveys to Inform Transmission Models of Close-contact Infections**

Epidemiology, 2019, vol.30, no. 5, pp.723-736

TOFFOLUTTI V., MCKEE M., MELEGARO A., RICCIARDI W., STUCKLER D.

**Austerity, measles and mandatory vaccination: cross-regional analysis of vaccination in Italy 2000–14**

European Journal of Public Health, 2019, vol.29, no. 1, pp.123–127

MARZIANO V., POLETTI P., TRENTINI F., MELEGARO A., AJELLI M., MERLER S.

**Parental vaccination to reduce measles immunity gaps in Italy**

eLife, September, 2019, vol.8, pp.e44942

KITI M. C., MELEGARO A., CATTUTO C., NOKES D. J.

**Study design and protocol for investigating social network patterns in rural and urban schools and households in a coastal setting in Kenya using wearable proximity sensors**

Wellcome Open Research, 2019, vol.4, pp.84

TRENTINI F., POLETTI P., BALDACCHINO F., DRAGO A., MONTARSI F., CAPELLI G., RIZZOLI A., ROSÀ R., RIZZO C., MERLER S., MELEGARO A.

**The containment of potential outbreaks triggered by imported Chikungunya cases in Italy: a cost utility epidemiological assessment of vector control measures**

Scientific Reports, 2018, vol.8, no. 1

MELEGARO A., MARZIANO V., DEL FAVA E., POLETTI P., TIRANI M., RIZZO C., MERLER S.

**The impact of demographic changes, exogenous boosting and new vaccination policies on varicella and herpes zoster in Italy: a modelling and cost-effectiveness study**

BMC Medicine, 2018, vol.16, no. 1

WILLIAMS J. R., MANFREDI P., MELEGARO A.

**The potential impact of the demographic transition in the Senegal-Gambia region of sub-Saharan Africa on the burden of infectious disease and its potential synergies with control programmes: the case of hepatitis B**

BMC Medicine, 2018, vol.16, no. 1

DEL FAVA E., IORIATTI C., MELEGARO A.

**Cost-benefit analysis of controlling the spotted wing drosophila ( (Matsumura)) spread and infestation of soft fruits in Trentino, Northern Italy**

Pest Management Science, 2017, vol.73, no. 11, pp.2318–2327

TRENTINI F., POLETTI P., MERLER S., MELEGARO A.

**Measles immunity gaps and the progress towards elimination: a multi-country modelling analysis**

The Lancet Infectious Diseases, 2017, vol.17, no. 10, pp.1089–1097

GUZZETTA G., TRENTINI F., POLETTI P., BALDACCHINO F. A., MONTARSI F., CAPELLI G., RIZZOLI A., ROSÀ R., MERLER S., MELEGARO A.

**Effectiveness and economic assessment of routine larviciding for prevention of chikungunya and dengue in temperate urban settings in Europe**

PLOS Neglected Tropical Diseases, 2017, vol.11, no. 9, pp.e0005918

MELEGARO A., DEL FAVA E., POLETTI P., MERLER S., NYAMUKAPA C., WILLIAMS J., GREGSON S., MANFREDI P., NISHIURA H.

**Social Contact Structures and Time Use Patterns in the Manicaland Province of Zimbabwe**

Plos One, 2017, vol.12, no. 1, pp.e0170459

XIAO X., VAN HOEK A. J., KENWARD M. G., MELEGARO A., JIT M.

**Clustering of contacts relevant to the spread of infectious disease**

Epidemics, 2016, vol.17, pp.1–9

DEL FAVA E., PICCARRETA R., GREGSON S., MELEGARO A., ANGLEWICZ P.

**Transition to Parenthood and HIV Infection in Rural Zimbabwe**

Plos One, 2016, vol.11, no. 9

POLETTI P., MERLER S., AJELLI M., MANFREDI P., MUNYWOKI P. K., NOKES D. J., MELEGARO A.

