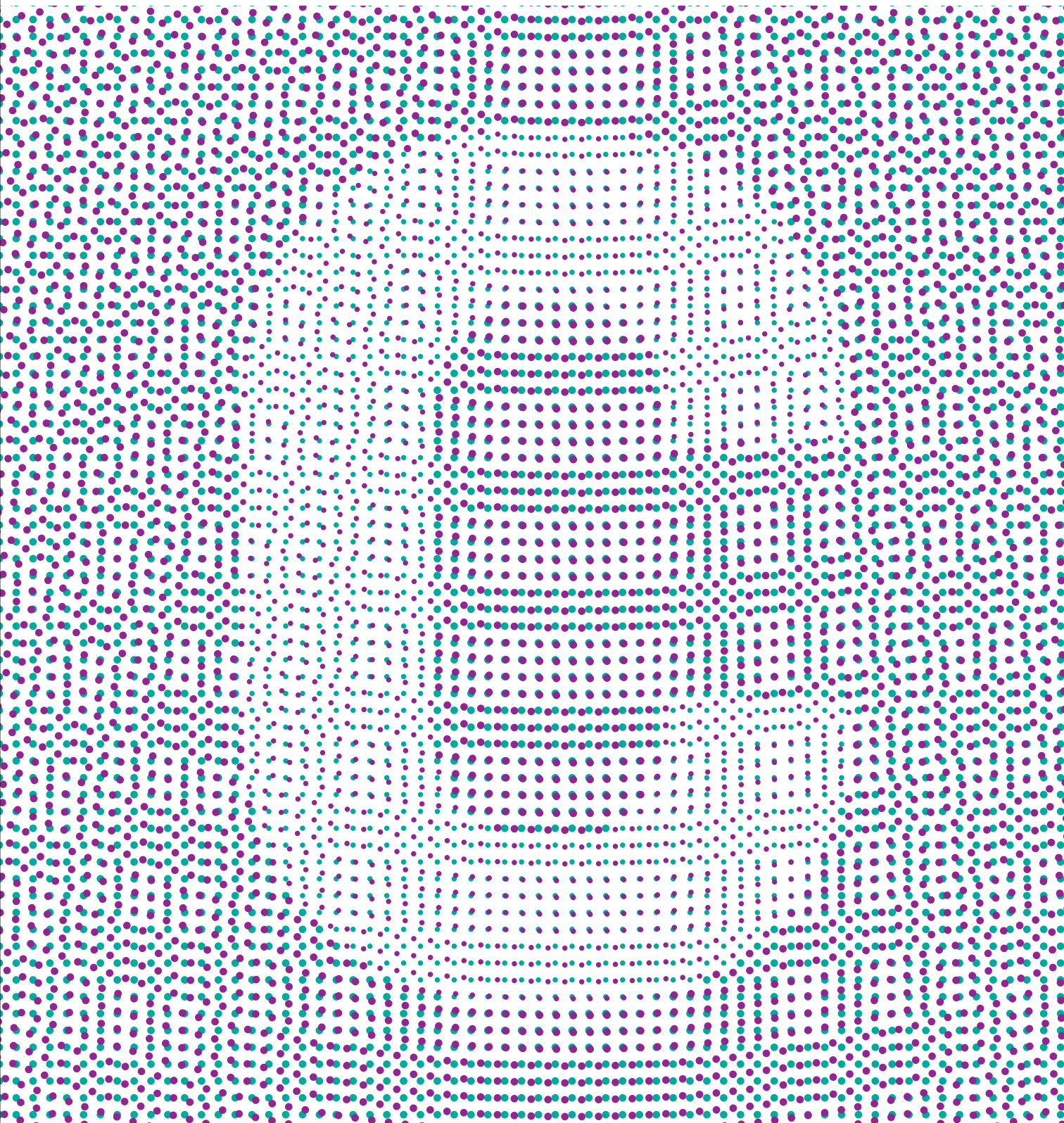


# Memoria científica 2017



<b>Institut de Recerca Sant Joan de Déu (IRSJD)</b>
Hospital Sant Joan de Déu
Centre de Recerca en Enginyeria Biomèdica
Institut de Neurociències de la UB
Institut de Biomedicina de la UB
Parc Sanitari Sant Joan de Déu
<b>Director</b>
Dr. Francesc Palau Martínez
<b>Subdirector</b>
Dr. Rafael Artuch Iriberrí
<b>Scientific Manager</b>
Sra. Júlia Ribot Ballabriga

