

## Resum C.V. - Miquel Porta Serra

Doctor en Medicina, Master of Public Health.

Cap de la Unitat d'Epidemiologia Clínica i Molecular del Càncer de l'Institut Municipal d'Investigació Mèdica (IMIM) de Barcelona.

Catedràtic de Medicina Preventiva i Salut Pública de la Universitat Autònoma de Barcelona.

Adjunct Professor, School of Public Health, University of North Carolina at Chapel Hill, EEUU.

---

Doctor en Medicina per la Universitat d'Alacant (1985). Va obtenir un Màster en Salut Pública a la Facultat de Salut Pública de la Universitat de Carolina del Nord (1984), centre en el que després fou Postdoctoral Fellow, i en el que actualment és Adjunct Professor.

És el cap de la Unitat d'Epidemiologia Clínica i Molecular del Càncer de l'Institut Municipal de Investigació Mèdica (IMIM) de Barcelona. Des de 1981 ha estat professor de la Facultat de Medicina de la Universitat Autònoma de Barcelona, on actualment es catedràtic de Medicina Preventiva i Salut Pública.

També ha estat professor d'epidemiologia molecular, epidemiologia clínica i fàrmaco-epidemiologia en diverses altres institucions acadèmiques, com: McGill University (Montréal, Canadà), The European Educational Programme in Epidemiology (Florència, Itàlia) i Westfälische Wilhelms-Universität (Münster, Alemanya); en diverses universitats de Brasil i Mèxic; en la Universitat de Kuwait; i a Harvard, on treballà durant un any sabàtic (1998-1999).

Les seves tres línies prioritàries de recerca són: (1) l'epidemiologia clínica i molecular del càncer de pàncrees i altres malalties pancreàtico-biliars, amb especial èmfasi en les interaccions genètico-ambientals; (2) les causes i conseqüències de la detecció precoç i el retard diagnòstic del càncer; i (3) l'avaluació de l'impacte sobre la salut humana dels Compostos Tòxics Persistents (CTPs) i altres agents químics ambientals.

Ha publicat més de 280 treballs d'investigació en revistes com *The Lancet*, *Journal of Clinical Oncology*, *Gut*, *International Journal of Cancer*, *British Journal of Cancer*, *Mutation Research*, *Carcinogenesis*, *Molecular Carcinogenesis*, *Cancer Causes & Control*, *Occupational & Environmental Medicine*, *Journal of Epidemiology & Community Health*, *Environmental Health Perspectives*, *Mutagenesis*, *Environmental & Molecular Mutagenesis*, *Chemosphere*, *Environmental Research*, *Environment International*, *Milbank Quarterly*, *Epidemiology*, *Journal of Clinical Epidemiology*, *International Journal of Epidemiology* o *Preventive Medicine*.

Actualment és membre del consells editorials del *Journal of Epidemiology & Community Health*, de *Epidemiology*, de *Preventive Medicine* i del *Journal of Clinical Epidemiology*, 'Editorial Consultant' de *The Lancet*, i un dels directors del *European Journal of Epidemiology*. Fou editor de la sèrie d'articles "Epidemiologia para clínicos" (revista *Medicina Clínica*, 1986-1991), coeditor de "Revisiones en Salut Pública" (1988 - 1998), i coeditor de "Pharmacoepidemiology. An introduction" (3<sup>a</sup> edició: Cincinnati, Harvey Whitney Books, 1998).

Ha estat president de la Sociedad Española de Epidemiologia (1994-1998) i de la European Epidemiology Federation (IEA EEF) (2002-2005). Fou un dels fundadors i primer president (2003-2005) de Científicos por el Medio Ambiente (CiMA).

