

**RESEARCH GROUP BACKGROUND AND ACCOMPLISHMENTS  
ENVIRONMENT AND HEALTH**

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**2014-2019**

**ENVIRONMENT AND HEALTH**

**Joint Unit for Research in Epidemiology and Environment and Health FISABIO-  
Universitat Jaume I-Universitat de València**

## **CURRENT MEMBERS OF THE RESEARCH AREA**

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## **RECORD OF THE RESEARCH AREA (Period 2014-2019)**

### **GROUP ACTIVITIES**

Evaluating the Impact of Different Environmental Risks on Health by measuring the degree of exposure to the risks, the development of biological markers and the relationship between these factors and the incidence of different pathologies. This impact is evaluated from different perspectives, from environmental pollution (through exposure biomarkers) to climate change (heat waves and cold snaps), and the impact of certain technologies that affect the environment (mobile telephones, high voltage power lines, etc.).

### **LINES OF RESEARCH**

1. Childhood and the environment
2. Atmospheric pollution and health
3. Weather and climate

## CURRENT COLLABORATIONS WITH OTHER RESEARCH GROUPS

### Valencian Community:

With other areas of Centro Superior de Investigación en Salud Pública (CSISP):  
Área de Desigualdades en Salud: Proyecto MEDEA 2 y proyecto europeo PHASE.

Área de Enfermedades Raras: Proyecto EUROCAT y proyecto europeo PHASE.

Área de Seguridad Alimentaria y Laboratorio de Salud Pública de la Dirección General de Salud Pública (DGSP): study of the effects of prenatal and postnatal exposure to environmental toxins in the subsequent neurodevelopmental.

Área de Genómica y Salud: study of gene-environment interaction and its effects on fetal health and child.

Grupo Investigador de la Plataforma de Seguridad Alimentaria

With other services of la Dirección General de Salud Pública (DGSP):

Servicio de Salud de la Mujer y del Niño

Unidad de Sanidad Ambiental del Área de Epidemiología

Universidad Miguel Hernández

Universidad de Alicante: Proyecto MEDEA 2.

Universitat de València

Centro de Estudios Ambientales del Mediterráneo (CEAM)

### National:

Proyecto INMA

Proyecto MEDEA

Instituto Sindical de Trabajo, Ambiente y Salud (ISTAS)

Facultad de Ciencias de la Salud. Universidad Rey Juan Carlos de Madrid.

Servicio Canario de Salud.

Instituto Municipal de Investigación Médica (IMIM). y la Universidad Autónoma de Barcelona.

Centro Nacional de Epidemiología

Centro Jaume Almera del Centro Superior de Investigaciones Científicas de Barcelona

Grupos 6 y 41 del CIBER de Epidemiología y Salud Pública del Instituto de Salud Carlos III

### International:

Aphekom, led by Sylvia Medina of Instituto de Salud Publica de Francia

Enrieco, led by Martine Vrijheid and Mark Nieuwenhuijsen of Centre de Recerca en Epidemiología Ambiental (CREAL) de Barcelona