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Dra. Susana Ochoa Güerre

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Adriana Cuaresma González

Macarena Oltra Badui

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#### Directora Enfermera

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#### Presidenta y coordinadora

#### de Formación y Docencia

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Dra. Ofelia Cruz Martínez

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Dra. Beatriz del Pino Gaya

Dra. Rosa María Dueñas Herrero

Dr. Sabel Gabaldón Fraile

Dra. María Teresa Giner Muñoz

Sra. Encarna Gómez Gamboa

Dra. Iolanda Jordan García

Sra. María Eugènia Rey Abella

Dr. Bernabé Robles del Olmo

Dr. Joan Lluís Vinent Genestar

#### Datos 2017

Fondos para la investigación (€) **9.709.454**

#### Producción científica

Artículos y revisiones con FI **401**

Factor de impacto total **1.909**

% Ir cuartil **61%**

FI medio por artículo **4,8**

% autorías destacadas **48%**

GPC **1**

Libros **2**

Capítulos de libros **20**

Dirección de tesis (leídas en 2017) **32**

Patentes o *spin-offs* **4**

Organización de congresos **38**

#### Investigación enfermera

Comunicaciones orales

en congresos internacionales **17**

Comunicaciones orales

en congresos nacionales **57**

Pósters en congresos internacionales **24**

Pósters en congresos nacionales **10**

Becas PERIS **4**

Beca COIB **1**

Premios a profesionales de enfermería **5**

#### Residentes y másters propios

**Especialidades**

**Residentes**

**Másters**

Bioquímica **1**

Cardiología **6**

Cirugía cardíaca **1**

Cirugía **6**

Endocrinología **4**

Farmacología **2**

Gastroenterología **8**

Hematología **3**

Inmunoalergia **6**

Enfermería pediátrica **10**

Enfermería gineco-obstétrica **8**

Microbiología **1**

Neonatología **6**

Obstetricia i ginecología **16**

Oftalmología **2**

Ortodoncia i odontopediatría **9**

Pediatría **45**

Reumatología **3**

Urgencias **1**

**Total** **89** **50**

## I+D+i al servicio de las personas

La actividad de investigación se ha desarrollado un año más bajo el paraguas del Institut de Recerca Sant Joan de Déu, un consorcio liderado por el Hospital y que cuenta con varios centros aliados referentes en las diferentes fases de la obtención y desarrollo de biomarcadores, tratamientos y fármacos.

