

CV Date	16/03/2024
---------	------------

## Part A. PERSONAL INFORMATION

First Name *	Blanca		
Family Name *	Lumbreras Lacarra		
Sex *		Date of Birth *	
ID number Social Security, Passport *		Phone Number *	
URL Web			
Email Address			
Researcher's identification number	Open Researcher and Contributor ID (ORCID) *	0000-0003-1665-0860	
	Researcher ID		
	Scopus Author ID		

\* Mandatory

### A.1. Current position

Job Title	Catedrática de Medicina Preventiva y Salud Pública		
Starting date	2018		
Institution	Facultad de Medicina. Universidad Miguel Hernandez		
Department / Centre			
Country		Phone Number	
Keywords	321200 - Public health		

### A.2. Previous positions

Period	Job Title / Name of Employer / Country
2012 - 2018	Profesora titular en Medicina Preventiva y Salud Pública / Universidad Miguel Hernández de Elche
2011 - 2016	Adjunto al Coordinador del Área de Medicina Clínica y Epidemiología / Agencia Nacional de Evaluación y Prospectiva
2009 - 2012	Profesora Contratada Doctor / Universidad Miguel Hernández de Elche
2006 - 2009	Profesora ayudante doctor / Universidad Miguel Hernández de Elche
2004 - 2006	Contrato Río Hortega / Universidad Miguel Hernández de Elche
2004 - 2005	Profesora asociada / Universidad Miguel Hernández de Elche
2003 - 2005	Adjunto contratado en guardias médicas / Hospital General Universitario de Alicante
1999 - 2003	Farmacéutico Interno Residente / Hospital General Universitario de Alicante

### A.3. Education

Degree/Master/PhD	University / Country	Year
Master en Epidemiología Moderna	Imperial College of London, Londres	2006
Programa Oficial de Doctorado en Medicina Preventiva y Salud Pública	Universidad Miguel Hernández de Elche	2005
Licenciada en Farmacia	Universidad de Navarra	1998

## Part B. CV SUMMARY

Licenciada en Farmacia, Especialista en Análisis Clínicos (vía FIR), Doctora en Salud Pública y Máster en Epidemiología (Imperial College of London). Contrato Río Hortega.

Además de la calidad de la difusión de la investigación (más de 100 artículos científicos, la mayoría pertenecen a revistas del primer cuartil), desde el año 2005 he sido investigadora principal en 12 proyectos de investigación: 7 de convocatoria pública nacional (Fondo de Investigaciones Sanitarias, ISCIII). Asimismo, he participado como investigadora principal en 4 contratos de investigación. Como investigadora colaboradora he colaborado en 5 proyectos de investigación: 1 de la Comisión Europea, 2 de convocatoria pública nacional y 2 de convocatoria pública autonómica. Desde enero del año 2018 soy la Jefa del grupo 26 del CIBER de Salud Pública y Epidemiología. Desde el año 2014 me incorporé como miembro al equipo internacional del STARD Group (Essential Items for Reporting Diagnostic Accuracy Studies). He sido nombrada como una de las investigadoras más citadas del 2022 según Elsevier (entre el 2 % de los más citados del mundo).

En los últimos cinco años he dirigido 6 tesis doctorales, todas ellas con la máxima calificación Sobresaliente Cum Laude, habiendo recibido dos de ellas el Premio Extraordinario de Doctorado y la Mención Europea. Asimismo, he dirigido 18 trabajos fin de máster y 16 trabajos fin de grado. Durante los años 2008-2011 ocupé el puesto de Vicedecana de estudiantes y relaciones institucionales de la Facultad de Farmacia

## Part C. RELEVANT ACCOMPLISHMENTS

### C.1. Publications

AC: corresponding author. (nº x / nº y): position / total authors. If applicable, indicate the number of citations