ESCAPE, led by Bert Brunnekref of IRAS de Utrech

PHASE, led by Paola de l'Michelozzi of l'Agencia de Sanità de Roma

## **SCIENTIFIC/TECHNICAL RECORD**

### **■ 1. Research projects funded**

1. 2012-2015. Beca PFIS. Entidad financiadora: MINECO (ISCIII). Número de referencia: FI12/00610. IP: Amparo Ferrero. Importe: 1.300,00 Euros/mes. Periodo beca (24 meses). 27.000,00 Euros/anual. Periodo contrato (24 meses).
2. 2012-2014. Prenatal and Postnatal exposure assessment to environmental pollutants and its effects on neurodevelopment in children in prospective mother-child cohorts in Europe. Entidad financiadora: FIS (ISCIII). Número de referencia: PI11/02038. IP: Marisa Rebagliato. Importe: 113.685,55 Euros.
3. 2012-2014. Contaminación atmosférica incluyendo partículas ultrafinas en el interior y salud respiratoria y alergia infantil en el proyecto INMA. Entidad financiadora: FIS (ISCIII) . Número de referencia: PI11/02591. IP: Carmen Iñiguez. Importe: 88.891,44 Euros.
4. 2012-2014. DENAMIC – Developmental Neurotoxicity Assessment of Mixtures in Children. Entidad financiadora: Comisión Europea. Número de referencia: FP7-ENV.2011.1.2.-1. IP del proyecto internacional: P. Leonard. IP: Marisa Rebagliato. Importe: 463.472,00 Euros.
5. 2012-2014. Influence of prenatal exposure to endocrine disrupters in child's cognitive function and the intermediate role of epigenetic. Número de referencia: CP11/00178. IP: María José López Espinosa. Importe: 121.000,00 Euros.
6. 2011-2014. Mechanisms of the Development of Allergy (Medall). Entidad financiadora: European Commission's. 7<sup>th</sup> Framework programme. Número de referencia: 261357. IP: J. Bousquet. Codirector: Josep M<sup>a</sup> Antó. Coordinador WP3: Jordi Sunyer. Coordinador en Valencia: Ferran Ballester. Importe: contratación 1 persona trabajo de campo y material fungible.

### **2. Participation in research contracts with companies or administrators.**

1. Informe elaborado para el “Acuerdo de Encomienda de Gestión firmado entre el Ministerio de Medio Ambiente y el Instituto de Salud Carlos III, para la investigación sobre la presencia y vigilancia de contaminantes orgánicos persistentes y otras sustancias en humanos”, según el acuerdo de colaboración entre el Instituto de Salud Carlos III y el Centro Superior de Investigación en Salud Pública (DOCV 6198/03.02.2010)  
**Elaboración:** Sabrina Llop  
**Dirección:** Ferran Ballester  
**Colaboración:** Adonina Tardón, Jesús Ibarluzea, Maties Torrent, Marieta Fernández, Mònica Guxens, Mario Murcia, Xabier Aguinagalde, Ascensión Amurrio, Jordi Sunyer en representación del proyecto INMA