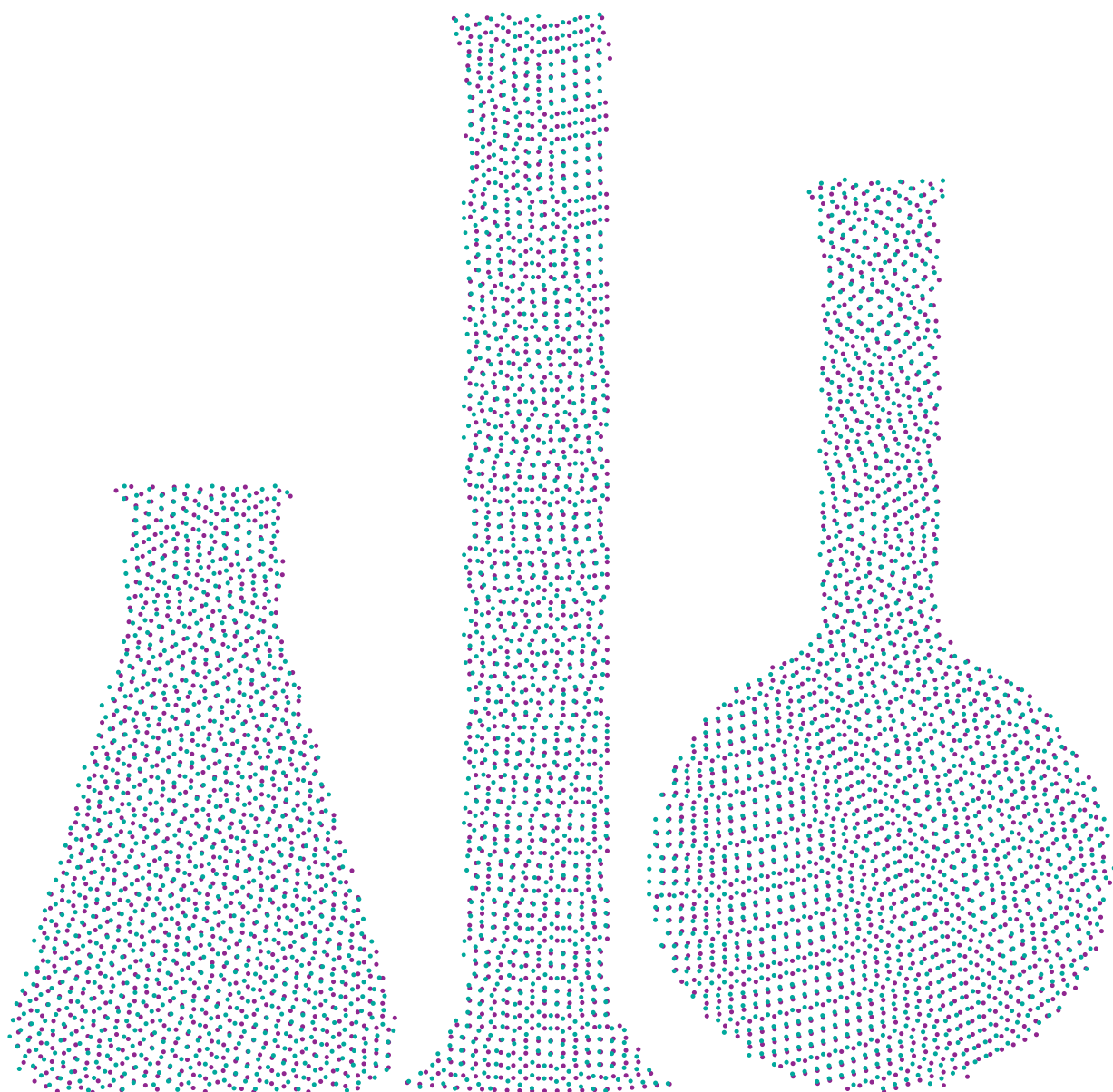
En 2017 ha destacado especialmente la actividad investigadora del Área de Oncohematología gracias al trabajo promovido desde el laboratorio de investigación sobre el cáncer del desarrollo, que en 2018 cumplirá 15 años. También la Unidad de Ensayos Clínicos, creada en 2012, ha experimentado una creciente actividad investigadora y en los últimos cinco años ha multiplicado por dos el número de ensayos clínicos.

En cuanto a los apoyos para proyectos de investigación, este año hemos obtenido 75 ayudas de ámbito nacional. A escala internacional nos han concedido ocho ayudas, siete de ellas a cargo de la Comisión Europea.

En nuestra vertiente docente promovemos, a través de la formación, una asistencia integral basada en el trabajo multidisciplinar. Somos el centro de formación en medicina pediátrica de la Universidad de Barcelona y de formación enfermera de la Escuela Universitaria de Enfermería adscrita a esta universidad, que se imparte en el Campus Docente Sant Joan de Déu.

Nuestras especialidades formativas acreditadas son Pediatría, Cirugía pediátrica, Obstetricia y ginecología, Farmacia y Bioquímica clínica. Cada año, el Hospital contribuye a capacitar a los profesionales mediante formación reglada (pregrado, grado y posgrado) y no reglada. Un total de 1.790 alumnos efectúan rotaciones, estancias y prácticas en nuestro centro y más de 10.000 realizan alguna acción formativa en el Aula de Pediatría, entidad que coordina toda la actividad docente del Hospital y que ofrece acciones formativas en todas las especialidades pediátricas.

