

CV Date	18/04/2023
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## Part A. PERSONAL INFORMATION

First Name *	José Manuel		
Family Name *	Porcel Pérez		
Sex *	Male	Date of Birth *	29/12/1961
ID number Social Security, Passport *	40968810Z	Phone Number *	(0034) 973232107
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Researcher's identification number	Open Researcher and Contributor ID (ORCID) *	0000-0002-2734-8061	
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\* Mandatory

### A.1. Current position

Job Title	Coordinador Médico		
Starting date	2022		
Institution	INSTITUT CATALA DE LA SALUT DE BARCELONA GENERALITAT DE CATALUNYA		
Department / Centre	Medicina Interna / Hospital Universitari Arnau de Vilanova		
Country		Phone Number	
Keywords			

### A.2. Previous positions

Period	Job Title / Name of Employer / Country
2005 - 2017	Coordinador de Grupo de Investigación / Instituto de Investigación Biomédica de Lleida
2005 - 2013	Tutor de Residentes / Instituto Catalán de la Salud
2012 - 2012	Visiting Professor / Lung Institute of Western Australia
2001 - 2007	Vicedecano / Universidad de Lleida
1992 - 2005	Médico Adjunto / Hospital Universitario Arnau de Vilanova de Lleida
1998 - 2001	Director del Departamento de Medicina / Universidad de Lleida
1994 - 1998	Profesor Asociado / Universitat de Lleida
1991 - 1992	Research Fellow / King's College Hospital de Londres

### A.3. Education

Degree/Master/PhD	University / Country	Year
Experto Universitario en Redacción Médica	FUNDACION GENERAL DE LA UNIVERSIDAD DE ALCALA DE HENARES	2021
Experto Universitario en Ecografía Torácica	Universitat de Barcelona	2019
Experto Universitario en Patología de la Pleura	Universitat de Barcelona	2016
Master en Metodología de Investigación Clínica	Universitat de Barcelona	2014
Doctor en Medicina	Universidad Autónoma de Barcelona / Spain	1993
Licenciado en Medicina y Cirugía	Universitat Autònoma de Barcelona	1986

## Part B. CV SUMMARY

Dr. José M. Porcel is Medical Director (CEO), Professor of Medicine, Chief of the Department of Internal Medicine and Head of the Pleural Medicine Unit at Arnau de Vilanova University Hospital (Lleida, Spain). He is currently Section Editor (Lung cancer & Pleural Diseases) for the European Respiratory Journal (IF: 33,809), Associate Editor of the ERJ Open Res (IF: 4,239) and Editor-in-Chief of the Spanish Journal of Medicine. His clinical and research interests focus primarily on pleural diseases, about which he has published extensively and currently ranks second among worldwide experts (<https://expertscape.com/ex/pleura>). He is Fellow of the American College of Physicians (FACP), American College of Chest Physicians (FCCP), European Respiratory Society (FERS), Asian Pacific Society of Respiriology (FAPSR), and European Federation of Internal Medicine (FEFIM).

## Part C. RELEVANT ACCOMPLISHMENTS

### C.1. Publications

AC: corresponding author. (n° x / n° y): position / total authors. If applicable, indicate the number of citations