### 3. Publications

#### YEAR 2019

1. Amoros R, Murcia M, Gonzalez L, Soler-Blasco R, Rebagliato M, Iniguez C, Carrasco P, Vioque J, Broberg K, Levi M, Lopez-Espinosa MJ, Ballester F, Llop S. Maternal copper status and neuropsychological development in infants and preschool children. *Int J Hyg Environ Health*. 2019.· DOI: [10.1016/j.ijheh.2019.01.007](<http://dx.doi.org/10.1016/j.ijheh.2019.01.007>)
2. Demontis D, Walters RK, Martin J, Mattheisen M, Als TD, Agerbo E, Baldursson G, Belliveau R, Bybjerg-Grauholm J, Baekvad-Hansen M, Cerrato F, Chambert K, Churchhouse C, Dumont A, Eriksson N, Gandal M, Goldstein JI, Grasby KL, Grove J, Gudmundsson OO, Hansen CS, Hauberg ME, Hollegaard MV, Howrigan DP, Huang H, Maller JB, Martin AR, Martin NG, Moran J, Pallesen J, Palmer DS, Pedersen CB, Pedersen MG, Poterba T, Poulsen JB, Ripke S, Robinson EB, Satterstrom FK, Stefansson H, Stevens C, Turley P, Walters GB, Won H, Wright MJ, Consortium AWGotPG, Early L, Genetic Epidemiology C, and Me Research T, Andreassen OA, Asherson P, Burton CL, Boomsma DI, Cormand B, Dalsgaard S, Franke B, Gelernter J, Geschwind D, Hakonarson H, Haavik J, Kranzler HR, Kuntsi J, Langley K, Lesch KP, Middeldorp C, Reif A, Rohde LA, Roussos P, Schachar R, Sklar P, Sonuga-Barke EJS, Sullivan PF, Thapar A, Tung JY, Waldman ID, Medland SE, Stefansson K, Nordentoft M, Hougaard DM, Werge T, Mors O, Mortensen PB, Daly MJ, Faraone SV, Borglum AD, Neale BM. Discovery of the first genome-wide significant risk loci for attention deficit/hyperactivity disorder. *Nat Genet*. 2019;51(1):63-75.· DOI: [10.1038/s41588-018-0269-7](<http://dx.doi.org/10.1038/s41588-018-0269-7>)
3. Dineva M, Rayman MP, Levie D, Guxens M, Peeters RP, Vioque J, Gonzalez L, Espada M, Ibarluzea J, Sunyer J, Korevaar TIM, Bath SC. Similarities and differences of dietary and other determinants of iodine status in pregnant women from three European birth cohorts. *Eur J Nutr*. 2019.· DOI: [10.1007/s00394-019-01913-w](<http://dx.doi.org/10.1007/s00394-019-01913-w>)
4. Fernandez-Barres S, Vrijheid M, Manzano-Salgado CB, Valvi D, Martinez D, Iniguez C, Jimenez-Zabala A, Riano-Galan I, Navarrete-Munoz EM, Santa-Marina L, Tardon A, Vioque J, Arija V, Sunyer J, Romaguera D, Infancia y Medio Ambiente P. The Association of Mediterranean Diet during Pregnancy with Longitudinal Body Mass Index Trajectories and Cardiometabolic Risk in Early Childhood. *J Pediatr*. 2019;206:119-27 e6.· DOI: [10.1016/j.jpeds.2018.10.005](<http://dx.doi.org/10.1016/j.jpeds.2018.10.005>)
5. Ferrer M, Garcia-Esteban R, Iniguez C, Costa O, Fernandez-Somoano A, Rodriguez-Delhi C, Ibarluzea J, Lertxundi A, Tonne C, Sunyer J, Julvez J. Head circumference and child ADHD symptoms and cognitive functioning: results from a large population-based cohort study. *Eur Child Adolesc Psychiatry*. 2019;28(3):377-88.· DOI: [10.1007/s00787-018-1202-4](<http://dx.doi.org/10.1007/s00787-018-1202-4>)

6. Freire C, Amaya E, Gil F, Murcia M, S LL, Casas M, Vrijheid M, Lertxundi A, Irizar A, Fernandez-Tardon G, Castro-Delgado RV, Olea N, Fernandez MF, Project I. Placental metal concentrations and birth outcomes: The Environment and Childhood (INMA) project. *Int J Hyg Environ Health*. 2019. DOI: [10.1016/j.ijheh.2018.12.014](<http://dx.doi.org/10.1016/j.ijheh.2018.12.014>)
7. Gallego-Vinas G, Ballester F, Llop S. Chronic mercury exposure and blood pressure in children and adolescents: a systematic review. *Environ Sci Pollut Res Int*. 2019;26(3):2238-52. DOI: [10.1007/s11356-018-3796-y](<http://dx.doi.org/10.1007/s11356-018-3796-y>)
8. Sera F, Armstrong B, Tobias A, Vicedo-Cabrera AM, Astrom C, Bell ML, Chen BY, de Sousa Zanotti Stagliorio Coelho M, Matus Correa P, Cruz JC, Dang TN, Hurtado-Diaz M, Do Van D, Forsberg B, Guo YL, Guo Y, Hashizume M, Honda Y, Iniguez C, Jaakkola JJK, Kan H, Kim H, Lavigne E, Michelozzi P, Ortega NV, Osorio S, Pascal M, Ragettli MS, Ryti NRI, Saldiva PHN, Schwartz J, Scortichini M, Seposo X, Tong S, Zanobetti A, Gasparrini A. How urban characteristics affect vulnerability to heat and cold: a multi-country analysis. *Int J Epidemiol*. 2019. DOI: [10.1093/ije/dyz008](<http://dx.doi.org/10.1093/ije/dyz008>)