# Investigación



## Enfermedades pediátricas con inicio en etapas tempranas de la vida

Agut-Quijano T, Roca P, García-Alix A. *Neonatal status epilepticus undetected with single-channel aEEG*. An Pediatr (Barc) 2017. 87: 57-58. Factor de impacto: 1,140

Alsina Maqueda M, Martín-Ancel A, Alarcon A, Arca-Díaz G, Gaya-Moreno F, García-Alix A. *The Severity of Hypoxic-Ischemic Encephalopathy Correlates With Multiple Organ Dysfunction in the Hypothermia Era*. Pediatr Crit Care Med 2017. 18: 234-240. Factor de impacto: 3,495

Arnaez-Solis J, García-Alix A. *Extracerebral thrombosis in symptomatic neonatal arterial ischemic stroke*. Eur J Paediatr Neurol 2017. 21: 687-688. Factor de impacto: 2,013

Arnaez-Solis J, Tejedor JC, Caserío S, Montes MT, Moral MT, González de Dios J, García-Alix A, Grupo de Trabajo sobre Dificultades Bioéticas en Neonatología, García-Fernández M. *Bioethics at the end of life in neonatology: unresolved issues*. An Pediatr (Barc) 2017. 87: 356-360. Factor de impacto: 1,140

Camprubí-Camprubí M, Balada Caballé R, Ortega Cano JA, Ortega de la Torre ML, Duran Fernández-Feijoo C, Girabent-Farrés M, Figueras-Aloy J, Krauel Vidal X, Alcántara S. *Learning and memory disabilities in IUGR babies: Functional and molecular analysis in a rat model*. Brain Behav 2017. Factor de impacto: 2,157

Carreras-Badosa G, Bonmatí A, Ortega FJ, Mercader JM, Guindo-Martínez M, Torrents D, Prats-Puig A, Martínez-Calcedra JM, de Zegher F, Ibáñez-Toda L, Fernández-Real JM, López-Bermejo A, Bassols-Casadevall J. *Dysregulation of Placental miRNA in Maternal Obesity Is Associated With Pre- and Postnatal Growth*. J Clin Endocrinol Metab 2017. 102: 2584-2594. Factor de impacto: 5,455

Casano-Sancho P. *Pituitary dysfunction after traumatic brain injury: are there definitive data in children?* Arch Dis Child 2017. 102: 572-577. Factor de impacto: 3,265

Casanova MA, Monteagudo-Sánchez A, Rodríguez-Guerineau L, Court F, Serrano IG, Martorell-Sampol L, Zurriaga CR, Moore GE, Ishida M, Castañón M, Calderon EM, Monk D, Moreno-Hernando J. *Maternal mutations of FOXF1 cause alveolar capillary dysplasia despite not being imprinted*. Hum Mutat 2017. 38: 615-620. Factor de impacto: 4,601

Castillo Salinas F, Elorza Fernández D, Gutiérrez Laso A, Moreno-Hernando J, Bustos Lozano G, Gresa Muñoz M, Miracle Echegoyen X, en representación del Grupo Respiratorio y

Surfactante (RESPISURF). *Recomendaciones para la asistencia respiratoria en el recién nacido (IV)*. Ventilación de alta frecuencia, ex-utero intrapartum treatment (EXIT), oxigenador de membrana extracorpórea (ECMO). An Pediatr (Barc) 2017. 87: 295-300. Factor de impacto: 1,140

De Zegher F, Díaz-Silva M, López-Bermejo A, Ibáñez-Toda L. *Recognition of a sequence: more growth before birth, longer telomeres at birth, more lean mass after birth*. Pediatr Obes 2017. 12: 274-279. Factor de impacto: 3,400

De Zegher F, Reinehr T, de Sousa-Malpique RM, Darendeliler F, López-Bermejo A, Ibáñez-Toda L. *Reduced Prenatal Weight Gain and/or Augmented Postnatal Weight Gain Precedes Polycystic Ovary Syndrome in Adolescent Girls*. Obesity (Silver Spring) 2017. 25: 1486-1489. Factor de impacto: 3,873

Del Campo M, Feitosa IM, Ribeiro EM, Horovitz DD, Pessoa AL, França GV, García-Alix A, Doriqui MJ, Wanderley HY, Sanseverino MV, Neri JI, Pina-Neto JM, Santos ES, Verçosa I, Cernach MC, Medeiros PF, Kerbage SC, Silva AA, van der Linden V, Martelli CM, Cordeiro MT, Dhalia R, Vianna FS, Victora CG, Cavalcanti DP, Schuler-Faccini L, Zika Embryopathy Task Force-Brazilian Society of Medical Genetics ZETF-SBGM. *The phenotypic spectrum of congenital Zika syndrome*. Am J Med Genet A 2017. 173: 841-857. Factor de impacto: 2,259