- 1 Scientific paper.** M Botana; J Pérez; E Cases; et al; R Cordovilla. 2023. Diagnosis and treatment of pleural effusion. Recommendations of the Spanish Society of Pulmonology and Thoracic Surgery. Update 2022. Archivos de Bronconeumología. Elsevier. 59, pp.27-35.
- 2 Scientific paper.** EO Bedawi; S Ricciardi; M Hassan; et al; NM Rahman. 2023. ERS/ESTS statement on the management of pleural infection in adults. European Respiratory Journal. 61-2, pp.2201062.
- 3 Scientific paper.** Sorolla A; Parisi E; Sorolla MA; Marqués M. (4/4). 2022. Applications of CRISPR technology to lung cancer research. European Respiratory Journal. European Respiratory Society 59. 59, pp.2102610.
- 4 Scientific paper.** Porcel JM (AC); Sorolla A; Parisi E; Bielsa S; Salud A; Sorolla MA. (1/6). 2022. Cell free DNA concentration and fragmentation in pleural fluid and plasma to detect malignant effusions. Annals of the American Thoracic Society. ATS. 19, pp.854-856.
- 5 Scientific paper.** Mulet M; Osuna-Gómez R; Zamora C; et al; Vidal S; Porcel JM. (4/11). 2022. Influence of malignant pleural fluid from lung adenocarcinoma patients on neutrophil response. Cancers (Basel). 14, pp.2529.
- 6 Scientific paper.** José M Porcel; P Sancho. 2022. Malignant pleural effusions with transudative characteristics. Gazz Med Ital- Arch Sci Med. 181, pp.482-483.
- 7 Scientific paper.** Porcel JM; Gilbert CR (AC). (2/2). 2022. Management of recurrent transudative pleural effusions: can we REDUCE unnecessary interventions?. European Respiratory Journal. ERS. 59, pp.2101941.
- 8 Scientific paper.** José M Porcel (AC). (1/1). 2022. Mesotelioma pleural. Medicina Clínica. Elsevier 158. 159, pp.240-247.
- 9 Scientific paper.** José M Porcel. 2022. Nonmalignant pleural effusions. Seminars in Respiratory and Critical Care Medicine. 43, pp.570-582.
- 10 Scientific paper.** JL Recuero; S Figueroa; C Gálvez; et al; José M Porcel. 2022. Recomendaciones de la Sociedad Española de Cirugía Torácica (SECT) para el manejo del derrame pleural maligno. Cirugía Española. Elsevier. 100, pp.673-683.
- 11 Scientific paper.** S Mummadi. 2022. Securing the chest tube: In search of the elusive solution. European Respiratory Journal. 60, pp.2000434.
- 12 Scientific paper.** Bielsa S; Guitart A; Esquerda A; Fernández-Pacheco R; Baranguán MT; Ibarra A; Porcel JM (AC). (7/7). 2022. Some pleural effusions labelled as idiopathic could be produced by the inhalation of silica. Pleura Peritoneum. 7, pp.27-33.
- 13 Scientific paper.** Porcel JM (AC). (1/1). 2022. The eponymous Dr. Richard W. Light: Father of Pleural Medicine. Archivos de Bronconeumología. Elsevier. 58, pp.203-204.
- 14 Scientific paper.** Mummadi SR; Porcel JM (AC). (2/2). 2021. Ambulatory management of secondary spontaneous pneumothorax: a mirage, or a solution on the horizon?. European Respiratory Journal. 57, pp.2100003.

