

Elena Gimeno Santos

Titulació Acadèmica i perfil professional

Doctora en Biomedicina per la Universitat Pompeu Fabra (UPF) (2014). Màster en Medicina Respiratòria per la Universitat de Barcelona (UB) i la UPF (2010). Llicenciatura en Psicologia per la Universitat Autònoma de Barcelona (UAB) (2007). Diplomatura en Fisioteràpia per l'Escola Universitària de Infermeria, Fisioteràpia i Nutrició Blanquerna (2002).

Investigadora Postdoctoral en el Centre de Recerca en Epidemiologia Ambiental (CREAL) (2015). Investigadora Predoctoral en el Centre de Recerca en Epidemiologia Ambiental (CREAL) (2010 – 2014). Tècnica d'investigació a la Fundació Privada Clínic per la Recerca Biomèdica (2005 – 2009). Co-directora al OYDIS, Serveis de Fisioteràpia SL (2007). Fisioterapeuta autònoma (2002 – 2007). Fisioterapeuta a la Mutua d'Accidents Laborals FREMAP (2003). Investigadora Col·laboradora a la Universitat Ramon Llull (2003). Investigadora col·laboradora a la Fundació Privada Clínic per la Recerca Biomèdica (2002 – 2003).

Docència

Professora de l'assignatura Eines i Metodologia per la Investigació del Màster en Investigació Clínica a la Facultat de Medicina de la UB (2013 – 2015). Professora de l'assignatura Fisioteràpia Respiratòria del Màster de Fisioteràpia en Pediatria de la Universitat Internacional de Catalunya (2012 – 2015). Professora del treball de final de grau (TFG) del Grau en Fisioteràpia de la Fundació Universitària del Bages (FUB) – UAB (2012 – 2015). Professora de l'assignatura fisioteràpia respiratòria del postgrau en Infermeria de la Facultat de Ciències de la Salut Blanquerna – Universitat Ramon Llull (URL) (2004 – 2015). Professora de l'assignatura demografia, bioestadística i epidemiologia del Grau en Infermeria de la UPF (2013 – 2014). Professora de fisioteràpia respiratòria del Grau en Fisioteràpia de la FUB-UAB (2003- 2014). Professora de fisioteràpia respiratòria de la diplomatura en Fisioteràpia de la Universitat de Girona (UDG) (2009 – 2011). Entre molts d'altres.

Investigació

Codi ORCID:

Línies de investigació

- Exercici terapèutic i patologia crònica respiratòria.
- Activitat física terapèutica i sedentarisme

Publicacions més rellevants:

- Ane Arbillaga Etxarri; Elena Gimeno-Santos; Anael Barberan Garcia; Marta Benet; Eulàlia Borrell; Payam Dadvand; Maria Foraster; Alicia Marín; Mònica Monteagudo; Robert Rodríguez Roisin; Pere Vall Casas; Jordi Vilaró; Judith Garcia Aymerich. Socio-environmental correlates of physical activity in patients with chronic obstructive pulmonary disease (COPD). Thorax. 01/03/2017. ISSN 1468-3296