- 1 Scientific paper.** Puig-Moltó M; (2/4) Lumbreras B (AC); Mendive JM; López-Pintor E. 2024. Impact of a pharmaceutical algorithm on patients with upper-gastrointestinal symptoms: A pre-post intervention study. *Preventive medicine*. 180, pp.107885. ISSN 0091-7435. <https://doi.org/10.1016/j.ypmed.2024.107885>
- 2 Scientific paper.** Brotons A; Mangas-Sanjuan C; Cubiella J; et al; QUALISCOPIA study investigators; (10/14) Lumbreras B. 2023. Colonoscopy Satisfaction and Safety Questionnaire based on patient experience (CSSQP): A valuable quality tool for all colonoscopies. *Gastroenterología y hepatología*. 47, pp.1-13. ISSN 0210-5705. <https://doi.org/10.1016/j.gastrohep.2023.02.003>
- 3 Scientific paper.** Torres M; Serra-Sutton V; Soriano JB; et al; Serrano-Blanco A; (7/15) Lumbreras B. 2023. Consensus on post COVID in the Spanish national health system: Results of the CIBERPOSTCOVID eDelphi study. *Journal of infection and public health*. 16, pp.1784-1792. ISSN 1876-0341. <https://doi.org/10.1016/j.jiph.2023.08.022>
- 4 Scientific paper.** Parker LA; Moreno-Garijo A; Chilet-Rosell E; Lorente F; (5/5) Lumbreras B (AC). 2023. Gender Differences in the Impact of Recommendations on Diagnostic Imaging Tests: A Retrospective Study 2007-2021. *Life (Basel, Switzerland)*. 13. ISSN 2075-1729. SCOPUS (46) <https://doi.org/10.3390/life13020289>
- 5 Scientific paper.** Puig-Moltó M; (2/3) Lumbreras B (AC); López-Pintor E. 2023. Prevalence and risk factors of upper gastrointestinal symptoms in community pharmacies in Spain: a cross-sectional study. *Frontiers in pharmacology*. 14, pp.1162370. ISSN 1663-9812. SCOPUS (41) <https://doi.org/10.3389/fphar.2023.1162370>
- 6 Scientific paper.** Talens A; López-Pintor E; Guilabert M; Cantó-Sancho N; Aznar MT; (6/6) Lumbreras B. 2023. Validation of a scale to assess adherence to oral chemotherapy based on the experiences of patients and healthcare professionals (EXPAD-ANEQ). *Frontiers in pharmacology*. 14, pp.1113898. ISSN 1663-9812. SCOPUS (43) <https://doi.org/10.3389/fphar.2023.1113898>
- 7 Scientific paper.** (1/8) Lumbreras B (AC); Parker LA; Caballero-Romeu JP; Gómez-Pérez L; Puig-García M; López-Garrigós M; García N; Hernández-Aguado I. 2023. Variables Associated with False-Positive PSA Results: A Cohort Study with Real-World Data. *Cancers*. 15. ISSN 2072-6694. SCOPUS (36) <https://doi.org/10.3390/cancers15010261>