## YEAR 2018

1. Amoros R, Murcia M, Ballester F, Broberg K, Iniguez C, Rebagliato M, Skroder H, Gonzalez L, Lopez-Espinosa MJ, Llop S. Selenium status during pregnancy: Influential factors and effects on neuropsychological development among Spanish infants. *Sci Total Environ*. 2018;610-611:741-9. DOI: [10.1016/j.scitotenv.2017.08.042](<http://dx.doi.org/10.1016/j.scitotenv.2017.08.042>)
2. Amoros R, Murcia M, Gonzalez L, Rebagliato M, Iniguez C, Lopez-Espinosa MJ, Vioque J, Broberg K, Ballester F, Llop S. Maternal selenium status and neuropsychological development in Spanish preschool children. *Environ Res*. 2018;166:215-22. DOI: [10.1016/j.envres.2018.06.002](<http://dx.doi.org/10.1016/j.envres.2018.06.002>)
3. Analitis A, De' Donato F, Scortichini M, Lanki T, Basagana X, Ballester F, Astrom C, Paldy A, Pascal M, Gasparrini A, Michelozzi P, Katsouyanni K. Synergistic Effects of Ambient Temperature and Air Pollution on Health in Europe: Results from the PHASE Project. *Int J Environ Res Public Health*. 2018;15(9). DOI: [10.3390/ijerph15091856](<http://dx.doi.org/10.3390/ijerph15091856>)
4. Arizo-Luque V, Garcia AM, Estarlich M, Ballester F, Fernandez-Tardon G, Tardon A, Guxens M, Vrijheid M, Lertxundi A, Santa-Marina L, Ronda-Perez E. [Effect of employment and domestic load on fetal development and

length of gestation in a birth cohort study]. Rev Esp Salud Publica.

2018;92.-. Available from:

[<https://www.ncbi.nlm.nih.gov/pubmed/30106066>](<https://www.ncbi.nlm.nih.gov/pubmed/30106066>)

