



MEMBRE DU COS DE L'OST

CATALINA MARTINEZ

Científico Titular (Tenured Researcher)

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Since 2006, Catalina Martínez is Research Fellow at the Spanish National Research Council (CSIC) in the Institute of Public Goods and Policies (IPP) where her research is related to the analysis of science and technology policies, from the viewpoint of economics of science and innovation, in particular the economics of patents. She was deputy director of IPP between 2015 and 2018 and since July 2018 is executive advisor at the CSIC Vicepresidence of Organisation and Institutional Relations.

With a BA in Economics from the Universidad de Murcia (awarded with distinction), she holds a PhD in Economics from the Universidad Autónoma de Barcelona since 1997 with a thesis on "Market Transparency and Consumer Choice". Between 1992 and 1997, as student of the International Doctorate in Economic Analysis (IDEA) Programme, she combined research and teaching at the Universidad Autónoma de Barcelona. As visiting PhD student, she spent the academic year 1995/96 at the *Groupe de Recherche en Economie Mathématique et Quantitative* (GREMAQ) of the University of Toulouse. Between 1997 and 2000 she worked as economist at the London and Brussels offices of Lexecon Ltd, an economic consulting firm specialised in competition policy. In 1999 she obtained a postgraduate diploma in EC Competition Law at the Centre of European Law of King's College London. In 2000 she started to work at the OECD with the Young Professionals Programme, and continued working as an economist in the Directorate for Science, Technology and Industry until 2006. During those years she worked on numerous projects related to science and technology policies in OECD countries, intellectual property rights and public-private partnerships for research and innovation.

She has taken part in several expert groups about intellectual property rights, including the working group of the French Government's Commissariat Général du Plan on [Prospective de la Propriété Intellectuelle pour l'Etat Stratège](#) (PIETA) (2004-2006); the European Commission expert group on [Knowledge Transfer Metrics](#) (2008); and the OECD expert groups on the economic use of patents (2008), name harmonisation in patent databases (2009) and patent families (2009). She has also been part of the international expert group that revised the [OECD Patent Statistics Manual](#) (2009), and has assisted the Spanish Patent and Trademark Office in its translation of the manual into Spanish: [Manual de Estadísticas de Patentes de la OCDE](#) (2009).

Principal investigator of the research projects "Academic inventors and science-industry linkages in Spain" (CSO2009-10845) and "Technology transfer: international evidence and lessons for research and innovation policy" (CSO2012-32844). Principal co-investigator of the research project "R&D Organizations' responses to crisis: research institutions, universities and firms" (CSO2016-79045-C2-1-R) and principal investigator at CSIC of the research collaboration project coordinated by CEMFI and funded by the region of Madrid "Finance, Innovation and Strategy: Economic Analysis of Firm Productivity and its Determinants" (PRODECON-CM, H2015/HUM-3491).

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Autres responsabilités exercées

She was member of the Steering Committee of the European Science Foundation (ESF) Research Networking Programme (RNP) "Academic patenting in Europe: database sharing, applications and extensions" (APE-INV 2009-2013: www.esf-ape-inv.eu). Since 2015, she belongs to the Consejo Científico y Tecnológico de la Fundación Española para la Ciencia y la Tecnología (FECYT) and the Board of EPIP (European Policy for Intellectual Property). Since 2017, she is member of the Executive Committee of EU-SPRI (European Forum for Studies of Policies for Research and Innovation) and since 2018 she is member of the comité d'orientation scientifique of the Observatoire des Sciences et des Techniques (OST-Hcéres).

Missions d'évaluation réalisées

She has assisted the OCDE in the review of the intellectual property system of Malaysia (2015) and the Chilean Patent and Trademark Office (INAPI) in the elaboration of the national strategy for industrial property of Chile (2016), among other projects.

Principales publications

Martínez C. and Bares L. (2018) The link between technology transfer and international extension of university patents: evidence from Spain. *Science and Public Policy*, **45, 6**: 827-842.

Ciaramella L., Martínez C. and Y. Ménière Y. (2017) Tracking patent transfers in different European countries: methods and a first application to medical technologies, *Scientometrics*, **112**:817-850

Martínez C. and Zuniga P. (2017) Contracting for technology transfer: patent licensing and know-how in Brazil. *Industry and Innovation*, **24:6**, 659-689

Martínez C., Cruz-Castro L. and Sanz-Menéndez L. (2016) Innovation capabilities in the private sector: evaluating subsidies for hiring S&T workers in Spain. *Research Evaluation*, **25 (2)**: 196-208.

Maraut S. and Martínez C. (2014) Identifying author-inventors from Spain: methods and a first insight into results. *Scientometrics*, **101**: 445-476.

Martínez C., Azagra-Caro J.M. and Maraut S. (2013) Academic inventors, scientific impact and the institutionalization of Pasteur's quadrant in Spain. *Industry and Innovation*, **20(5)**: 438-455

Martínez C. and Rama R. (2012) Home or next door? Patenting by European food and beverage multinationals. *Technology Analysis and Strategic Management*, **24 (7)**: 647-661

Guellec D., Martínez C. and Zuniga P. (2012) Pre-emptive patenting: securing market exclusion and freedom of operation. *Economics of Innovation and New Technology*, **21 (1)**: 1-29

Martínez C. (2011) Patent families: when do different definitions really matter?, *Scientometrics*, **86 (1)**: 39-63.

Encaoua D., Guellec D., and Martínez C. (2006) Patent systems for encouraging innovation: lessons from economic analysis. *Research Policy*, **35 (9)**, 1423-144