- 15 **Scientific paper.** Maria Alba Sorolla; Anabel Sorolla; Eva Parisi; Antonietta Salud; José M Porcel (AC). (5/5). 2021. Diving into the pleural fluid: liquid biopsy for metastatic malignant effusions. *Cancers (Basel)*. MDPI. 13, pp.2798.
- 16 **Scientific paper.** Rendón-Ramírez E; González-Villareal M; Muñoz-Espinosa L; et al; Porcel JM; Porcel JM (AC). (10/10). 2021. Pleural effusions identified by point-of-care ultrasound predict poor outcomes in decompensated cirrhosis. *Ultrasound in Medicine and Biology*. Elsevier. 47, pp.3283-3290.
- 17 **Scientific paper.** Porcel JM (AC); Richard Light. (1/2). 2021. Pleural fluid analysis. Are Light's criteria still relevant after half a century?. *Clinics in Chest Medicine*. Elsevier. 42, pp.599-609.
- 18 **Scientific paper.** Fjaellegaard K; Petersen JK; Reuter S; et al; Bodtger U; Porcel JM. (6/10). 2021. Positron emission tomography-computed tomography (PET-CT) in suspected malignant pleural effusions. An updated systematic review and meta-analysis. *Lung Cancer*. Elsevier. 162, pp.106-118.
- 19 **Scientific paper.** Porcel JM (AC); Murata P; Porcel L; Bielsa S; Pardina M; Salud A. (1/6). 2021. Prevalence, clinical characteristics, and outcomes of pleural effusions in ovarian cancer. *Pleura Peritoneum*. DeGruyter. 6, pp.75-81.
- 20 **Scientific paper.** Hassan M; Patel S; Sadaka AS; Bedawi EO; Corcoran JP; Porcel JM. (1/6). 2021. Recent insights in the management of pleural infection. *International Journal of General Medicine*. Dove. 14, pp.3415-3429.
- 21 **Scientific paper.** Porcel JM (AC); Lee P. (1/2). 2021. Thoracoscopy for spontaneous pneumothorax. *Journal of Clinical Medicine*. MDPI. 10, pp.3835.
- 22 **Scientific paper.** José M Porcel (AC). (1/1). 2020. Natriuretic peptides in pleural effusions: beyond diagnosis of heart failure. *Respirology*. Wiley. 25, pp.1021-1022. ISSN 1440-1843.
- 23 **Scientific paper.** José M Porcel (AC). (1/1). 2020. PILOTing towards a RAPID predictor of mortality for infectious pleural effusions. *European Respiratory Journal*. European Respiratory Society. 56, pp.2002425. ISSN 1399-3003.
- 24 **Scientific paper.** José M Porcel (AC). (1/1). 2020. PLEASE, take a deep breath. *European Respiratory Journal*. 55, pp.2000501. ISSN 1399-3003.
- 25 **Scientific paper.** M Mulet; C Zamora; José M Porcel; et al; S Vidal. (3/9). 2020. Platelet factor 4 regulates T-cell effector functions in malignant pleural effusions. *Cancer Letters*. Elsevier. 491, pp.78-86. ISSN 0304-3835.
- 26 **Scientific paper.** José M Porcel (AC). (1/1). 2020. Pleural diseases and Covid-19: ubi fumus, ibi ignis. *European Respiratory Journal*. European Respiratory Society. 56, pp.2003308. ISSN 1399-3003.
- 27 **Scientific paper.** Jose M Porcel (AC); Magdalena Torres; Marina Pardina; Carmen Civit; Antonietta Salud; Silvia Bielsa. (1/6). 2020. Predictors of indwelling pleural catheter removal and infection: a single-center experience with 336 procedures. *Journal of Bronchology and Interventional Pulmonology*. LWW. 27, pp.86-94. ISSN 1944-6586.
- 28 **Scientific paper.** José M Porcel (AC). (1/1). 2020. Time to embrace POCUS as part of the bedside diagnosis of respiratory diseases. *Respirology*. Wiley. 25, pp.466-467. ISSN 1440-1843.
- 29 **Scientific paper.** Jose M Porcel (AC); Lucia Ferreiro; Laura Rami; Esther Espino Paisán; Carmen Civit; Juan Antonio Schoenenberger; Luis Valdés; Silvia Bielsa. (1/8). 2020. Two vs. three weeks of treatment with amoxicilline-clavulanate for stabilized community-acquired complicated parapneumonic effusions. A preliminary non-inferiority, double-blind, randomized, controlled trial. *Pleura Peritoneum*. De Gruyter. 5, pp.20190027. ISSN 2364-768X.
- 30 **Scientific paper.** JM Porcel (AC). (1/1). 2019. Diagnosis and characterization of malignant effusions through pleural fluid cytological examination. *CURR OPIN PULM MED*. pp.362-368. <https://doi.org/10.1097/MCP.0000000000000593>
- 31 **Scientific paper.** Palma RM; Bielsa S; Esquerda A; Martínez-Alonso M; Porcel JM. 2019. Diagnostic Accuracy of Pleural Fluid Adenosine Deaminase for Diagnosing Tuberculosis. Meta-analysis of Spanish Studies. *Archivos de Bronconeumología*. Elsevier. 55, pp.23-30.