- Heleen Demeyer; Ivan Dueñas Espín; Corina De Jongh; Zafeiris Louvaris; Miek Hornikx; Elena Gimeno-Santos; Matthias Loeckx; Ioannis Vogiatzis; Wim Janssens; Nicholas S Hopkinson; Roberto A Rabinovich; Niklas Karlsson; Judith Garcia Aymerich; Thierry Troosters. Can health status questionnaires be used as a measure of physical activity in COPD patients?. *Eur Respir J.* 49 - 2, 02/2017. ISSN 1399-3003
- H Demeyer; Z Louvaris; A Frei; R A Rabinovich; C de Jong; E Gimeno-Santos; M Loeckx; S C Buttery; N Rubio; T Van der Molen; N S Hopkinson; I Vogiatzis; M A Puhan; J Garcia Aymerich; M I Polkey; T Troosters. Physical activity is increased by a 12-week semiautomated telecoaching programme in patients with COPD: a multicentre randomised controlled trial. *Thorax.* 30/01/2017. ISSN 1468-3296
- Iván Dueñas Espín; Heleen Demeyer; Elena Gimeno-Santos; Michael I Polkey; Nicholas S Hopkinson; Roberto A Rabinovich; Fabienne Dobbels; Niklas Karlsson; Thierry Troosters; Judith Garcia Aymerich. Depression symptoms reduce physical activity in COPD patients: a prospective multicenter study. *Int J Chron Obstruct Pulmon Dis.* 11, pp. 1287 - 1295. (Nueva Zelanda): 10/06/2016. ISSN 1178-2005
- Maria A Ramon; Jaume Ferrer; Elena Gimeno-Santos; David Donaire Gonzalez; Esther Rodríguez; Eva Balcells; Jordi de Batlle; Marta Benet; Stefano Guerra; Jaume Sauleda; Antoni Ferrer; Eva Farrero; Joaquim Gea; Joan A Barberà; Alvar Agustí; Robert Rodriguez Roisin; Josep M Antó; Judith Garcia Aymerich. Inspiratory capacity-to-total lung capacity ratio and dyspnoea predict exercise capacity decline in COPD. *Respirology.* 21 - 3, pp. 476 - 558. (Australia): 04/2016. ISSN 1440-1843
- Heleen Demeyer; Elena Gimeno-Santos; Roberto A Rabinovich; Miek Hornikx; Zafeiris Louvaris; Willem I de Boer; Niklas Karlsson; Corina de Jong; Thys Van der Molen; Ioannis Vogiatzis; Wim Janssens; Judith Garcia Aymerich; Thierry Troosters; Michael I Polkey. Physical Activity Characteristics across GOLD Quadrants Depend on the Questionnaire Used. *PloS One.* 11 - 3, pp. e0151255. 03/2016. ISSN 1932-6203
- Diego A Rodríguez; Ane Arbillaga; Anael Barberan Garcia; Alba Ramirez Sarmiento; Yolanda Torralba; Jordi Vilaró; Elena Gimeno-Santos; Joaquim Gea; Mauricio Orozco Levi; Josep Roca; Ester Marco. Effects of interval and continuous exercise training on autonomic cardiac function in COPD patients. *Clin Respir J.* 10 - 1, pp. 83 - 92. 01/2016. ISSN 1752-699X
- Ane Arbillaga Etxarri; Jaume Torrent Pallicer; Elena Gimeno-Santos; Anael Barberan Garcia; Anna Delgado; Eva Balcells; Diego A Rodríguez; Jordi Vilaró; Pere Vall Casas; Alfredo Iruiria; Robert Rodriguez Roisin; Judith Garcia Aymerich. Validation of Walking Trails for the Urban Training™ of Chronic Obstructive Pulmonary Disease Patients. *PloS One.* 11 - 1, pp. e0146705. 01/2016. ISSN 1932-6203
- David Donaire Gonzalez; Elena Gimeno-Santos; Eva Balcells; Jordi de Batlle; Maria A Ramon; Esther Rodríguez; Eva Farrero; Marta Benet; Stefano Guerra; Jaume Sauleda; Antoni Ferrer; Jaume Ferrer; Joan A Barberà; Robert Rodriguez Roisin; Joaquim Gea; Alvar Agustí; Josep M Antó; Judith Garcia Aymerich. Benefits of physical activity on COPD hospitalisation depend on intensity. *Eur Respir J.* 46 - 5, pp. 1281 - 1290. 11/2015. ISSN 1399-3003
- Elena Gimeno-Santos; Yogini Raste; Heleen Demeyer; Zafeiris Louvaris; Corina de Jong; Roberto A Rabinovich; Nicholas S Hopkinson; Michael I Polkey; Ioannis Vogiatzis; Maggie Tabberer; Fabienne Dobbels; Nathalie Ivanoff; Willem I de Boer; Thys van der Molen; Karoly Kulich; Ignasi Serra; Xavier Basagaña; Thierry Troosters; Milo A Puhan; Niklas Karlsson; Judith Garcia Aymerich; PROactive consortium. The PROactive instruments to measure physical activity in patients with chronic obstructive pulmonary disease. *Eur Respir J.* 46 - 4, pp. 988 - 1988. 10/2015. ISSN 1399-3003