**Evaluating vaccination strategies for reducing infant respiratory syncytial virus infection in low-income settings**

BMC Medicine, 2015, vol.13, no. 1

SANTERMANS E., GOEYVAERTS N., MELEGARO A., EDMUNDS W., FAES C., AERTS M., BEUTELS P., HENS N.

**The social contact hypothesis under the assumption of endemic equilibrium: Elucidating the transmission potential of VZV in Europe**

Epidemics, 2015, vol.11, pp.14-23

AJELLI M., POLETTI P., MELEGARO A., MERLER S.

**The role of different social contexts in shaping influenza transmission during the 2009 pandemic**

Scientific Reports, 2015, vol.4, no. 1

GONZÁLEZ-LORENZO M., PIATTI A., COPPOLA L., GRAMEGNA M., DEMICHELI V., MELEGARO A., TIRANI M., PARMELLI E., AUXILIA F., MOJA L.

**Conceptual frameworks and key dimensions to support coverage decisions for vaccines**

Vaccine, 2015, vol.33, no. 9, pp.1206-1217

TIRANI M., MEREGAGLIA M., MELEGARO A.

**Health and Economic Outcomes of Introducing the New MenB Vaccine (Bexsero) into the Italian Routine Infant Immunisation Programme**

Plos One, 2015, vol.10, no. 4, pp.e0123383

DE CAO E., MELEGARO A., KLOK R., POSTMA M.

**Optimising Assessments of the Epidemiological Impact in the Netherlands of Paediatric Immunisation with 13-Valent Pneumococcal Conjugate Vaccine Using Dynamic Transmission Modelling**

Plos One, 2014, vol.9, no. 4, pp.e89415

DE CAO E., ZAGHENI E., MANFREDI P., MELEGARO A.

**The relative importance of frequency of contacts and duration of exposure for the spread of directly transmitted infections**

Biostatistics, 2014, vol.15, no. 3, pp.470-483

AJELLI M., POLETTI P., MELEGARO A., MERLER S.

**The role of different social contexts in shaping influenza transmission during the 2009 pandemic**

Scientific Reports, 2014, vol.4, no. 1

COMPAGNI A., MELEGARO A., TARRICONE R.

**Genetic Screening for the Predisposition to Venous Thromboembolism: A Cost-Utility Analysis of Clinical Practice in the Italian HealthCare System**

Value in Health, 2013, vol.16, no. 6, pp.909-921

POLETTI P., MELEGARO A., AJELLI M., DEL FAVA E., GUZZETTA G., FAUSTINI L., SCALIA TOMBA G., LOPALCO P., RIZZO C., MERLER S., MANFREDI P.

**Perspectives on the Impact of Varicella Immunization on Herpes Zoster. A Model-Based Evaluation from Three European Countries**

Plos One, 2013, vol.8, no. 4, pp.e60732

VAN HOEK A. J., MELEGARO A., GAY N., BILCKE J., EDMUNDS W. J.

**The cost-effectiveness of varicella and combined varicella and herpes zoster vaccination programmes in the United Kingdom**

Vaccine, 2012, vol.30, no. 6, pp.1225-1234

COMPAGNI A., MELEGARO A., TARRICONE R.

**Systematic review of the economic literature on genetic testing for the prevention of venous thromboembolism**

Epidemiology, Biostatistics, and Public Health – EBPH (formerly Italian Journal of Public Health), 2012, vol.9, no. 2, suppl 1, pp.36-45

CHAIYAKUNAPRUK N., SOMKRUA R., HUTUBESSY R., HENAO A. M., HOMBACH J., MELEGARO A., EDMUNDS J. W., BEUTELS P.

**Cost effectiveness of pediatric pneumococcal conjugate vaccines: a comparative assessment of decision-**

## making tools

BMC Medicine, 2011, vol.9, no. 1

MELEGARO A., JIT M., GAY N., ZAGHENI E., EDMUNDS W. J.

### **What types of contacts are important for the spread of infections? Using contact survey data to explore European mixing patterns**

Epidemics, 2011, vol.3, no. 3-4, pp.143-151

CHOI Y. H., JIT M., GAY N., ANDREWS N., WAIGHT P. A., MELEGARO A., GEORGE R., MILLER E.