- 8 **Scientific paper.** Almodóvar A; Ronda E; Flores R; (4/4) Lumbreras B (AC). 2022. Appropriateness of radiological diagnostic tests in otolaryngology. *Insights into imaging*. 13, pp.126. ISSN 1869-4101. SCOPUS (26) <https://doi.org/10.1186/s13244-022-01263-y>
- 9 **Scientific paper.** Cremades-Martínez P; Parker LA; Chilet-Rosell E; (4/4) Lumbreras B (AC). 2022. Evaluation of Diagnostic Strategies for Identifying SARS-CoV-2 Infection in Clinical Practice: a Systematic Review and Compliance with the Standards for Reporting Diagnostic Accuracy Studies Guideline (STARD). *Microbiology spectrum*. 10, pp.e0030022. SCOPUS (49) <https://doi.org/10.1128/spectrum.00300-22>
- 10 **Scientific paper.** Talens A; López-Pintor E; Bejerano M; Guilabert M; Aznar MT; Aznar-Lou I; (7/7) Lumbreras B. 2022. Influence of the COVID-19 Pandemic on Adherence to Orally Administered Antineoplastics. *Journal of clinical medicine*. 11. ISSN 2077-0383. SCOPUS (33) <https://doi.org/10.3390/jcm11092436>
- 11 **Scientific paper.** Parra-Grande M; Oré-Arce M; Martínez-Priego L; et al; Sánchez-Hellín V; (8/9) Lumbreras B. 2022. Profiling the Bladder Microbiota in Patients With Bladder Cancer. *Frontiers in microbiology*. 12, pp.718776. ISSN 1664-302X. SCOPUS (43) <https://doi.org/10.3389/fmicb.2021.718776>
- 12 **Scientific paper.** Marsal JR; Urreta-Barallobre I; Ubeda-Carrillo M; et al; Ferreira-González I; (5/15) Lumbreras B. 2022. Sample size requirement in trials that use the composite endpoint major adverse cardiovascular events (MACE): new insights. *Trials*. 23, pp.1037. SCOPUS (34) <https://doi.org/10.1186/s13063-022-06977-4>
- 13 **Scientific paper.** Benazizi I; Bernal-Soriano MC; Pardo Y; et al; Parker LA; (9/10) Lumbreras B. 2021. Adaptation and psychometric validation of Diabetes Health Profile (DHP-18) in patients with type 2 diabetes in Quito, Ecuador: a cross-sectional study. *Health and quality of life outcomes*. 19, pp.189. SCOPUS (54) <https://doi.org/10.1186/s12955-021-01818-5>
- 14 **Scientific paper.** Bernal-Soriano MC; Parker LA; López-Garrigós M; et al; (10/10) Lumbreras B (AC). 2021. Do the Prostate-Specific Antigen (PSA) Tests That Are Ordered in Clinical Practice Adhere to the Pertinent Guidelines?. *Journal of clinical medicine*. 10. ISSN 2077-0383. SCOPUS (37) <https://doi.org/10.3390/jcm10122650>
- 15 **Scientific paper.** Talens A; Guilabert M; (3/5) Lumbreras B; Aznar MT; López-Pintor E. 2021. Medication Experience and Adherence to Oral Chemotherapy: A Qualitative Study of Patients' and Health Professionals' Perspectives. *International journal of environmental research and public health*. 18. ISSN 1661-7827. SCOPUS (36) <https://doi.org/10.3390/ijerph18084266>
- 16 **Scientific paper.** López-Pintor E; Grau J; (3/3) Lumbreras B (AC). 2021. Patient's awareness on COPD is the strongest predictor of persistence and adherence in treatment-naïve patients in real life: a prospective cohort study. *BMC pulmonary medicine*. 21, pp.388. SCOPUS (38) <https://doi.org/10.1186/s12890-021-01754-6>
- 17 **Scientific paper.** Chilet-Rosell E; Parker LA; Hernández-Aguado I; et al; (10/10) Lumbreras B (AC). 2020. Differences in the clinical management of women and men after detection of a solitary pulmonary nodule in clinical practice. *European radiology*. 30, pp.4390-4397. ISSN 0938-7994. <https://doi.org/10.1007/s00330-020-06791-z>
- 18 **Scientific paper.** López-Pintor E; Grau J; González I; Bernal-Soriano MC; Quesada JA; (6/6) Lumbreras B (AC). 2020. Impact of patients' perception of COPD and treatment on adherence and health-related quality of life in real-world: Study in 53 community pharmacies. *Respiratory medicine*. 176, pp.106280. ISSN 0954-6111. <https://doi.org/10.1016/j.rmed.2020.106280>
- 19 **Scientific paper.** Puig-Molto M; Pol-Yanguas E; Segarra L; (4/4) Lumbreras B (AC). 2020. Impact of the EMA/FDA alerts on the use of effective contraceptive method in women of childbearing age undergoing valproic acid treatment in a long-stay psychiatric center. *Epilepsy & behavior : E&B*. 107, pp.107072. ISSN 1525-5050. <https://doi.org/10.1016/j.yebeh.2020.107072>