- Anael Barberan Garcia; Ane Arbillaga Etxarri; Elena Gimeno-Santos; Diego Agustín Rodríguez; Yolanda Torralba; Josep Roca; Jordi Vilaró. Nordic walking enhances oxygen uptake without increasing the rate of perceived exertion in patients with chronic obstructive pulmonary disease. *Respiration*. 89 - 3, pp. 221 - 226. (Suïça): 02/2015. ISSN 1423-0356
- Eva Balcells; Elena Gimeno-Santos; Jordi de Batlle; Maria Antonia Ramon; Esther Rodríguez; Marta Benet; Eva Farrero; Antoni Ferrer; Stefano Guerra; Jaume Ferrer; Jaume Sauleda; Joan A Barberà; Àlvar Agustí; Robert Rodríguez Roisin; Joaquim Gea; Josep M Antó; Judith Garcia Aymerich. Characterisation and prognosis of undiagnosed chronic obstructive pulmonary disease patients at their first hospitalisation. *BMC Pulm Med*. 15, pp. 4. 01/2015. ISSN 1471-2466
- Elena Gimeno-Santos; Diego A Rodriguez; Anael Barberan Garcia; Isabel Blanco; Jordi Vilaró; Yolanda Torralba; Robert Rodríguez Roisin; Joan A Barberà; Josep Roca; Judith Garcia Aymerich. Endurance exercise training improves heart rate recovery in patients with COPD. *COPD*. 11 - 2, pp. 190 - 196. 04/2014. ISSN 1541-2563
- Maria A Ramon; Elena Gimeno-Santos; Jaume Ferrer; Eva Balcells; Esther Rodríguez; Jordi de Batlle; Federico P Gómez; Jaume Sauleda; Antoni Ferrer; Joan A Barberà; Alvar Agustí; Joaquim Gea; Robert Rodríguez Roisin; Josep M Antó; Judith Garcia Aymerich. Hospital admissions and exercise capacity decline in patients with COPD. *Eur Respir J*. 43 - 4, pp. 1018 - 1045. 04/2014. ISSN 1399-3003
- Esther Rodríguez; Jaume Ferrer; Jan-Paul Zock; Ignasi Serra; Josep M Antó; Jordi de Batlle; Hans Kromhout; Roel Vermeulen; David Donaire González; Marta Benet; Eva Balcells; Eduard Monsó; Angel Gayete; Judith Garcia Aymerich; PAC-COPD Study Group. Lifetime occupational exposure to dusts, gases and fumes is associated with bronchitis symptoms and higher diffusion capacity in COPD patients. *PloS One*. 9 - 2, pp. e88426. 02/2014. ISSN 1932-6203
- David Donaire Gonzalez; Elena Gimeno-Santos; Eva Balcells; Diego A Rodríguez; Eva Farrero; Jordi de Batlle; Marta Benet; Antoni Ferrer; Joan A Barberà; Joaquim Gea; Robert Rodríguez Roisin; Josep M Antó; Judith Garcia Aymerich. Physical activity in COPD patients: patterns and bouts. *Eur Respir J*. 42 - 4, pp. 993 - 995. 10/2013. ISSN 1399-3003
- Isabel Blanco; Salud Santos; Joaquín Gea; Rosa Güell; Ferran Torres; Elena Gimeno-Santos; Diego A Rodriguez; Jordi Vilaró; Begona Gómez; Josep Roca; Joan Albert Barberà. Sildenafil to improve respiratory rehabilitation outcomes in COPD: a controlled trial. *Eur Respir J*. 42 - 4, pp. 982 - 1074. 10/2013. ISSN 1399-3003
- Xavier Freixa; Karina Portillo; Carles Paré; Judith Garcia Aymerich; Federico P Gomez; Marta Benet; Josep Roca; Eva Farrero; Jaume Ferrer; Carlos Fernandez Palomeque; Josep M Antó; Joan Albert Barberà; PAC-COPD Study Investigators. Echocardiographic abnormalities in patients with COPD at their first hospital admission. *Eur Respir J*. 41 - 4, pp. 784 - 875. (Suïça): 04/2013. ISSN 1399-3003
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- Jordi de Batlle; Michelle Mendez; Isabelle Romieu; Eva Balcells; Marta Benet; David Donaire Gonzalez; Jaume J Ferrer; Mauricio Orozco Levi; Josep M Antó; Judith Garcia Aymerich; PAC-COPD Study Group. Cured meat consumption increases risk of readmission in COPD patients. *Eur Respir J*. 40 - 3, pp. 555 - 615. (Suïça): 09/2012 ISSN 1399-3003
- Alicia Marin; Judith Garcia Aymerich; Jaume Sauleda; Jose Belda; Laura Millares; Marian García Núñez; Ignasi Serra; Marta Benet; Alvar Agustí; Josep M Antó; Eduard Monsó; PAC-