---

I.M.I.M. & U.A.B.  
Carrer del Dr. Aiguader, 88  
08003 - Barcelona

<http://www.imim.es/urecmc/cat>  
<http://www.researcherid.com/rid/B-5787-2008>

T.: 93 316 0700  
F.: 93 316 0410  
E.: [mporta@imim.es](mailto:mporta@imim.es)

## Algunes publicacions recents i representatives:

- Porta M, Gasull M, et al. Distribution of blood concentrations of persistent organic pollutants in a representative sample of the population of Catalonia. *Environment International* 2010; 36: 655-664.
- Gasull M, Porta M, et al. The relative influence of diet and serum concentrations of organochlorine compounds on K-ras mutations in exocrine pancreatic cancer. *Chemosphere* 2010; 79: 686-697.
- Bosch de Basea M, Porta M, Alguacil J, et al. Relationships between occupational history and serum concentrations of organochlorine compounds in exocrine pancreatic cancer. *Occupational and Environmental Medicine* 2010 (en premsa).
- Parker LA, Lumbreras B, Hernández-Aguado I, Porta M. How useful is it clinically to analyse the K-ras mutational status for the diagnosis of exocrine pancreatic cancer? *European Journal of Clinical Investigation* 2010 (en premsa).
- Arrebola JP, Fernandez MF, Porta M, et al. Multivariate models to predict human adipose tissue PCB concentrations in Southern Spain. *Environment International* 2010; 36:705-713.
- García AM, Ramón-Bou N, Porta M. Isolated and joint effects of tobacco and alcohol consumption on risk of Alzheimer's disease. *Journal of Alzheimer's Disease* 2010; 20: 577-586.
- Parker LA, Gómez Saez N, Lumbreras B, Porta M, Hernández-Aguado I. Methodological deficits in diagnostic research using '-omics' technologies: Evaluation of the QUADOMICS tool and quality of recently published studies. *PLoS ONE* 2010; 5(7): e11419.
- Santibañez M, Vioque J, Alguacil J, García de la Hera M, Moreno-Osset E, Carrato A, Porta M, Kauppinen T, for the PANESOES Study Group. Occupational exposures and risk of pancreatic cancer. *European Journal of Epidemiology* 2010; 25: 721-730.
- Quesada P, Bosch de Basea M, Porta M. *Los límites de los límites. Valores límite de exposición ocupacional: Razones y limitaciones*. Madrid: Instituto Sindical de Trabajo, Ambiente y Salud (ISTAS), 2010 (80 pp),
- Porta M, et al. Influence of tumor stage, symptoms and time of blood draw on serum concentrations of organochlorine compounds in exocrine pancreatic cancer. *Cancer Causes & Control* 2009; 20: 1893-1906.
- Crous-Bou M, Porta M, Morales E, et al. Past medical conditions and K-ras mutations in pancreatic ductal adenocarcinoma: a hypothesis-generating study. *Cancer Causes & Control* 2009; 20: 591-599.
- Porta M, López T, Pumarega J, et al. In pancreatic ductal adenocarcinoma blood concentrations of some organochlorine compounds and coffee intake are independently associated with KRAS mutations. *Mutagenesis* 2009; 24: 513-521.
- Porta M, Crous-Bou M, Wark PA, Vineis P, Real FX, Malats N, Kampman E. Cigarette smoking and K-ras mutations in lung, pancreas and colorectal adenocarcinomas: Etiopathogenic similarities, differences and paradoxes. *Mutation Research - Reviews* 2009; 682: 83-93.
- Crous-Bou M, Porta M, et al. Lifetime history of alcohol consumption and K-ras mutations in pancreatic ductal adenocarcinoma. *Environmental & Molecular Mutagenesis* 2009; 50: 421-430.
- Lee DH, Jacobs DR Jr, Porta M. Hypothesis: a unifying mechanism between nutrition and chemicals as sources of epigenetic changes. *Environmental Health Perspectives* 2009; 117: 1799-1802.
- Porta M, et al. Correcting serum concentrations of organochlorine compounds by lipids: alternatives to the organochlorine / total lipids ratio. *Environment International* 2009; 35: 1080-1085.
- Porta M, Ferrer-Armengou O, Pumarega J, et al. Exocrine pancreatic cancer clinical factors were related to timing of blood extraction and influenced serum concentrations of lipids. *Journal of Clinical Epidemiology* 2008; 61: 695-704.
- Porta M, Bosch de Basea M, Benavides FG, et al. Differences in serum concentrations of organochlorine compounds by occupational social class in pancreatic cancer. *Environmental Research* 2008; 108: 370-379.
- Porta M, Grimalt JO, Jarrod M, et al. The influence of lipid and lifestyle factors upon correlations between highly prevalent organochlorine compounds in patients with exocrine pancreatic cancer. *Environment International* 2007; 33: 946-954.

