



## 5.1.4 Epidemiology, Public Health And Primary Care Area

# Evaluation of Public Health Policies and Programmes

## Group leader

Continente García, Xavier (ASPB)

## Researchers

Barbaglia Navarro, Maria Gabriela (ASPB)  
 Bartroli Checa, Montse (ASPB)  
 Calderon Delgado, Josep (ASPB)  
 Cortés Francisco, Nuria (ASPB)  
 Ferrer Fons, Maria (ASPB)  
 García Altes, Anna (AQuAS)  
 López Medina, María Jose (ASPB)  
 Perez Gimenez, Anna (ASPB)  
 Planell Cerezo, Raquel (ASPB)  
 Puigpinos Riera, Rosa (ASPB)  
 Sabate Camps, Sara (ASPB)  
 Sánchez Martinez, Francesca (ASPB)  
 Serral Cano, Gemma (ASPB)

## Research Technicians

Henderson Mercader, Elisabet-Mae (IR)  
 Leon Pujades, Gabriel (ASPB)



## DESCRIPTION

The main objective of our group is to advance in the research related to the evaluation of policies, programs, and other interventions in public health. We promote high-quality research, internationalization, and knowledge transfer to the scientific community, and citizens. We generate evidence on the effectiveness and impact of public policies, plans, or interventions (tobacco control law, mental health plan, urbanistic interventions) that may affect population health. We promote the development and application of innovative methodologies to evaluation with an equity and gender perspective.

## MAIN LINES OF RESEARCH

- Monitoring of behaviors and other health risk factors such as environmental exposure (FRESC survey and monitorization of second-hand smoke).
- Evaluation of public health policies and Action Plans (Tobacco control Law, Barcelona mental health action plan, housing with services, and transformation of schoolyards in Barcelona).
- Evaluation of public health programs and services (school-based prevention programmes, community-based interventions, breast cancer screening programs).

## SCIENTIFIC CHALLENGES

- To promote research into the evaluation of policies and programs.
- To support the debate on conceptual and methodological aspects of the impact evaluation of interventions on population health.
- To consolidate the group's research, foste-



### 5.1.4 Epidemiology, Public Health And Primary Care Area

ring less developed aspects such as economic evaluation and evaluation of health protection interventions.

- To develop a theoretical corpus of concepts, principles, methods, and examples that contribute to filling the gap in undergraduate and postgraduate teaching regarding the design and evaluation of public policies, plans, and other interventions.
- To promote impact evaluation of policies, plans, and other interventions with an equity and gender perspective.

### ACTIVE GRANTS

- López Medina, María Jose. Desigualtats socials en salut en la població infantil a Catalunya. DI-61 AGAUR. Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR). Duration: 2019-2023. 33.960,31 €.

### DOCTORAL THESES DEFENDED

- Bartroli Checa, Montse. Disseny i avaliació d'un programa escolar d'educació emocional per a infants de 3 a 5 anys. 28/03/2023. Universitat Pompeu Fabra. Supervisors: Espelt Hernández, Albert; Bosque Prous, Marina. <http://hdl.handle.net/10803/688066>.