5. Ballester F, Iniguez C, Murcia M, Guxens M, Basterretxea M, Rebagliato M, Vioque J, Lertxundi A, Fernandez-Somoano A, Tardon A, Sunyer J, Llop S. Prenatal exposure to mercury and longitudinally assessed fetal growth: Relation and effect modifiers. Environ Res. 2018;160:97-106. DOI: [10.1016/j.envres.2017.09.018](<http://dx.doi.org/10.1016/j.envres.2017.09.018>)
6. Birks LE, Struchen B, Eeftens M, van Wel L, Huss A, Gajsek P, Kheifets L, Gallastegi M, Dalmau-Bueno A, Estarlich M, Fernandez MF, Meder IK, Ferrero A, Jimenez-Zabala A, Torrent M, Vrijkotte TGM, Cardis E, Olsen J, Valic B, Vermeulen R, Vrijheid M, Roosli M, Guxens M. Spatial and temporal variability of personal environmental exposure to radio frequency electromagnetic fields in children in Europe. Environ Int. 2018;117:204-14. DOI: [10.1016/j.envint.2018.04.026](<http://dx.doi.org/10.1016/j.envint.2018.04.026>)
7. Castilla AM, Murcia M, Arrizabalaga JJ, Espada M, Julvez J, Basterrechea M, Alvarez-Pedrerol M, Estarlich M, Moreno E, Guxens M, Vioque J, Rebagliato M. Comparison of urinary iodine levels in women of childbearing age during and after pregnancy. Eur J Nutr. 2018;57(5):1807-16. DOI: [10.1007/s00394-017-1465-4](<http://dx.doi.org/10.1007/s00394-017-1465-4>)
8. Contreras ZA, Chen Z, Roumeliotaki T, Annesi-Maesano I, Baiz N, von Berg A, Bergstrom A, Crozier S, Duijts L, Ekstrom S, Eller E, Fantini MP, Kjaer HF, Forastiere F, Gerhard B, Gori D, Harskamp-van Ginkel MW, Heinrich J, Iniguez C, Inskip H, Keil T, Kogevinas M, Lau S, Lehmann I, Maier D, van Meel ER, Mommers M, Murcia M, Porta D, Smit HA, Standl M, Stratakis N, Sunyer J, Thijs C, Torrent M, Vrijkotte TGM, Wijga AH, Berhane K, Gilliland F, Chatzi L. Does early onset asthma increase childhood obesity risk? A pooled analysis of 16 European cohorts. Eur Respir J. 2018;52(3). DOI: [10.1183/13993003.00504-2018](<http://dx.doi.org/10.1183/13993003.00504-2018>)
9. Eeftens M, Struchen B, Birks LE, Cardis E, Estarlich M, Fernandez MF, Gajsek P, Gallastegi M, Huss A, Kheifets L, Meder IK, Olsen J, Torrent M, Trcek T, Valic B, Vermeulen R, Vrijheid M, van Wel L, Guxens M, Roosli M. Personal exposure to radio-frequency electromagnetic fields in Europe: Is there a generation gap? Environ Int. 2018;121(Pt 1):216-26. DOI: [10.1016/j.envint.2018.09.002](<http://dx.doi.org/10.1016/j.envint.2018.09.002>)
10. Forns J, Stigum H, Hoyer BB, Sioen I, Sovcikova E, Nowack N, Lopez-Espinosa MJ, Guxens M, Ibarluzea J, Torrent M, Wittsiepe J, Govarts E, Trnovec T, Chevrier C, Toft G, Vrijheid M, Iszatt N, Eggesbo M. Prenatal and postnatal exposure to persistent organic pollutants and attention-deficit and hyperactivity disorder: a pooled analysis of seven European birth cohort