Díaz-Silva M, García C, Sebastiani G, de Zegher F, López-Bermejo A, Ibáñez-Toda L. *Placental and Cord Blood Methylation of Genes Involved in Energy Homeostasis: Association With Fetal Growth and Neonatal Body Composition*. Diabetes 2017. 66: 779-784. Factor de impacto: 8,684

Duran Fernández-Feijoo C, Carrasco-Carrasco C, Villalmazo Francisco N, Cebrià Romero J, Fernández Lorenzo JR, Jiménez-Chillaron JC, Camprubí-Camprubí M. *Influence of catch up growth on spatial learning and memory in a mouse model of intrauterine growth restriction*. PLoS One 2017. Factor de impacto: 2,806

François C, Teixidó M, Takerkart S, Agut-Quijano T, Bosch L, Rodríguez-Fornells A. *Enhanced Neonatal Brain Responses To Sung Streams Predict Vocabulary Outcomes By Age 18 Months*. Sci Rep 2017. 7: 12451-12460. Factor de impacto: 4,259

García-Muñoz Rodrigo F, Figueras-Aloy J, Saavedra Santana P, García-Alix A. *Postnatal growth at hospital discharge in extremely premature newborns in Spain*. An Pediatr (Barc) 2017. 87: 301-310. Factor de impacto: 1,140

García-Muñoz Rodrigo F, García Hernández JA, García-Alix A. *Characterization of mothers at risk of delivery at the limit of viability and factors related to infant survival*. J Matern Fetal Neonatal Med 2017. 30: 2198-2203. Factor de impacto: 1,826

García-Muñoz Rodrigo F, Urquía Martí L, García Hernández JA, Figueras-Aloy J, García-Alix A, SEN1500 Network of the Spanish Neonatal Society. *End-of-Life Care and Survival without Major Brain Damage in Newborns at the Limit of Viability*. Neonatology 2017. 111: 234-239. Factor de impacto: 2,598

Gómez-Roig MD, Mazarico-Gallego E, Ferrero S, Montejo R, Ibáñez-Toda L, Grima F, Vela A. *Differences in dietary and lifestyle habits between pregnant women with small fetuses and appropriate-for-gestational-age fetuses*. J Obstet Gynaecol Res 2017. 43: 1145-1151. Factor de impacto: 1,099

Ibáñez-Toda L, del Río L, Díaz-Silva M, Sebastiani G, Pozo OJ, López-Bermejo A, de Zegher F. *Normalizing Ovulation Rate by Preferential Reduction of Hepato-Visceral Fat in Adolescent Girls With Polycystic Ovary Syndrome*. J Adolesc Health 2017. 61: 446-453. Factor de impacto: 3,974

Ibáñez-Toda L, Oberfield SE, Witchel SF, Auchus RJ, Chang RJ, Codner E, Dabadghao P, Darendeliler F, Elbarbary NS, Gambineri A, García Rudaz C, Hoeger KM, López-Bermejo A, Ong K, Peña AS, Reinehr T, Santoro N, Tena-Sempere M, Tao R, Yildiz BO, Alkhayyat H, Deeb A, Joel D, Horikawa R, de Zegher F, Lee PA. *An International Consortium Update: Pathophysiology, Diagnosis, and Treatment of Polycystic Ovarian Syndrome in Adolescence*. Horm Res Paediatr 2017. 88: 371-395. Factor de impacto: 1,844

Izquierdo Renau M, Iriondo-Sanz M, Ruiz C, Zeballos G, Sánchez M, González E, Vento M, Thio M, Neonatal Resuscitation Group of the Spanish Neonatal Society (SENeo). *Survey of neonatal resuscitation practices showed post-training improvements but need to reinforce preterm management, monitoring and adrenaline use*. Acta Paediatr 2017. 106: 897-903. Factor de impacto: 2,043

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Prats-Puig A, Carreras-Badosa G, Bassols-Casadevall J, Cavellier P, Magret A, Sabench C, de Zegher F, Ibáñez-Toda L, Feil R, López-Bermejo A. *The placental imprinted DLK1-DIO3 domain: a new link to prenatal and postnatal growth in humans*. Am J Obstet Gynecol 2017. 217: 3501-3513. Factor de impacto: 5,226