### SCIENTIFIC PRODUCTION

- Amalia B, Fu M, Tigova O, Ballbè M, Paniello B, Castellano Y, Vyzikidou VK, O'Donnell R, Dobson R, Lugo A, Veronese C, Pérez R, Pascual JA, Cortés N, Gil F, Olmedo P, Soriano JB, Boffi R, Ruprecht A, Ancochea J, López MJ, Gallus S, Vardavas C, Semple S, Fernández E, the TackSHS Project I. Exposure to secondhand aerosol from electronic cigarettes at homes: A real-life study in four European countries. SCIENCE OF THE TOTAL ENVIRONMENT. 2023; 854:158668. DOI:10.1016/j.scitotenv.2022.158668. PMID:36099951. IF:9,800 (Q1/1D). Document type: Article.
- Arroyo P, Forcadell L, Abiétar DG, Juarez O, Sánchez F, López MJ, Vives C, Barbero BS, Pérez V, Albaladejo N, Perez G. Risk Factors For Cyberbullying Among Secondary Students in Urban Settings in Spain: A Cross-Sectional Study. Journal Of Technology In Behavioral Science. 2023. DOI:10.1007/s41347-023-00349-8. Document type: Article.
- Bach P, Corominas L, Grau M, Alsedà M, Álvarez J, Barrabeig I, Belver AI, Camps N, Minguell S, Carol M, Godoy P, Izquierdo C, Jané M, Martínez A, Parrón I, Pérez C, Rovira A, Sabaté M, Sala MR, Torner N, Vileu RM, de Andrés A, de Benito J, Camprubí E, Cunillé M, Forns ML, Moreno A, Razquín E, Rius C, Sabaté S, de Simón M, Rodríguez V, Bartolomé R, Cornejo T, Guix S, Coronas L, Domínguez À, Soldevila N. Two successive outbreaks of acute gastroenteritis due to norovirus GII.6 in a holiday camp house. Scientific Reports. 2023; 13(1):15558. DOI:10.1038/s41598-023-42622-z. PMID:37730810. IF:4,600 (Q2/4D). Document type: Article.
- Bartroli M, Clotas C, Bosque M, Espelt A. Short report: Effectiveness of a universal preschool-based program for emotional education in 3-to 5-year-old children with autism spectrum conditions. AUTISM. 2023; :13623613231217058. DOI:10.1177/13623613231217058. PMID:38084746. IF:5,200 (Q1/2D). Document type: Article.
- Borrell C, Palència L, Marí M, Bartoll X, Gotsens M, Pasarín MI, Artazcoz L, Rodríguez M, López MJ, Pérez K. A City Surveillance System for Social Health Inequalities: The Case of Barcelona. International Journal of Environmental Research and Public Health. 2023; 20(4):3536. DOI:10.3390/ijerph20043536. PMID:36834231. IF:4,614 (Q1/3D). Document type: Article.
- Bosque L, Carrilero N, García A, López G, Siciliani L. Socioeconomic inequalities in waiting times for planned and cancer surgery: Evidence from Spain. HEALTH ECONOMICS. 2023; 32(5) DOI:10.1002/hec.4661. PMID:36772982. IF:2,100 (Q3/6D). Document type: Article.
- Canto MV, Guxens M, García A, López MJ, Marí M, García J, Ramis R. Air Pollution and Birth Outcomes: Health Impact and Economic Value Assessment in Spain. International Journal of Environmental Research and Public Health. 2023; 20(3):2290. DOI:10.3390/ijerph20032290. PMID:36767658. IF:4,614 (Q1/3D). Document type: Article.
- Carrilero N, Pérez V, Guilabert M, García A. Gender bias in pediatric care: Health professionals' opinions and perceptions. Health Science Re-