- Blair A, Saracci R, Vineis P, Seniori Costantini R, Cocco P, Forastiere F, Grandjean P, Kogevinas M, Kriebel D, McMichael A, Pearce N, Porta M, Samet J, Sandler DP, Vainio H. Epidemiology, public health and the rhetoric of false positives. *Environmental Health Perspectives* 2009; 117: 1809-1813.
- Porta M, et al. Exocrine pancreatic cancer clinical factors were related to timing of blood extraction and influenced serum concentrations of lipids. *Journal of Clinical Epidemiology* 2008; 61: 695-704.
- Porta M, Bosch de Basea M, et al. Differences in serum concentrations of organochlorine compounds by occupational social class in pancreatic cancer. *Environmental Research* 2008; 108: 370-379.
- Porta M, Grimalt JO, Jarrod M, et al. The influence of lipid and lifestyle factors upon correlations between highly prevalent organochlorine compounds in patients with exocrine pancreatic cancer. *Environment International* 2007; 33: 946-954.
- Pérez-Cadahía B, Laffon B, Porta M, et al. Relationship between blood concentrations of heavy metals and cytogenetic and endocrine parameters among subjects involved in cleaning coastal areas affected by the 'Prestige' tanker oil spill. *Chemosphere* 2008; 71: 447-455.
- Pérez G, Porta M, Borrell C, et al. Interval from diagnosis to treatment onset for six major cancers in Catalonia, Spain. *Cancer Detection & Prevention* 2008; 32: 267-275.
- Vioque J, Barber X, Bolúmar F, Porta M, et al. Esophageal cancer risk by type of alcohol drinking and smoking: a case-control study in Spain. *BMC Cancer* 2008; 8: 221.
- Aguiló R, Macià F, Porta M, et al. Multiple independent primary cancers do not adversely affect survival of the lung cancer patient. *European Journal of Cardio-thoracic Surgery* 2008; 34: 1075-1080.
- Crous-Bou M, Porta M, López T, et al. Lifetime history of tobacco consumption and K-ras mutations in exocrine pancreatic cancer. *Pancreas* 2007; 35: 135-141.
- Morales E, Porta M, Vioque J, et al. Food and nutrient intakes and K-ras mutations in exocrine pancreatic cancer. *Journal of Epidemiology & Community Health* 2007; 61: 641-649.
- Crous-Bou M, De Vivo I, Porta M, et al. CYP1B1 polymorphisms and K-ras mutations in patients with pancreatic ductal adenocarcinoma. *Digestive Diseases & Sciences* 2007; 52: 1417-1421.
- Lee DH, Jacobs DR Jr, Porta M. Association of serum concentrations of persistent organic pollutants with prevalence of learning disability and attention deficit disorder. *Journal of Epidemiology & Community Health* 2007; 61: 591-596.
- Lee DH, Lee I-K, Porta M, Steffes M, Jacobs DR Jr. Relationship between serum concentrations of persistent organic pollutants and the prevalence of metabolic syndrome among nondiabetic adults: Results from the National Health and Nutrition Examination Survey 1999-2002. *Diabetologia* 2007; 50: 1841-1851.
- Pérez G, Porta M, Borrell C, et al. Interval from diagnosis to treatment onset for six major cancers in Catalonia, Spain. *Cancer Detection & Prevention* 2008; 32: 267-275.
- Hernández I, Porta M. Vacunar contra el virus del papiloma humano: análisis de una decisión de salud pública [Editorial]. *Formación Médica Continuada en Atención Primaria* 2008; 15: 119-121.
- Porta M, Puigdomènech E, Ballester F, et al. Estudios realizados en España sobre concentraciones en humanos de compuestos tóxicos persistentes. *Gaceta Sanitaria* 2008; 22: 248-266.
- Beerli-Palacio A, Martín-Santana JD, Porta M. El marketing como herramienta para incrementar la eficacia de los planes de salud pública. En: Informe SESPAS 2008. *Gaceta Sanitaria* 2008; 22 (Supl. 1): 27-36.
- Porta M. Investigación biomédica y sociedad: ambivalencias y contradicciones [Editorial]. *Medicina Clínica* 2007; 128: 305-6.
- Alguacil J, Santibáñez M, Porta M. Cáncer laboral y cáncer profesional. In: Ruiz-Frutos C, García AM, Delclós J, Benavides FG, eds. *Salud laboral. Conceptos y técnicas para la prevención de riesgos laborales*. 3ª edición. Barcelona: Masson / Elsevier, 2007: 275-298
- Schwartz GG, Porta M. Vitamin D, ecologic studies and endometrial cancer [Editorial]. *Preventive Medicine* 2007; 44.
- Morabia A, Porta M. Causalidad y epidemiología. *Investigación & Ciencia* 2008; 382 (Jul): 62-71.
- Porta M, Hernández-Aguado I. ¿Hacer más o hacer mejor lo que hay que hacer? Una reflexión cultural ante las nuevas tecnologías de prevención. *Eidon - Revista de la Fundación de Ciencias de la Salud* 2007; 24: 6-11.