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- David Donaire Gonzalez; Elena Gimeno-Santos; Ignasi Serra; Josep Roca; Eva Balcells; Esther Rodríguez; Eva Farrero; Josep M Antó; Judith Garcia Aymerich. Validation of the Yale Physical Activity Survey in chronic obstructive pulmonary disease patients. *Arch Bronconeumol*. 47 - 11, pp. 552 - 612. (España): 11/2011. ISSN 1579-2129
 - Judith Garcia Aymerich; Federico P Gómez; Marta Benet; Eva Farrero; Xavier Basagaña; Àngel Gayete; Carles Paré; Xavier Freixa; Jaume Ferrer; Antoni Ferrer; Josep Roca; Juan B Gáldiz; Jaume Sauleda; Eduard Monsó; Joaquim Gea; Joan A Barberà; Àlvar Agustí; Josep M Antó; PAC-COPD Study Group. Identification and prospective validation of clinically relevant chronic obstructive pulmonary disease (COPD) subtypes. *Thorax*. 66 - 5, pp. 430 - 437. 05/2011. ISSN 1468-3296
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 - Isabel Blanco; Elena Gimeno; Phillip A Munoz; Sandra Pizarro; Concepción Gistau; Robert Rodríguez Roisin; Josep Roca; Joan Albert Barberà. Hemodynamic and gas exchange effects of sildenafil in patients with chronic obstructive pulmonary disease and pulmonary hypertension. *Am J Resp Crit Care*. 181 - 3, pp. 270 - 278. 02/2010. ISSN 1535-4970
 - Eva Balcells; Josep M Antó; Joaquim Gea; Federico P Gómez; Esther Rodríguez; Alicia Marin; Antoni Ferrer; Jordi de Batlle; Eva Farrero; Marta Benet; Mauricio Orozco Levi; Jaume Ferrer; Alvar G Agustí; Juan B Gáldiz; José Belda; Judith Garcia Aymerich. Characteristics of patients admitted for the first time for COPD exacerbation. *Resp Med*. 103 - 9, pp. 1293 - 1595. 09/2009. ISSN 1532-3064
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 - Mariona Pinart; Richard Albang; Dieter Maier; Enric Duran Tauleria; Guillermo Mena; Elena Gimeno-Santos; Ivan Solà; Judith Garcia Aymerich; Stefano Guerra; Renato T Stein; Marta Benet; Kai-Håkon Carlsen; Marie Herr; Bénédicte Jacquemin; Isabelle Momas; Isabelle Pin; Fanny Rancière; Henriëtte A Smit; Raphaëlle Varraso; Xavier Bonfill; Thomas Keil; Jean Bousquet; Josep M Antó. Systematic Review on the Definition of Allergic Diseases in Children: The MeDALL Study. *Int Arch Allergy Imm*. 168 - 2, pp. 110 - 131. (Suiza): 11/2015. ISSN 1423-0097
 - Henrik Watz; Fabio Pitta; Carolyn L Rochester; Judith Garcia Aymerich; Richard ZuWallack; Thierry Troosters; Anouk W Vaes; Milo A Puhan; Melissa Jehn; Michael I Polkey; Ioannis Vogiatzis; Enrico M Clini; Michael Toth; Elena Gimeno-Santos; Benjamin Waschki; Cristobal