### **7-Valent Pneumococcal Conjugate Vaccination in England and Wales: Is It Still Beneficial Despite High Levels of Serotype Replacement?**

Plos One, 2011, vol.6, no. 10, pp.e26190

VAN HOEK A. J., MELEGARO A., ZAGHENI E., EDMUNDS W. J., GAY N.

### **Modelling the impact of a combined varicella and zoster vaccination programme on the epidemiology of varicella zoster virus in England**

Vaccine, 2011, vol.29, no. 13, pp.2411-2420

HOUSE T., BAGUELIN M., VAN HOEK A. J., WHITE P. J., SADIQUE Z., EAMES K., READ J. M., HENS N., MELEGARO A., EDMUNDS W. J., KEELING M. J.

### **Modelling the impact of local reactive school closures on critical care provision during an influenza pandemic**

Proceedings of the Royal Society B: Biological Sciences, 2011, vol.278, no. 1719, pp.2753-2760

MELEGARO A., CHOI Y. H., GEORGE R., EDMUNDS W. J., MILLER E., GAY N. J.

### **Dynamic models of pneumococcal carriage and the impact of the Heptavalent Pneumococcal Conjugate Vaccine on invasive pneumococcal disease**

BMC Infectious Diseases, 2010, vol.10, no. 1

VAN HOEK A., GAY N., MELEGARO A., OPSTELTEN W., EDMUNDS W.

### **Estimating the cost-effectiveness of vaccination against herpes zoster in England and Wales**

Vaccine, 2009, vol.27, no. 9, pp.1454-1467

ZAGHENI E., BILLARI F. C., MANFREDI P., MELEGARO A., MOSSONG J., EDMUNDS W. J.

### **Using Time-Use Data to Parameterize Models for the Spread of Close-Contact Infectious Diseases**

American Journal of Epidemiology, 2008, vol.168, no. 9, pp.1082-1090

PITMAN R., MELEGARO A., GELB D., SIDDIQUI M., GAY N., EDMUNDS W.

### **Assessing the burden of influenza and other respiratory infections in England and Wales**

Journal of Infection, 2007, vol.54, no. 6, pp.530-538

MELEGARO A., CHOI Y., PEBODY R., GAY N.

### **Pneumococcal Carriage in United Kingdom Families: Estimating Serotype-specific Transmission Parameters from Longitudinal Data**

American Journal of Epidemiology, 2007, vol.166, no. 2, pp.228-235

MELEGARO A., EDMUNDS W., PEBODY R., MILLER E., GEORGE R.

### **The current burden of pneumococcal disease in England and Wales**

Journal of Infection, 2006, vol.52, no. 1, pp.37-48

HUSSAIN M., MELEGARO A., PEBODY R. G., GEORGE R., EDMUNDS W. J., TALUKDAR R., MARTIN S. A., EFSTRATIOU A., MILLER E.

### **A longitudinal household study of nasopharyngeal carriage in a UK setting**

Epidemiology and Infection, 2005, vol.133, no. 5, pp.891-898

GOLDBLATT D., HUSSAIN M., ANDREWS N., ASHTON L., VIRTA C., MELEGARO A., PEBODY R., GEORGE R., SOININEN A., EDMUNDS J., GAY N., KAYHTY H., MILLER E.

### **Antibody Responses to Nasopharyngeal Carriage of in Adults: A Longitudinal Household Study**

The Journal of Infectious Diseases, 2005, vol.192, no. 3, pp.387-393

MELEGARO A., EDMUNDS W.

**Cost-effectiveness analysis of pneumococcal conjugate vaccination in England and Wales**

Vaccine, 2004, vol.22, no. 31-32, pp.4203-4214

MELEGARO A., EDMUNDS W. J.

**The 23-Valent Pneumococcal Polysaccharide Vaccine. Part I. Efficacy of PPV in the Elderly: A Comparison of Meta-Analyses**

European Journal of Epidemiology, 2004, vol.19, no. 4, pp.353-363

MELEGARO A., EDMUNDS W. J.