- Porta M, Hernández-Aguado I, Lumbreras B, Crous-Bou M. ‘Omics’ research, monetization of intellectual property and fragmentation of knowledge: can clinical epidemiology strengthen integrative research?. *Journal of Clinical Epidemiology* 2007; 60: 1220-1225.
- Lumbreras B, Porta M, Hernández-Aguado I. Assessing the social meaning, value and implications of research in genomics [Editorial]. *Journal of Epidemiology & Community Health* 2007; 61: 755-756.
- Porta M, Puigdomènech E, Ballester F, et al. Monitoring concentrations of persistent organic pollutants in the general population: the international experience. *Environment International* 2008; 34: 546-561.
- Porta M, Pumarega J, Ferrer-Armengou O, et al. Timing of blood extraction in epidemiologic studies: Results and proposals from the PANKRAS II Study. *European Journal of Epidemiology* 2007; 22: 577-588.
- Porta M. La terca crisis de las vacas cuerdas. In: Gérvas J, Hernández-Aguado I, eds. *El sistema sanitario ante situaciones de crisis*. Madrid: Fundación de Ciencias de la Salud, 2007: 23-27.
- Porta M. Persistent organic pollutants and the burden of diabetes [Editorial Comment]. *The Lancet* 2006; 368: 558-559.
- Lee DH, Jacobs DR Jr., Porta M. Could low level background exposure to Persistent Organic Pollutants contribute to the social burden of type 2 diabetes? [Editorial]. *Journal of Epidemiology & Community Health* 2006; 60: 1006-1008.
- Porta M, González López-Valcárcel B, Márquez Calderón S, Artazcoz L. Doubts on the appropriateness of universal human papillomavirus (HPV) vaccination: is evidence on public health benefits already available? *Journal of Epidemiology & Community Health* 2008; 62: 667.
- Porta M. Creativity. In: Marinker M, ed. *Constructive conversations about health. Policy and values*. Oxford: Radcliffe Publishing, 2006: 149-164.
- Porta M. Things that kept coming to mind while thinking through Susser's South African memoir. *Journal of Epidemiology & Community Health* 2006; 60: 559-561.
- Porta M, Álvarez-Dardet C. How come scientists uncritically adopt and embody Thomson's bibliographic impact factor? [Editorial Comment] *Epidemiology* 2008; 19: 370-371.
- Porta M, Fernandez E, Bolúmar F. The “bibliographic impact factor” and the still uncharted sociology of epidemiology. *International Journal of Epidemiology* 2006; 35: 1130-1135.
- Porta M, Ballester F, Ribas-Fitó N, et al. Concentraciones de compuestos tóxicos persistentes en la población general española. Criterios para un diagnóstico de la situación actual. *Gaceta Sanitaria* 2006; 20: 233-238.
- Porta M. Commentary on Chapter 7 (Epidemiology, by Donghui Li). In: Von Hoff DD, Evans DB, Hruban RH, eds. *Pancreatic cancer*. Boston: Jones and Bartlett Publishers, 2005: 113-117.
- Porta M, Crous M. La acumulación de alteraciones genéticas y epigenéticas: un proceso causal clave entre el medio ambiente y las enfermedades de etiología compleja [Editorial]. *Gaceta Sanitaria* 2005; 19: 273-276.
- Alguacil J, Porta M, Kauppinen T, et al. Occupational exposure to dyes, metals, polycyclic aromatic hydrocarbons and other agents and K-ras activation in exocrine pancreatic cancer. *International Journal of Cancer* 2003;107:635-41.
- Porta M, Zumeta E, Ruiz L, Sunyer J, Kogevinas M, Ribas-Fitó N, Jarrod M. Persistent toxic substances and public health in Spain. *International Journal of Occupational and Environmental Health* 2003; 9: 112-117.
- Porta M. Persistent toxic substances: exposed individuals and exposed populations. *Journal of Epidemiology & Community Health* 2004; 58: 534-535.
- Bolúmar F, Porta M. Epidemiologic methods: beyond clinical medicine, beyond epidemiology. *European Journal of Epidemiology* 2004;19:733-735
- Porta M, Fernandez E, Alguacil J. Semiology, proteomics and the early detection of symptomatic cancer. *Journal of Clinical Epidemiology* 2003; 56: 815-819.
- Porta M, Ayude D, Alguacil J, Jarrod M. Exploring environmental causes of altered ras effects: fragmentation + integration? *Molecular Carcinogenesis* 2003; 36: 45-52.
- Porta M, et al. *El “Prestige” y las personas. El impacto del vertido sobre la salud de las poblaciones humanas, la salud pública*. Un informe para Greenpeace España. 2nd ed. Madrid: Greenpeace, 2003.
- Alguacil J, Porta M, Malats N, Kauppinen T, Benavides FG, Partanen T, Carrato A. Occupational exposure to organic solvents and K-ras mutations in exocrine pancreatic cancer. *Carcinogenesis* 2002; 23: 101-106.