- 32 **Scientific paper.** JM Porcel (AC). (1/1). 2019. Dual intracavitary therapy for pleural infections: leaving reluctance behind. *EUR RESPIR J.* 54, pp.1901001. <https://doi.org/10.1183/13993003.01001-2019>
- 33 **Scientific paper.** Bibby AC; Dorn P; Porcel JM; et al; Cardillo G. 2019. ERS/EACTS statement on the management of malignant pleural effusions. *European Journal of Cardiothoracic Surgery.* 55, pp.116-132.
- 34 **Scientific paper.** B Roman-Canal; C Pablo-Moiola; S Gatus; et al; E Colas; JM Porcel. (10/15). 2019. EV-associated miRNAs from peritoneal lavage are a source of biomarkers in endometrial cancer. *Cancers (Basel).* 11, pp.839.
- 35 **Scientific paper.** B Román-Canal; J Tarragona; C Pablo-Moiola; et al; E Colas; JM Porcel. (10/15). 2019. EV-associated miRNAs from peritoneal lavage as potential diagnostic biomarkers in colorectal cancer. *J TRANSL MED.* 17, pp.208. <https://doi.org/10.1186/s12967-019-1954-8>
- 36 **Scientific paper.** B Román-Canal; CP Moiola; S Gatus; et al; E Colas; JM Porcel. (10/12). 2019. EV-associated miRNAs from pleural lavage as potential diagnostic biomarkers in lung cancer. *SCI REP-UK.* 9, pp.15057. <https://doi.org/10.1038/s41598-019-51578-y>
- 37 **Scientific paper.** JM Porcel (AC); A Esquerda; S Bielsa; et al; A Salud. (1/9). 2019. Epithelial cell adhesion molecule (EpCAM) from pleural fluid cell lysates is a highly accurate diagnostic biomarker of adenocarcinomatous effusions. *RESPIROLOGY.* 24, pp.799-804. <https://doi.org/10.1111/resp.13539>
- 38 **Scientific paper.** MR; JP Corcoran; JM Porcel; NM Rahman; I Psallidas. (3/5). 2019. Interpreting pleural fluid results. *CLIN MED.* 19, pp.213-217. <https://doi.org/10.7861/clinmedicine>
- 39 **Scientific paper.** Nieto JC; Zamora C; Porcel JM; et al; Vidal S. 2019. Migrated T-lymphocytes into malignant pleural effusions: an indicator of good prognosis in lung adenocarcinoma patients. *SCI REP-UK.* 9, pp.2996. <https://doi.org/10.1038/s41598-018-35840-3>
- 40 **Scientific paper.** Porcel JM; Cuadrat I; Garcia-Cerezedo T; Pardina M; Bielsa S. 2019. Pleural Effusions in Diffuse Large B-Cell Lymphoma: Clinical and Prognostic Significance. *LUNG.* Springer. 197, pp.47-51. <https://doi.org/10.1007/s00408-018-0182-y>
- 41 **Scientific paper.** Fitzgerald DB; Leong SL; Budgeon CA; et al; Gary Lee YC. 2019. Relationship of pleural fluid pH and glucose: A multi-center study of 2971 cases. *Journal of Thoracic Diseases.* 11, pp.123-130.
- 42 **Scientific paper.** Bielsa S; Acosta C; Pardina M; Civit C; Porcel JM. 2019. Tuberculous Pleural Effusion: Clinical Characteristics of 320 Patients. *Archivos de Bronconeumología.* Elsevier. 55, pp.17-22.
- 43 **Scientific paper.** JM Porcel (AC). (1/1). 2019. Ultrasound-based elastography: “hard” to implement in the pleural effusion work-up?. *EUR RESPIR J.* 54, pp.1901587. <https://doi.org/10.1183/13993003.01587-2019>
- 44 **Scientific paper.** Porcel JM (AC). (1/1). 2018. Biomarkers in the diagnosis of pleural diseases: a 2018 update. *THER ADV RESPIR DIS.* SAGE. 12, pp.1753466618808660. <https://doi.org/10.1177/1753466618808660>
- 45 **Scientific paper.** Porcel JM (AC). (1/1). 2018. Chest tube drainage of the pleural space: a concise review for pulmonologists. *Tuberculosis and Respiratory Diseases (Seoul).* 81, pp.106-115.
- 46 **Scientific paper.** Porcel JM (AC); Ferreiro L; Civit C; Valdés L; Esquerda A; Light RW; Bielsa S. (1/7). 2018. Development and validation of a scoring system for the identification of pleural exudates of cardiac origin. *EUR J INTERN MED.* Elsevier. 50, pp.60-64. <https://doi.org/10.1016/j.ejim.2017.11.008>
- 47 **Scientific paper.** Bibby AC; Dorn P; Psallidas I; et al; Maskell NA; Porcel JM. (4/14). 2018. ERS/EACTS statement on the management of malignant pleural effusions. *EUR RESPIR J.* 52, pp.1800349. <https://doi.org/10.1183/13993003.00349-2018>
- 48 **Scientific paper.** McCracken DJ; Porcel JM; Rahman NM. 2018. Malignant pleural effusions: management options. *Seminars in Respiratory and Critical Care Medicine.* 39, pp.704-712.