#### 5.1.4 Epidemiology, Public Health And Primary Care Area

- ports. 2023; 6(10):e1615. DOI:10.1002/hsr2.1615. PMID:37885465. Document type: Article.
- Cogollos R, Alvarez A, Domínguez F, Espelt A, Fuentes L, Puigpinós R. Social inequalities in the use of physiotherapy in women diagnosed with breast cancer in Barcelona: DAMA cohort. BREAST CANCER RESEARCH AND TREATMENT. 2023; DOI:10.1007/s10549-023-07191-9. PMID:38155271. IF:3,800 (Q2/5D). Document type: Article.
  - Continente X, Henderson E, López L, Fernández E, Tigova O, Semple S, O'Donnell R, Navas A, Cortés N, Ramírez N, Dobson R, López MJ, Castellano Y, Fu M, Ballbè M, Amalia B, Arechavala T, Gallus S, Lugo A, Liu X, Borroni E, Stival C, Colombo P, Clancy L, Keegan S, Byrne H, Behrakis P, Tzortzi A, Vardavas C, Vyzikidou VK, Bakelas G, Mattiampa G, Boffi R, Ruprecht A, De Marco C, Borgini A, Veronese C, Bertoldi M, Tittarelli A, Gorini G, Carreras G, Cortini B, Verdi S, Lachi A, Chellini E, López Á, Trapero M, Celadrán D, Radu C, Nguyen D, Starchenko P, Soriano JB, Ancochea J, Alonso T, Pastor MT, Erro M, Roca A, Pérez P, Castillo EG, TackSHS I. Exposure to secondhand and thirdhand smoke in private vehicles: Measurements in air and dust samples. ENVIRONMENTAL RESEARCH. 2023; 235:116681. DOI:10.1016/j.envres.2023.116681. PMID:37474087. IF:8,300 (Q1/1D). Document type: Article.
  - Cornejo T, Soldevila N, Coronas L, Alseda M, Godoy P, Razquín E, Sabaté S, Guix S, Rodríguez V, Bartolomé R, Domínguez A, Álvarez J, Belver AI, Camps N, Mingueu S, Carol M, Izquierdo C, Parrón I, Pérez C, Rovira A, Sabaté M, Sala MR, Vileu RM, Barrabeig I, Jané M, Martínez A, Torner N, de Benito J, Moreno A, Rius C, de Andrés A, Camprubí E, Cunillé M, Forns ML, de Simón M, the Working Group for the Study of Outbreaks of Acute Gastroenteritis in C. Epidemiology of GII.4 and GII.2 norovirus outbreaks in closed and semi-closed institutions in 2017 and 2018. Scientific Reports. 2023; 13(1):1659. DOI:10.1038/s41598-023-28448-9. PMID:36717621. IF:4,600 (Q2/4D). Document type: Article.
  - Forcadell L, Martinez OJ, Abiétar DG, López MJ, Sánchez F, Perez G. Healthy and Equitable Interpersonal Relationships, Health Inequalities and Socio-Educational Interventions: A Conceptual Framework for Action. JOURNAL OF SCHOOL HEALTH. 2023; 93(6)DOI:10.1111/josh.13318. PMID:36917972. IF:2,200 (Q3/6D). Document type: Article.
  - Gallus S, Lugo A, Stival C, Cerrai S, Clancy L, Filippidis FT, Gorini G, López MJ, López Á, Molinaro S, Odore A, Soriano JB, Tigova O, van den Brandt PA, Vardavas CI, Fernández E, the TackSHS Project I. Electronic Cigarette Use in 12 European Countries: Results From the TackSHS Survey. JOURNAL OF EPIDEMIOLOGY. 2023; 33(6) DOI:10.2188/jea.JE20210329. PMID:34776500. IF:4,700 (Q2/3D). Document type: Article.
  - Gonzalez H, Vives J, Bosque M, Folch C, Drou G, Muntaner C, Vives C, Barbaglia MG, Colom J, Espelt A. Gender inequalities in the prevalence of low mood and related factors in schooled adolescents during the 2019-2020 school year: DESK-cohort project. JOURNAL OF AFFECTIVE DISORDERS. 2023; 333DOI:10.1016/j.jad.2023.04.058. PMID:37084966. IF:6,600 (Q1/2D). Document type: Article.
  - Henderson E, Rodríguez LA, Continente X, Fernández E, Tigova O, Cortés N, Semple S, Dobson R, Tzortzi A, Gorini G, Geshanova G, Mons U, Przewozniak K, Precioso J, Brad R, Castellano Y, Fu M, Ballbè M, Amalia B, López MJ, Arechavala T, Gallus S, Lugo A, Liu X, Borroni E, Colombo P, O'Donnell R, Clancy L, Keegan S, Byrne H, Behrakis P, Vardavas C, Vyzikidou VK, Bakelas G, Mattiampa G, Boffi R, Ruprecht A, De Marco C, Borgini A, Veronese C, Bertoldi M, Tittarelli A, Carreras G, Cortini B, Verdi S, Lachi A, Chellini E, Nicolás ÁL, Trapero M, Guerrero DC, Radu C, Nguyen D, Starchenko P, Soriano JB, Ancochea J, Alonso T, Pastor MT, Erro M, Roca A, Pérez P, Castillo EG, the TackSHS project I. Measurement of airborne nicotine, as a marker of secondhand smoke exposure, in homes with residents who smoke in 9 European countries. ENVIRONMENTAL RESEARCH. 2023; 219:115118. DOI:10.1016/j.envres.2022.115118. PMID:36566961. IF:8,300 (Q1/1D). Document type: Article.
  - Jufresa E, Carrilero N, García A. The influence of general practitioner and patient sex on the treatment of major depression. Frontiers in Pharmacology. 2023; 14:1274774. DOI:10.3389/