- Malats N, Casals T, Porta M, Estivill X, Real FX. The cystic fibrosis transmembrane regulator (CFTR) DF508 mutation and 5T allele in patients with chronic pancreatitis and exocrine pancreas cancer. *Gut* 2001; 48: 70-74.
- Segura JM, Castells X, Casamitjana M, Macià F, Porta M, Katz S. A randomized controlled trial comparing three invitation strategies in a breast cancer screening program. *Preventive Medicine* 2001; 33:325-332.
- Fernandez E, Porta M, Malats N, Belloc J, Gallén M. Symptom to diagnosis interval and survival in cancers of the digestive tract. *Digestive Diseases & Sciences* 2002; 47: 2434-2440.
- Porta M, Malats N, Corominas JM, et al. Generalizing molecular results arising from incomplete biological samples: expected bias and unexpected findings. *Annals of Epidemiology* 2002; 12: 7-14.
- Porta M, et al. The influence of age and gender on serum concentrations of p,p'DDT, p,p'DDE and the DDT / DDE ratio in subjects with exocrine pancreatic cancer. *Organohalogen Compounds* 2002; 59: 351-354.
- Porta M, Ruiz L, Jarrod M, et al. Correlations among serum concentrations of highly prevalent organochlorine compounds in patients with exocrine pancreatic cancer. *Organohalogen Compounds* 2002; 55: 307-310.
- Real FX, Malats N, Lesca G, Porta M, Chopin S, Lenoir GM, Sinilnikova O. Family history of cancer and germline BRCA2 mutations in sporadic exocrine pancreas cancer. *Gut* 2002; 50: 653-657.
- Porta M, Kogevinas M, Zumeta E, Sunyer J, Ribas-Fitó N. Concentraciones de compuestos tóxicos persistentes en la población española: el rompecabezas sin piezas y la protección de la salud pública. *Gaceta Sanitaria* 2002; 16: 257-266.
- Porta M. Role of organochlorine compounds in the etiology of pancreatic cancer: A proposal to develop methodological standards. *Epidemiology* 2001; 12: 272-276.
- Alguacil J, Porta M, Benavides FG, et al. Occupation and pancreatic cancer in Spain: a case-control study based on job titles. *International Journal of Epidemiology* 2000; 29: 1004-1013.
- Ojajärvi IA, Partanen TJ, Ahlbom A, Boffetta P, Hakulinen T, Jourenkova N, Kauppinen TP, Kogevinas M, Porta M, Vainio HU, Weiderpass E, Wesseling CH. Occupational exposures and pancreatic cancer: a meta-analysis. *Occupational & Environmental Medicine* 2000; 57: 316-324.
- Porta M, Malats N, Jarrod M, et al. Serum concentrations of organochlorine compounds and K-ras mutations in exocrine pancreatic cancer. *The Lancet* 1999; 354: 2125-2129.
- Porta M, Fernandez E, Belloc J, Malats N, Gallén M, Alonso J. Emergency admission for cancer: a matter of survival?. *British Journal of Cancer* 1998; 77: 477-484.
- Porta M, Zumeta E. Implementing the Stockholm treaty on POPs [Editorial]. *Occupational & Environmental Medicine* 2002; 59: 651-652.
- Porta M. Bovine spongiform encephalopathy, persistent organic pollutants and the achievable utopias. *Journal of Epidemiology & Community Health* 2002; 56: 806-807.
- Porta M, Morabia A. Why aren't we more ahead? The risk of variant Creutzfeldt-Jakob Disease from eating Bovine Spongiform Encephalopathy-infected foods: still undetermined [Editorial]. *European Journal of Epidemiology* 2004; 19: 287-289.
- Morabia A, Porta M. Ethics of ignorance: lessons from the epidemiological assessment of the bovine spongiform encephalopathy ('Mad Cow Disease') epidemic. *Perspectives in Biology and Medicine* 1998; 41: 259-266.
- Porta M. The genome sequence is a jazz score. *International Journal of Epidemiology* 2003; 32: 29-31.
- Porta M. La secuencia del genoma es una partitura de jazz. *Claves de razón práctica* 2005; 158: 71-74.
- Porta M. Abre los ojos, sin miedo. Por una pedagogía científica culturalmente sostenible. *WorldWatch* 2004; 22:12-13.
- Porta M. La influencia del medio ambiente en la salud pública. *Eidon-Rev Fundación Ciencias Salud* 2003; 13: 20-25.
- Porta M. Contaminantes para nuestros nietos (Más allá de Estocolmo). *El País*, 15 gener 2002: 26-27.
- Porta M. Los viajeros ocultos de la obesidad. *El País*, 18 abril 2006: 38.
- Porta M. Facultades de medicina: internacionales o marginales. *El País*, 10 oct 2006: 51.
- Porta M. Cerco a las sustancias tóxicas persistentes (Más cercano que Kioto). *El País*, 30 gener 2007: 41.