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- Elena Gimeno-Santos; Anja Frei; Claudia Steurer Stey; Jordi de Batlle; Roberto A Rabinovich; Yogini Raste; Nicholas S Hopkinson; Michael I Polkey; Hans van Remoortel; Thierry Troosters; Karoly Kulich; Niklas Karlsson; Milo A Puhon; Judith Garcia Aymerich; PROactive consortium. Determinants and outcomes of physical activity in patients with COPD: a systematic review. *Thorax.* 69 - 8, pp. 731 - 740. 08/2014. ISSN 1468-3296
 - J Bousquet; J M Anto; P Demoly; H J Schünemann; A Togias; M Akdis; C Auffray; C Bachert; T Bieber; P J Bousquet; K H Carlsen; T B Casale; A A Cruz; T Keil; K C Lodrup Carlsen; M Maurer; K Ohta; N G Papadopoulos; M Roman Rodriguez; B Samolinski; I Agache; A Andrianarisoa; C S Ang; I Annesi Maesano; F Ballester; C E Baena Cagnani; X Basagaña; E D Bateman; E H Bel; A Bedbrook; B Beghé; M Beji; A Ben Kheder; M Benet; KS Bennoor; K C Bergmann; F Berrissoul; C Bindslev Jensen; E R Bleecker; S Bonini; A L Boner; L P Boulet; CE Brightling; J L Brozek; A Bush; W W Busse; P A M Camargos; G W Canonica; W Carr; A Cesario; Y Z Chen; A M Chiriac; D J Costa; L Cox; A Custovic; R Dahl; U Darsow; T Didi; W K Dolen; H Douagui; R Dubakienė; A El Meziane; J A Fonseca; W J Fokkens; E Fthenou; A Gamkrelidze; J Garcia Aymerich; R Gerth van Wijk; E Gimeno-Santos; S Guerra; T Haahtela; H Haddad; P W Hellings; B Hellquist Dahl; C Hohmann; P Howarth; J O Hourihane; M Humbert; B Jacquemin; J Just; O Kalayci; M A Kaliner; F Kauffmann; M Kerkhof; G Khayat; B Koffi N'Goran; M Kogevinas; G H Koppelman; M L Kowalski; I Kull; P Kuna; D Larenas; I Lavi; L T Le; P Lieberman; B Lipworth; B Mahboub; M J Makela; F Martin; F D Martinez; G D Marshall; A Mazon; E Melen; E O Meltzer; F Mihaltan; Y Mohammad; A Mohammadi; I Momas; M Morais Almeida; J Mullol; A Muraro; R Naclerio; S Nafti; L Namazova Baranova; M C Nawijn; T D Nyembue; S Oddie; R E O'Hehir; Y Okamoto; M P Orru; C Ozdemir; G S Ouedraogo; S Palkonen; P Panzner; G Passalacqua; R Pawankar; B Pigearias; I Pin; M Pinart; C Pison; T A Popov; D Porta; D S Postma; D Price; K F Rabe; J Ratomaharo; S Reitamo; D Rezagui; J Ring; R Roberts; J Roca; B Rogala; A Romano; J Rosado Pinto; D Ryan; M Sanchez Borges; G K Scadding; A Sheikh; F E R Simons; V Siroux; P D Schmid Grendelmeier; H A Smit; T Sooronbaev; R T Stein; P J Sterk; J Sunyer; I Terreehorst; E Toskala; Y Tremblay; R Valenta; D Valeyre; O Vandenplas; C van Weel; M Vassilaki; R Varraso; G Viegi; D Y Wang; M Wickman; D Williams; S Wöhr; J Wright; A Yorgancioglu; O M Yusuf; H J Zar; M E Zernotti; M Zidarn; N Zhong; T Zuberbier. Severe chronic allergic (and related) diseases: a uniform approach—a MedALL--GA2LEN--ARIA position paper. *Int Arch Allergy Imm.* 158 - 3, pp. 216 - 247. (Suiza): 07/2012. ISSN 1423-0097
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 - Josep M Antó; Mariona Pinart; Mübeccel Akdis; Charles Auffray; Claus Bachert; Xavier Basagaña; Kai-Håkon Carlsen; Stefano Guerra; Leena von Hertzen; Sabina Illi; Francine Kauffmann; Thomas Keil; James P Kiley; Gerard H Koppelman; Christian Lupinek; Fernando D Martinez; Martijn C Nawijn; Dirkje S Postma; Valérie Siroux; Henriette A Smit; Peter J Sterk; Jordi Sunyer; Rudolf Valenta; Sergio Valverde; Cezmi A Akdis; Isabella Annesi Maesano; Ferran Ballester; Marta Benet; Anne Cambon Thomsen; Leda Chatzi; Jonathan Coquet; Pascal Demoly; Weiniu Gan; Judith Garcia Aymerich; Elena Gimeno-Santos; Chantal Guihenneuc Jouaux; Tari Haahtela; Joachim Heinrich; Marie Herr; Cynthia Hohmann;

- Bénédicte Jacquemin; Jocelyne Just; Marjan Kerkhof; Manolis Kogevinas; Marek L Kowalski; Bart N Lambrecht; Susanne Lau; Karin C Lødrup Carlsen; Dieter Maier; Isabelle Momas; Patricia Noel; Sam Oddie; Susanna Palkonen; Isabelle Pin; Daniela Porta; Antonello Punturieri; Fanny Rancière; Robert A Smith; Barbara Stanic; Renato T Stein; Willem van de Veen; Antoon J M van Oosterhout; Raphaelle Varraso; Magnus Wickman; Cisca Wijmenga; John Wright; Gorkem Yaman; Torsten Zuberbier; Jean Bousquet. Understanding the complexity of IgE-related phenotypes from childhood to young adulthood: a Mechanisms of the Development of Allergy (MeDALL) seminar. *J Allergy Clin Immun.* 129 - 4, pp. 943. 04/2012. ISSN 1097-6825
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 - Elena Gimeno-Santos; Anja Frei; Fabienne Dobbels; Katja Rüdell; Milo A Puhan; Judith Garcia Aymerich; PROactive consortium. Validity of instruments to measure physical activity may be questionable due to a lack of conceptual frameworks: a systematic review. *Health Qual Life Out.* 9, pp. 86. 10/2011. ISSN 1477-7525
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