**The 23-Valent Pneumococcal Polysaccharide Vaccine. Part II. A Cost-Effectiveness Analysis for Invasive Disease in the Elderly in England and Wales**

European Journal of Epidemiology, 2004, vol.19, no. 4, pp.365-375

MELEGARO A., GAY N. J., MEDLEY G. F.

**Estimating the transmission parameters of pneumococcal carriage in households**

Epidemiology and Infection, 2004, vol.132, no. 3, pp.433-441

BALMER P., NORTH J., BAXTER D., STANFORD E., MELEGARO A., KACZMARSKI E. B., MILLER E., BORROW R.

**Measurement and interpretation of pneumococcal IgG levels for clinical management**

Clinical and Experimental Immunology, 2003, vol.133, no. 3, pp.364-369

EDMUNDS W. J., BRISSON M., MELEGARO A., GAY N. J.

**The potential cost-effectiveness of acellular pertussis booster vaccination in England and Wales**

Vaccine, 2002, vol.20, no. 9-10, pp.1316-1330

---

## RESEARCH MONOGRAPHS

ALFANI G., MELEGARO A.

**Pandemie d'Italia. Dalla peste nera all'influenza suina: l'impatto sulla società**

Egea, Milano, Italy, 2010

---

## COMMENTS, DISCUSSIONS, REPLIES IN JOURNAL

CHIAVENNA C., LEONE L. P., MELEGARO A., ROTESI T., BOKEMPER S. E., PAINTSIL E. E., MALIK A. A., HUBER G. A., OMER S. B., CUCCINIELLO M., PIN P.

**Personal risk or societal benefit? Investigating adults' support for COVID-19 childhood vaccination**

2023, Vaccine

MELEGARO A.

**Measles vaccination: no time to rest**

2019, The Lancet Global Health

---

## OTHER

CUCCINIELLO M., MELEGARO A.

**Come convincere i no-vax a vaccinarsi**

2024, Eco, Italy

## PROCEEDINGS/PRESENTATIONS

CHIAVENNA C., LUCCHINI L., LEONE L. P., CUCCINIELLO M., MELEGARO A.

**The Role of Peer Influence in Shaping Individual Vaccine Attitudes**

*Population Association of America 2024 Annual Meeting, April 17–20, 2024, Columbus OH, United States of America*

CHIAVENNA C., TRENTINI F., ERCOLANONI M., PREZIOSI G., CEREDA D., BORRIELLO C. R., MELEGARO A.

**Unraveling Timing and Determinants of Childhood Vaccination: The Italian Case**

*Population Association of America 2024 Annual Meeting, April 17–20, 2024, Columbus OH, United States of America*

CIANI O., TRENTINI F., VANNI E., GHISLANDI S., TORBICA A., MELEGARO A.

**Impact of the SARS-CoV-2 Pandemic on Hospital Costs: Evidence from Three Cohorts of Patients Hospitalized in Milan Area Before and During the Pandemic**

*IHEA's 15th World Congress, July 8-12, 2023, Cape Town, South Africa*

TRENTINI F., MANNA A., BALBO N., POLETTI P., MELEGARO A.

**Changes in Contact Patterns Associated to Increasing Restrictions and the Impact on COVID-19 Transmissibility: A Case Study in the Metropolitan City of Milan**

*Population Association of America 2022 Annual Meeting, April 6 – 9, 2022, Atlanta GA, United States of America*

MELEGARO A.

**The role of demographic structure and social contact patterns in an uncontrolled SARS - CoV - 2 pandemic**

*Conference of Complex System (CCS) - October 25-29 2021, Lyon, France*

DEL FAVA E., MANFREDI P., MELEGARO A.

**Heterogeneities in Social Mixing Patterns in Rural and Urban Areas of Kenya**

*Population American Association (PAA) Annual Meeting, May 5-8, 2021, (online)*

MANNA A., MELEGARO A., TOFFOLUTTI V.