- García-Altés A, Porta M. EPO: algo más que un problema de dosis. *El País*, 19 juny 2007: 52.
  - Hernández I, Porta M. Salud pública, política y conflicto de intereses. *El País* (Extra Salud), 13oct2007: 7.
  - Álvarez-Dardet C, Márquez Calderón S, González López-Valcárcel B, Artazcoz L, Taboada L, Hernandez-Aguado I, Porta M. Razones para no decidir con prisas. *El País*, 6 nov 2007: 46.
  - Porta M. In memoriam: Judah Folkman. *El País* (Extra Salud), 9 febrer 2008: 14-15.
  - Porta M. El problema no es la toxicidad aguda. *El País*, 29 abril 2008: 38.
  - Porta M, García-Altés A. Salud en todas las políticas. *El País*, 24 juny 2008: 41.
  - Benach J, Rodríguez Farré E, Álvarez-Dardet C, Ballester F, Benavides F, Muntaner C, Olea N, Porta M, et al. El suroeste español, zona de riesgo. *El País* (Extra Salud), 12 juliol 2008: 22.
  - Porta M. Cuerpos tóxicos. El impacto cultural de nuestra contaminación interior. Diario *La Vanguardia*, 25 de noviembre de 2009, Suplemento Cultura/s (388): 1-5.
  - Porta M. Ver lo que nos sale a cuenta. *El País*, 10 de junio de 2010: 31.
  - Porta M. Los beneficios de la salud pública. Visualizarlos y cuantificarlos para darles más valor. Revista *Daphnia* 2010; 53: 4-5.
  - Porta M. Los beneficios de la salud pública. Visualizarlos y cuantificarlos para darles valor. Reflexiones a propósito del proyecto de Ley General de Salud Pública del Gobierno de España. *Gestión Clínica y Sanitaria* 2010; 12: 43-46.
- 

Dr. Miquel Porta Serra - desembre 2010

Veure 'documents científics' a <http://www.imim.es/urecmc/cat>

<http://www.researcherid.com/rid/B-5787-2008>

<http://my.indexcopernicus.com/mporta3>

<http://f1000medicine.com/member/1135843894327297>