- 20 Scientific paper.** Sanz-Tamargo G; García-Cases S; Navarro A; (4/4) Lumbreras B (AC). 2019. Adaptation of a deprescription intervention to the medication management of older people living in long-term care facilities. *Expert opinion on drug safety*. 18, pp.1091-1098. ISSN 1474-0338. <https://doi.org/10.1080/14740338.2019.1667330>
- 21 Scientific paper.** Lumbreras B; Salinas JM; (3/3) Gonzalez-Alvarez I (AC). 2019. Cumulative exposure to ionising radiation from diagnostic imaging tests: a 12-year follow-up population-based analysis in Spain. *BMJ open*. 9, pp.e030905. SCOPUS (35) <https://doi.org/10.1136/bmjopen-2019-030905>
- 22 Scientific paper.** Bernal-Soriano MC; Parker LA; López-Garrigos M; et al; (10/10) Lumbreras B (AC). 2019. Factors associated with false negative and false positive results of prostate-specific antigen (PSA) and the impact on patient health: Cohort study protocol. *Medicine*. 98, pp.e17451. ISSN 0025-7974. SCOPUS (36) <https://doi.org/10.1097/MD.00000000000017451>
- 23 Scientific paper.** Brotons A; Guilabert M; Lacueva FJ; et al; Sola-Vera J; (5/10) Lumbreras B. 2019. The Colonoscopy Satisfaction and Safety Questionnaire (CSSQP) for Colorectal Cancer Screening: A Development and Validation Study. *International journal of environmental research and public health*. 16. ISSN 1661-7827. SCOPUS (42) <https://doi.org/10.3390/ijerph16030392>
- 24 Scientific paper.** Chilet-Rosell E; Parker LA; Hernández-Aguado I; et al; (10/10) Lumbreras B (AC). 2019. The determinants of lung cancer after detecting a solitary pulmonary nodule are different in men and women, for both chest radiograph and CT. *PloS one*. 14, pp.e0221134. SCOPUS (24) <https://doi.org/10.1371/journal.pone.0221134>
- 25 Scientific paper.** Vilar-Palop J; Hernandez-Aguado I; Pastor-Valero M; Vilar J; González-Alvarez I; (6/6) Lumbreras B (AC). 2018. Appropriate use of medical imaging in two Spanish public hospitals: a cross-sectional analysis. *BMJ open*. 8, pp.e019535. SCOPUS (38) <https://doi.org/10.1136/bmjopen-2017-019535>
- 26 Scientific paper.** Matoses-Chirivella C; Navarro-Ruiz A; (3/3) Lumbreras B. 2018. Development and validation of a guide for the continuity of care in perioperative medication management. *Journal of orthopaedics and traumatology : official journal of the Italian Society of Orthopaedics and Traumatology*. 19, pp.4. ISSN 1590-9921. SCOPUS (20) <https://doi.org/10.1186/s10195-018-0490-2>
- 27 Scientific paper.** Parker LA; Chilet-Rosell E; Hernández-Aguado I; Pastor-Valero M; Gea S; (6/6) Lumbreras B (AC). 2018. Diagnostic Biomarkers: Are We Moving from Discovery to Clinical Application?. *Clinical chemistry*. 64, pp.1657-1667. ISSN 0009-9147. <https://doi.org/10.1373/clinchem.2018.292854>
- 28 Review.** Estevan-Vilar M; Parker LA; Caballero-Romeu JP; Ronda E; Hernández-Aguado I; (6/6) Lumbreras B (AC). 2024. Barriers and facilitators of shared decision-making in prostate cancer screening in primary care: A systematic review. *Preventive medicine reports*. 37, pp.102539. ISSN 2211-3355. SCOPUS (55) <https://doi.org/10.1016/j.pmedr.2023.102539>
- 29 Review.** Estevan-Ortega M; de la Encarnación Castellano C; Mendiola-López A; Parker LA; Caballero-Romeu JP; (6/6) Lumbreras B (AC). 2024. Urologists' and general practitioners' knowledge, beliefs and practice relevant for opportunistic prostate cancer screening: a PRISMA-compliant systematic review. *Frontiers in medicine*. 11, pp.1283654. ISSN 2296-858X. SCOPUS (44) <https://doi.org/10.3389/fmed.2024.1283654>
- 30 Review.** (1/3) Lumbreras B (AC); Sanz-Valero J; López-Pintor E. 2022. Impact of Variation in Pill/Package Appearance of Drugs on Patients' Behavior: A Systematic Review. *Journal of patient safety*. 18, pp.310-317. ISSN 1549-8417. <https://doi.org/10.1097/PTS.0000000000000941>
- 31 Review.** Sarrió-Sanz P; Martínez-Cayuelas L; (3/7) Lumbreras B; Sánchez-Caballero L; Palazón-Bru A; Gil-Guillén VF; Gómez-Pérez L. 2022. Mortality prediction models after radical cystectomy for bladder tumour: A systematic review and critical appraisal. *European journal of clinical investigation*. 52, pp.e13822. ISSN 0014-2972. <https://doi.org/10.1111/eci.13822>