**The Effects of Compulsory Vaccination Law and COVID - 19 on Vaccine Hesitancy: Analyzing Digital Traces From Italy**

*Population American Association (PAA) Annual Meeting, May 5-8, 2021, (online)*

BILLARI F. C., BALBO N., MELEGARO A.

**The role of demographic structure and social contact patterns in an uncontrolled SARS - CoV - 2 pandemic**

*Population American Association (PAA) Annual Meeting, May 5-8, 2021, (online)*

MELEGARO A.

**Mathematical models to understand SARS - CoV - 2 transmission**

*CIVICA Public Lecture Series Tours d'Europe: 'Data Analytics and the Battle Against the Pandemic' - March 18 2021, Milano, Italy*

MELEGARO A.

**A dynamic cost - effectiveness analysis of varicella and herpes zoster vaccination programs in Italy**

*6th EPIDEMICS Conference, 29 November-1 December, 2017, Sitges, Spain*

MELEGARO A.

**Individual mixing patterns relevant for infectious diseases transmission in different social contexts in Sub - Saharan Africa**

*6th EPIDEMICS Conference, 29 November-1 December, 2017, Sitges, Spain*



MELEGARO A.

**Individual mixing patterns relevant for infectious diseases transmission in different social contexts in Sub-Saharan Africa**

*IUSSP Conference - 29 October-3 November, 2017, Cape Town, South Africa*

MELEGARO A.

**A dynamic cost - effectiveness analysis of varicella and herpes zoster vaccination programs in Italy**

*iHEA Conference , July 8-11, 2017, Boston, MA, United States of America*

MELEGARO A.

**Measles immunity gaps and the progress towards elimination: a multi - country modelling analysis**

*Population American Association (PAA) Annual Meeting, April 27-29, 2017, Chicago, IL, United States of America*

MELEGARO A.

**Local demographic conditions and the progress towards measles elimination**

*Conference on Complex System, Contagion Satellite Session, September 20, 2016, Amsterdam, Netherlands (The)*

MELEGARO A.

**Local demographic conditions and progress towards measles elimination**

*5th EPIDEMICS Conference, December 1-4, 2015, Clearwater Beach, FL, United States of America*

MELEGARO A.

**RSV transmission patterns in Kenya: a tool for public policy and vaccinology**

*European Conference on Complex Systems, September 22-26, 2014, Lucca, Italy*

MELEGARO A.

**Investigating Social Contact Structures and Time Use in Zimbabwe**

*International Biometrics Conference, July 6-11, 2014, Firenze, Italy*

MELEGARO A.

**The Impact of Current Demographic Trends on Childhood Infectious Diseases**

*Population Association of America (PAA) Annual Meeting, April 11-13, 2013, New Orleans, LA, United States of America*

MELEGARO A.

**Modelling varicella and zoster in Europe: can we cope with the current decision paralysis on mass immunization?**

*3rd EPIDEMICS Conference, 29 November-2 December, 2011, Boston, MA, United States of America*

COMPAGNI A., MELEGARO A., TARRICONE R., VILLARI P., DI MARIA E., RICCIARDI G.

**A Real World Cost-Effectiveness Analysis of the Genetic Screening for Predisposition to Venous Thromboembolism (VTE) in the Italian Context**

*8th International Congress on Health Economics - July 9-13 2011, Toronto, Canada*

MELEGARO A.

**The role of social contacts on children's health: Statistical inference on infectious disease data**

*Population Association of America (PAA) Conference, 31 March-2 April, 2011, Washington, WA, United States of America*

---

## RESEARCH NOTES OR SHORT ARTICLES IN JOURNALS

MCKEE M., RICCIARDI W., SICILIANI L., RECHEL B., TOFFOLUTTI V., STUCKLER D., MELEGARO A., SEMENZA J. C.

**Increasing vaccine uptake: confronting misinformation and disinformation**

2018, Eurohealth

MEREGAGLIA M., FERRARA L., MELEGARO A., DEMICHELI V.

**Parent “cocoon” immunization to prevent pertussis-related hospitalization in infants: The case of Piemonte in Italy**

2013, Vaccine

---