#### 5.1.4 Epidemiology, Public Health And Primary Care Area

- fphar.2023.1274774. PMID:38027028. IF:5,600 (Q1/2D). Document type: Article.
- Keogan S, Alonso T, Sunday S, Hanafin J, Tigova O, Fernández E, López MJ, Gallus S, Semple S, Tzortzi A, Boffi R, Gorini G, López A, Arvind DK, Radu C, Soriano JB, Clancy L. Particle Exposure Hazards of Visiting Outdoor Smoking Areas for Patients with Asthma or COPD Even in EU Countries with Comprehensive Smokefree Laws. *International Journal of Environmental Research and Public Health*. 2023; 20(11):5978. DOI:10.3390/ijerph20115978. PMID:37297582. IF:4,614 (Q1/3D). Document type: Article.
  - Londono C, Serral G, Díez J, Martínez A, Franco M, Artazcoz L, Ariza C. Retail Food Environment around Schools in Barcelona by Neighborhood Socioeconomic Status: Implications for Local Food Policy. *International Journal of Environmental Research and Public Health*. 2023; 20(1):649. DOI:10.3390/ijerph20010649. PMID:36612971. IF:4,614 (Q1/3D). Document type: Article.
  - Madrona R, Sanz B, Perez V, Abietar DG, Sánchez F, Forcadell L, Perez G, Vives C. Sexism and intimate partner violence in adolescents. *Gaceta Sanitaria*. 2023; 37:2221. DOI:10.1016/j.gaceta.2022.02.0070213-9111. PMID:36113323. IF:1,900 (Q3/8D). Document type: Article.
  - Maynou L, Street A, García A. Living longer in declining health: Factors driving healthcare costs among older people. *SOCIAL SCIENCE & MEDICINE*. 2023; 327:115955. DOI:10.1016/j.socscimed.2023.115955. PMID:37196394. IF:5,400 (Q1/1D). Document type: Article.
  - Olivella M, García X, Checa MB, Cano GS, Albaracin GP. The problematic use of the mobile phone: cross-sectional analysis of the individual profile and associated factors. *Revista Española de Salud Pública*. 2023; 97:e202305036. IF:1,100 (Q4/10D). Document type: Article.
  - Pérez G, Bartroli M, Pasarín MI, Artazcoz L, Juárez O. Strategy for the promotion of equitable and healthy relationships in educational centers in Barcelona. *Gaceta Sanitaria*. 2023; 37:102286. DOI:10.1016/j.gaceta.2022.102286. PMID:36645958. IF:1,900 (Q3/8D). Document type: Article.
  - Pérez K, Santamariña E, Ferrando J, López MJ, Badiella L. Effectiveness of a Road Traffic Injury Prevention Intervention in Reducing Pedestrian Injuries, Barcelona, Spain, 2002-2019. *AMERICAN JOURNAL OF PUBLIC HEALTH*. 2023; 113(5): DOI:10.2105/AJPH.2022.307216. PMID:36821808. IF:12,700 (Q1/1D). Document type: Article.
  - Perez M, López DC, Guerra C, Rey J, Varela L, Santiago MI, Candal C, Montes A, López MJ, Dalmau R, Provencio M, Fernández E, Blanco A, Ruano A. Original Mortality Attributable to Environmental Tobacco Smoke Exposure in Spain in 2020. *ARCHIVOS DE BRONCONEUMOLOGIA*. 2023; 59(5): DOI:10.1016/j.arbres.2023.02.017. PMID:36967344. IF:8,000 (Q1/2D). Document type: Article.
  - Prieto R, Millet JP, Palma D, Barbaglia MG, Gibert CR, Barcelona CAS Working G. Latent Tuberculosis Infection in Users of Drug Dependence Care and Follow-up Centers in Barcelona in 2017–2021: A Cross-sectional Descriptive Study. *Open Respiratory Archives*. 2023; 5(3):100257. DOI:10.1016/j.opresp.2023.100257. PMID:37599795. Document type: Article.
  - Ramos P, Font M, Juárez O, Sánchez F, Manera M, Blanquer M. ¿Influyen los determinantes socioeconómicos en la oferta de los menús escolares?. *Nutricion Hospitalaria*. 2023; 40(4): DOI:10.20960/nh.04529. PMID:37409719. IF:1,200 (Q4/9D). Document type: Article.
  - San Pio MJ, Clotas C, Espelt A, López MJ, Bosque M, Juarez O, Bartroli M. Effectiveness of a preschool emotional education program administered over 3 grades: a cluster randomized controlled trial. *PUBLIC HEALTH*. 2023; 218: DOI:10.1016/j.puhe.2023.01.011. PMID:36965464. IF:5,200 (Q1/2D). Document type: Article.
  - Sánchez N, Barbaglia MG, Olivella M, Marcos NG, Gotsens M, Albaina AG, Rius C, Bartroli M, Pérez G. Community outbreak of COVID-19 among people who use drugs attending a harm reduction centre in Barcelona, Spain. *Harm Reduction Journal*. 2023; 20(1):74. DOI:10.1186/s12954-023-00804-y. PMID:37316829. IF:4,400 (Q1/2D). Document type: Article.
  - Sancho O, Clotas C, Bartroli M. Marco conceptual del juego de apuestas y sus daños asociados. *Revista Española de Salud Pública*. 2023; 97:e202312107. IF:1,100 (Q4/10D). Document type: Article.