studies. *Int J Epidemiol.* 2018;47(4):1082-97. · DOI:  
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11. Forns J, Sunyer J, Garcia-Esteban R, Porta D, Ghassabian A, Giorgis-Allemand L, Gong T, Gehring U, Sorensen M, Standl M, Sugiri D, Almqvist C, Andiarena A, Badaloni C, Beelen R, Berdel D, Cesaroni G, Charles MA, Eriksen KT, Estarlich M, Fernandez MF, Forhan A, Jaddoe VVW, Korek M, Lichtenstein P, Lertxundi A, Lopez-Espinosa MJ, Markevych I, de Nazelle A, Raaschou-Nielsen O, Nieuwenhuijsen M, Perez-Lobato R, Philippat C, Slama R, Tiesler CMT, Verhulst FC, von Berg A, Vrijkkotte T, Nybo Andersen AM, Heude B, Kramer U, Heinrich J, Tiemeier H, Forastiere F, Pershagen G, Brunekreef B, Guxens M. Air Pollution Exposure During Pregnancy and Symptoms of Attention Deficit and Hyperactivity Disorder in Children in Europe. *Epidemiology.* 2018;29(5):618-26. · DOI:  
[10.1097/EDE.0000000000000874](<http://dx.doi.org/10.1097/EDE.0000000000000874>)
12. Freire C, Amaya E, Gil F, Fernandez MF, Murcia M, Llop S, Andiarena A, Aurekoetxea J, Bustamante M, Guxens M, Ezama E, Fernandez-Tardon G, Olea N, Project I. Prenatal co-exposure to neurotoxic metals and neurodevelopment in preschool children: The Environment and Childhood (INMA) Project. *Sci Total Environ.* 2018;621:340-51. · DOI:  
[10.1016/j.scitotenv.2017.11.273](<http://dx.doi.org/10.1016/j.scitotenv.2017.11.273>)
13. Gonzalez L, Cortes-Sancho R, Murcia M, Ballester F, Rebagliato M, Rodriguez-Bernal CL. The role of parental social class, education and unemployment on child cognitive development. *Gac Sanit.* 2018. · DOI:  
[10.1016/j.gaceta.2018.07.014](<http://dx.doi.org/10.1016/j.gaceta.2018.07.014>)
14. Govarts E, Iszatt N, Trnovec T, de Cock M, Eggesbo M, Palkovicova Murinova L, van de Bor M, Guxens M, Chevrier C, Koppen G, Lamoree M, Hertz-Picciotto I, Lopez-Espinosa MJ, Lertxundi A, Grimalt JO, Torrent M, Goni-Irigoyen F, Vermeulen R, Legler J, Schoeters G. Prenatal exposure to endocrine disrupting chemicals and risk of being born small for gestational age: Pooled analysis of seven European birth cohorts. *Environ Int.* 2018;115:267-78. · DOI:  
[10.1016/j.envint.2018.03.017](<http://dx.doi.org/10.1016/j.envint.2018.03.017>)
15. Gutierrez Oyarce A, Ferrero A, Estarlich M, Esplugues A, Iniguez C, Ballester F. [Exposure to nitrogen dioxide and respiratory health at 2 years in the INMA-Valencia cohort]. *Gac Sanit.* 2018;32(6):507-12. · DOI:  
[10.1016/j.gaceta.2017.05.012](<http://dx.doi.org/10.1016/j.gaceta.2017.05.012>)
16. Levie D, Korevaar TIM, Bath SC, Dalmau-Bueno A, Murcia M, Espada M, Dineva M, Ibarluzea JM, Sunyer J, Tiemeier H, Rebagliato M, Rayman MP, Peeters RP, Guxens M. Thyroid Function in Early Pregnancy, Child IQ, and Autistic Traits: A Meta-Analysis of Individual Participant Data. *J Clin Endocrinol Metab.* 2018;103(8):2967-79. · DOI: [10.1210/jc.2018-00224](<http://dx.doi.org/10.1210/jc.2018-00224>)



17. Maitre L, de Bont J, Casas M, Robinson O, Aasvang GM, Agier L, Andrusaityte S, Ballester F, Basagana X, Borrás E, Brochot C, Bustamante M, Carracedo A, de Castro M, Dedele A, Donaire-Gonzalez D, Estivill X, Evandt J, Fossati S, Giorgis-Allemand L, J RG, Granum B, Grazuleviciene R, Bjerve Gutzkow K, Smastuen Haug L, Hernandez-Ferrer C, Heude B, Ibarluzea J, Julvez J, Karachaliou M, Keun HC, Hjertager Krog N, Lau CE, Leventakou V, Lyon-Caen S, Manzano C, Mason D, McEachan R, Meltzer HM, Petraviciene I, Quentin J, Roumeliotaki T, Sabido E, Saulnier PJ, Siskos AP, Siroux V, Sunyer J, Tamayo I, Urquiza J, Vafeiadi M, van Gent D, Vives-Usano M, Waiblinger D, Warembourg C, Chatzi L, Coen M, van den Hazel P, Nieuwenhuijsen MJ, Slama R, Thomsen C, Wright J, Vrijheid M. Human Early Life Exposome (HELIX) study: a European population-based exposome cohort. *BMJ Open*. 2018;8(9):e021311. DOI: [10.1136/bmjopen-2017-021311](<http://dx.doi.org/10.1136/bmjopen-2017-021311>)
18. Montazeri P, Vrijheid M, Martinez D, Basterrechea M, Fernandez-Somoano A, Guxens M, Iniguez C, Lertxundi A, Murcia M, Tardon A, Sunyer J, Valvi D. Maternal Metabolic Health Parameters During Pregnancy in Relation to Early Childhood BMI Trajectories. *Obesity (Silver Spring)*. 2018;26(3):588-96. DOI: [10.1002/oby.22095](<http://dx.doi.org/10.1002/oby.22095>)
19. Murcia M, Espada M, Julvez J, Llop S, Lopez-Espinosa MJ, Vioque J, Basterrechea M, Riano I, Gonzalez L, Alvarez-Pedrerol M, Tardon A, Ibarluzea J, Rebagliato M. Iodine intake from supplements and diet during pregnancy and child cognitive and motor development: the INMA Mother and Child Cohort Study. *J Epidemiol Community Health*. 2018;72(3):216-22. DOI: [10.1136/jech-2017-209830](<http://dx.doi.org/10.1136/jech-2017-209830>)
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## YEAR 2014