- 32 Review.** Hernández-Prats C; López-Pintor E; (3/3) Lumbreras B (AC). 2021. Pharmacist-led intervention on the reduction of inappropriate medication use in patients with heart failure: A systematic review of randomized trials and non-randomized intervention studies. *Research in social & administrative pharmacy : RSAP*. 18, pp.2748-2756. ISSN 1551-7411. <https://doi.org/10.1016/j.sapharm.2021.06.023>
- 33 Review.** Blasco-Blasco M; Puig-García M; Piay N; (4/6) Lumbreras B; Hernández-Aguado I; Parker LA. 2020. Barriers and facilitators to successful management of type 2 diabetes mellitus in Latin America and the Caribbean: A systematic review. *PloS one*. 15, pp.e0237542. SCOPUS (102) <https://doi.org/10.1371/journal.pone.0237542>
- 34 Review.** Bernal-Soriano MC; (2/6) Lumbreras B; Hernández-Aguado I; Pastor-Valero M; López-Garrigos M; Parker LA. 2020. Untangling the association between prostate-specific antigen and diabetes: a systematic review and meta-analysis. *Clinical chemistry and laboratory medicine*. 59, pp.11-26. ISSN 1434-6621. <https://doi.org/10.1515/cclm-2020-0145>
- 35 Review.** Redondo M; Hernández-Aguado I; (3/3) Lumbreras B (AC). 2018. The impact of the tax on sweetened beverages: a systematic review. *The American journal of clinical nutrition*. 108, pp.548-563. ISSN 0002-9165. <https://doi.org/10.1093/ajcn/nqy135>

### C.3. Research projects and contracts

- 1 Project.** Uso de biomarcadores cardíacos en la evaluación del riesgo perioperatorio de pacientes adultos sometidos a procedimientos de cirugía mayor no cardíaca.. CIBER en Epidemiología y Salud Pública (CIBERESP). Gerard Urrutia. (CIBER EN EPIDEMIOLOGÍA Y SALUD PÚBLICA (CIBERESP)). 01/01/2024-01/01/2026. 50.000 €.
- 2 Project.** COVID persistente y rendimiento laboral entre el personal sanitario: un enfoque cualitativo.. CIBER EN EPIDEMIOLOGÍA Y SALUD PÚBLICA (CIBERESP). Mireia Utzet. (CIBER EN EPIDEMIOLOGÍA Y SALUD PÚBLICA (CIBERESP)). 01/03/2023-31/12/2024. 38.600 €.
- 3 Project.** The impact of COVID-19 pandemic and their restrictions on the chronification of benzodiazepine use. CIBER EPIDEMIOLOGIA Y SALUD PUBLICA (CIBERESP). I Aznar-Lou. (CIBER EPIDEMIOLOGIA Y SALUD PUBLICA (CIBERESP)). 01/03/2022-31/12/2023. 40.900 €.
- 4 Project.** Promoción de la toma de decisiones compartidas en cribado oportunista en cáncer de próstata. Instituto de Salud Carlos III. Blanca Lumbreras Lacarra. 01/01/2021-31/12/2023. 50.215 €.
- 5 Project.** Síndrome post-COVID: definición, prevalencia, identificación de predictores y opciones terapéuticas. CIBERPOSTCOVID. Instituto de Salud Carlos III. Marina Pollán. (CIBER EPIDEMIOLOGIA Y SALUD PUBLICA (CIBERESP)). 01/10/2021-31/12/2022. 60.000 €.
- 6 Project.** Proyecto Bin-Cell: Herramienta gratuita para calcular el tamaño muestral en los ensayos clínicos.. CIBER EPIDEMIOLOGIA Y SALUD PUBLICA (CIBERESP). Josep Ramon Marsall. (CIBER EPIDEMIOLOGIA Y SALUD PUBLICA (CIBERESP)). 01/04/2020-31/12/2021. 50.000 €.
- 7 Project.** Estudio de la adecuación de las peticiones de PSA, factores asociados con resultados falsos positivos y negativos y el impacto en la salud del paciente. Instituto de Salud Carlos III. Blanca Lumbreras Lacarra. 01/01/2018-31/12/2020. 95.287,75 €.