- 49 Scientific paper.** Ferreiro L; Porcel JM; Bielsa S; Toubes ME; Álvarez-Dobaño JM; Valdés L. (2/6). 2018. Management of pleural infections. Expert Review of Respiratory Medicine. Taylor & Francis. 12, pp.521-535.
- 50 Scientific paper.** Porcel JM (AC). (1/1). 2018. Phenotyping primary spontaneous pneumothorax. EUR RESPIR J. 52, pp.1801455. <https://doi.org/10.1183/13993003.01455-2018>
- 51 Scientific paper.** Morales-Rull JL; Bielsa S; Conde-Martel A; et al; Porcel JM. (10/10). 2018. Pleural effusions in acute decompensated heart failure: prevalence and pronostic implications. EUR J INTERN MED. Elsevier. 52, pp.49-53. <https://doi.org/10.1016/j.ejim.2018.02.004>
- 52 Scientific paper.** Porcel, J.M.; Lui, M.M.-S.; Lerner, A.D.; Davies, H.E.; Feller-Kopman, D.; Lee, Y.C.G.2017. Comparing approaches to the management of malignant pleural effusions. EXPERT REV RESPIR MED. 11-4, pp.273-284. <https://doi.org/10.1080/17476348.2017.1300532>
- 53 Scientific paper.** Porcel, J.M.; Pardina, M.; Alemán, C.; Pallisa, E.; Light, R.W.; Bielsa, S.2017. Computed tomography scoring system for discriminating between parapneumonic effusions eventually drained and those cured only with antibiotics. RESPIROLOGY. 22-6, pp.1199-1204. <https://doi.org/10.1111/resp.13040>
- 54 Scientific paper.** Porcel, J.M.; Ferreiro, L.; Civit, C.; Valdés, L.; Esquerda, A.; Light, R.W.; Bielsa, S.2017. Development and validation of a scoring system for the identification of pleural exudates of cardiac origin. EUR J INTERN MED. <https://doi.org/10.1016/j.ejim.2017.11.008>

### C.3. Research projects and contracts

- 1 Project.** Machine learning para la construcción de algoritmos de diagnóstico y pronóstico del derrame pleural maligno secundario a cáncer de pulmón basados en el análisis de expresión del RNA no codificante de líquido pleural. (Hospital Universitari Arnau de Vilanova). 2022-2024. 12 €.
- 2 Project.** Biopsia líquida utilizando el sobrenadante del líquido pleural y el plasma para el estudio del perfil mutacional en el cáncer de pulmón. Instituto de Salud Carlos III. (Hospital Universitari Arnau de Vilanova). 2021-2023. 80.000 €.
- 3 Project.** Utilidad del ADN libre circulante del líquido pleural y plasma para diagnosticar derrames malignos secundarios a cáncer de pulmón. Sociedad Española de Neumología y Cirugía Torácica. (Hospital Universitari Arnau de Vilanova). 2019-2020.
- 4 Project.** FIS PIE15/00029, Discovery, validation and implementation of biomarkers for precision oncology. Instituto de Salud Carlos III. (Hospital Universitario Arnau de Vilanova). 2015-2019. Principal investigator.