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Flexeder C, Tiesler CM, Murray CS, Simpson A, Magnus P, Sengpiel V, Hartikainen AL, Keinanen-Kiukaanniemi S, Lewin A, Da Silva Couto Alves A, Blakemore AI, Buxton JL, Kaakinen M, Rodriguez A, Sebert S, Vaarasmaki M, Lakka T, Lindi V, Gehring U, Postma DS, Ang W, Newnham JP, Lyytikainen LP, Pahkala K, Raitakari OT, Panoutsopoulou K, Zeggini E, Boomsma DI, Groen-Blokhuis M, Ilonen J, Franke L, Hirschhorn JN, Pers TH, Liang L, Huang J, Hocher B, Knip M, Saw SM, Holloway JW, Melen E, Grant SF, Feenstra B, Lowe WL, Widen E, Sergeev E, Grallert H, Custovic A, Jacobsson B, Jarvelin MR, Atalay M, Koppelman GH, Pennell CE, Niinikoski H, Dedoussis GV, McCarthy MI, Frayling TM, Sunyer J, Timpson NJ, Rivadeneira F, Bonnelykke K, Jaddoe VW. A novel common variant in DCST2 is associated with length in early life and height in adulthood. *Hum Mol Genet.* 2014.· DOI: [10.1093/hmg/ddu510](<http://dx.doi.org/10.1093/hmg/ddu510>)

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### 3. Participation in education and training programs.

Participación en la docencia y coordinación de:

- Master de Salud Pública (módulo de protección de la salud), impartido en la Escuela Valenciana de Estudios en Salud (EVES). Nº horas: 700. Ediciones 2005-2010
- Diplomado en Sanidad, impartido en la EVES. Nº horas curso: 250. Ediciones 2005-2010
- Diplomado de farmacéuticos en Salud Pública, impartido en la EVES. Nº horas curso:250. Ediciones 2005-2010
- Modulo de Salud Infantil y Medio ambiente. Master de Salud Pública UMH. 2007-continua
- Tema: Epidemiología: Master de Atención sociosanitaria a la dependencia. Universitat de Valencia. 2008-2010

Participación en la docencia de

- Diploma básico de metodología de investigación (DIBI), impartido en la EVES.

Nº horas: 200. Edición 2010

## 5. Doctoral theses.

Fecha: 14/09/2017

Título: Adecuación de la ingesta de yodo durante el embarazo, función tiroidea materna y desarrollo neuropsicológico del niño al año de edad.

Doctorando: Mario Murcia Hinarejos.

Director/es: Dra. Maria Luisa Rebagliato, Dr. Jesús Vioque.

Universidad: Universidad Miguel Hernández.

Calificación: Sobresaliente Cum Laude.

Fecha: 21/07/2017

Título: Exposición pre y postnatal a contaminación atmosférica y su relación con la salud respiratoria en la infancia.

Doctorando: Amparo Ferrero Sanchis.

Director/es: Dr. Ferran Ballester, Dra. Carmen Iñiguez, Dra. Ana Esplugues.

Universidad: Universitat de València.

Calificación: Sobresaliente Cum Laude.