#### 5.1.4 Epidemiology, Public Health And Primary Care Area

- Valmayor S, González K, López MJ, Lacera P, Giménez P, Rumín A, Pasarín MI, Henderson E, Díez E. Evaluation of a smoke-free beaches intervention in Barcelona: a quasi-experimental study. TOBACCO CONTROL. 2023; :tc-2022-057873. DOI:10.1136/tc-2022-057873. PMID:37402576. IF:5,200 (Q1/2D). Document type: Article.
- Vázquez N, Continente X, Bartroli M, Juárez O, Muñoz L, Sánchez F, Pérez A, Ariza C, Reptes I. Fidelity of implementation of Reptes, an alcohol and cannabis selective prevention program for youngsters. Gaceta Sanitaria. 2023; 37:102323. DOI:10.1016/j.gaceta.2023.102323. PMID:37598579. IF:1,900 (Q3/8D). Document type: Article.
- Wiessing L, Banka P, Barbaglia MG, Belackova V, Belbaisi S, Blanken P, Carrieri P, Comiskey C, Dacosta D, Dom G, Fabricius V, Faria H, Ignjatova L, Inic N, Jacobsen B, Javakhishvili JD, Kamendy Z, Kapitany M, Kiss A, Kyriyanou E, Marchand K, Millar T, Mravcik V, Mustafa NJY, Nordt C, Partanen M, Pedersen MU, Putkonen H, Razmadze M, Roux P, Schulte B, Seabra P, Sordo L, Strada L, Subata E, Thoma E, Torrens M, Walley AY, Yiasemi I. Opioid Agonist Maintenance Treatment Outcomes-The OPTIMUS International Consensus Towards Evidence-Based and Patient-Centred Care, an Interim Report. International Journal of Mental Health and Addiction. 2023; DOI:10.1007/s11469-023-01213-9. IF:8,000 (Q1/1D). Document type: Article.
- Xavier C-B, Guille P, Gemma S, Esther S-L, Angel M-H, Asun P-B. Understanding the relationship between gender and mental health in adolescence: the Gender Adherence Index (GAI). EUROPEAN CHILD & ADOLESCENT PSYCHIATRY. 2023; DOI:10.1007/s00787-023-02150-7. PMID:36763181. IF:6,400 (Q1/1D). Document type: Article.