Fecha: 24/02/2017

Título: Propiedades psicométricas del test de Fagerström con dos preguntas reformuladas.

Doctorando: Marisa Estarlich Estarlich.

Director/es: Dr. Ferran Ballester, Dra. Carmen Iñiguez.

Universidad: Universidad Miguel Hernández.

Calificación: Sobresaliente Cum Laude.

Fecha: 25/01/2016

Título: Buenas prácticas en la valoración pericial de personas que sobreviven a la violencia sexual.

Doctorando: Jorge González Fernández

Director/es: Dra. Begoña Martínez Jarreta, Dr. José M.<sup>a</sup> Tenías Burillo

Universidad: Universidad de Zaragoza

Calificación: Sobresaliente Cum Laude

Fecha: 27/06/2016

Título: [Riesgo cardiovascular asociado al consumo de antiinflamatorios no esteroideos]

Doctorando: José Luis Sánchez Serrano

Director/es: Dr. José M.<sup>a</sup> Tenías Burillo

Universidad: Universidad de Granada

Calificación: Sobresaliente Cum Laude

Fecha:

09/03/2015

Título: Propiedades psicométricas del test de Fagerström con dos preguntas reformuladas.

Doctorando: Javier Mataix Sancho.

Director/es: Dr. José María Tenías Burillo.

Universidad: Universidad Miguel Hernández.

Calificación: Sobresaliente Cum Laude.

Fecha: 22/05/2015

Título: Concordancia e intercambiabilidad de resultados de dos métodos de medición para la elección de la potencia refractiva de las lentes intraoculares en cirugía de cataratas

Doctorando: María José Martín Serrano.

Director/es: Dr. José María Tenías Burillo.

Universidad: Universidad CEU - Cardenal Herrera de Valencia.

Calificación: Sobresaliente Cum Laude.

Fecha: 18/12/2015

Título : Medición objetiva y percepción subjetiva de los niveles de actividad física en una muestra de niños escolares

Doctorando: Esther Ballester Asensio.

Director/es: Dr. José María Tenías Burillo, Dra. Pilar Codoñer Franch.

Universidad: Universitat de València.

Calificación: Sobresaliente Cum Laude.

Fecha: 18/12/2015

Título: Estudio experimental del uso de Lactobacillus reuteri DSM 17938 y ATCC PTA 5289 sobre índices de salud bucodental en una población escolar

Doctorando: Carla Borell García.

Director/es: Dr. José María Tenías Burillo, Dra. Marta Ribelles Llop, Dra. M<sup>a</sup> Ángeles García Esparza.

Universidad: Universidad CEU - Cardenal Herrera de Valencia.

Calificación: Sobresaliente Cum Laude.

Fecha: 2014

Título: Calidad de la dieta durante el embarazo y su relación con el crecimiento fetal.

Doctorando: Clara Liliana Rodríguez Bernal.

Director/es: Dra. Marisa Rebagliato, Dr. Ferran Ballester, Dr. Jesús Vioque.

Universidad: Universidad Miguel Hernández.

Calificación: Sobresaliente Cum Laude.

Fecha: 2014

Título: Exposición a temperaturas extremas y riesgo de parto pretérmino en Valencia.

Doctorando: Ana María Vicedo Cabrera.

Director/es: Dr. Ferran Ballester, Dra. Carmen Iñiguez.

Universidad: Universitat de València.

Calificación: Sobresaliente Cum Laude.

## 6. Reports for public institutions.

1. Elaboración del capítulo: Contaminación atmosférica, cambio climático y Salud para el Informe de Cambio Climático y Salud (coordinador: Jose Vte Martí) con el Instituto de Salud Trabajo y Ambiente y la Universidad Complutense de Madrid. 2010 y continúa.
2. Participación en el Informe sobre la Ley de Salud Pública, como representante de la Sociedad Española de Epidemiología. 200-2010