Prats-Puig A, Gispert-Saüch M, Carreras-Badosa G, Osiniri I, Soriano-Rodríguez P, Planella-Colomer M, de Zegher F, Ibáñez-Toda L, Bassols-Casadevall J, López-Bermejo A. *alpha-Defensins and bacterial/permeability-increasing protein as new markers of childhood obesity*. Pediatr Obes 2017. 12: 10-13. Factor de impacto: 3,400

Rial Rodríguez JM, de Arriba Muñoz A, Bosch Muñoz J, Cabanas Rodríguez P, Cañete Estrada R, Díez López I, Hawkins Solís MM, Martínez-Aedo Ollero MJ, Rodríguez Dehli AC, Ibáñez-Toda L. *Tratamiento con hormona de crecimiento en pequeños para la edad gestacional en España*. An Pediatr (Barc) 2017. 86: 249-254. Factor de impacto: 1,140

Rodríguez-Fanjul J, Durán Fernández-Feijóo C, López-Abad M, López Ramos MG, Balada Caballé R, Alcántara-Horillo S, Camprubí-Camprubí M. *Neuroprotection with hypothermia and allipurinol in an animal model of hypoxic-ischemic injury: Is it a gender question? PLoS One 2017*. Factor de impacto: 2,806

Rodríguez-Fanjul J, Solé A, Bobillo-Pérez S, Moreno-García J, Segura-Matute S, Esteban-Torne E, Balaguer-Gargallo M, Jordán-García I. *Extracorporeal Membrane Oxygenation for Refractory Septic Shock in Children: Our Institution's Results*. European Journal of Heart Failure, Supplement 2017. 19: 23-24. Factor de impacto: 6,968Rodríguez-García MA, del Río-Baquero LM, Ortez-González CI, Jou-Munoz C, Vigo-Morancho M, Medina J, Febrer A, Ramon-Krauel M, Díaz-Manera J, Olive-Valls M, González-Mera L, Nascimento-Osorio A, Jiménez-Mallebrera C. Differences in Adipose Tissue and Lean Mass Distribution in Patients with Collagen VI Related Myopathies Are Associated with Disease Severity and Physical Ability. Front Aging Neurosci 2017. 9: 268-270. Factor de impacto: 4,504

Stephan-Otto C, Núñez C, Arca-Díaz G, Agut-Quijano T, Garcia-Alix A. *Three-Dimensional Map of Neonatal Arterial Ischemic Stroke Distribution From Early Multimodal Brain Imaging*. Stroke 2017. 48: 482-485. Factor de impacto: 6,032

Zeballos Sarrato G, Salguero García E, Aguayo Maldonado J, Gómez Robles C, Thio M, Iriondo-Sanz M, Grupo de Reanimación Neonatal de la Sociedad Española de Neonatología (GRN-SENeo). *Changes in the international recommendations on neonatal stabilisation and resuscitation (2015)*. An Pediatr (Barc) 2017. 86: 51-60. Factor de impacto: 1,140

Altali K, Ruiz-Artacho P, Trenchs-Sainz de la Maza V, Martínez Ortiz de Zárate M, Navarro C, Fernández C, Bodas-Pinedo A, González-del Castillo J, Martín-Sánchez FJ. *Hospital emergency room diagnosis of acute appendicitis in patients aged 2 to 20 years: the INFURG-SEMES score from the emergency infections study of the Spanish Society of Emergency Medicine*. Emergencias 2017. 29: 231-236. Factor de impacto: 3,028

Álvarez Escudero J, Paredes Esteban RM, Cambra-Lasaosa FJ, Vento M, López Gil M, de Agustín Asencio JC, Moral Pumarega MT. *More than 3 hours and less than 3 years: Safety of anesthetic procedures in children under 3 years undergoing surgery for more than 3 hours*. An Pediatr (Barc) 2017. 87: 236-240. Factor de impacto: 1,140

Balaguer-Gargallo M, Alejandro-Galobardes C, Vila-Pérez D, Esteban-Torne E, Carrasco JL, Cambra-Lasaosa FJ, Jordán-García I. *Bronchiolitis Score of Sant Joan de Deu: BROSJOD Score, validation and usefulness*. Pediatr Pulmonol 2017. 52: 533-539. Factor de impacto: 2,758

Bautista Rodríguez C, Launes-Montana C, Jordán-García I, Andres M, Arias MT, Lozano F, García-García JJ, Munoz-Almagro C. *Mannose-binding lectin-deficient genotypes as a risk factor of pneumococcal meningitis in infants*. PLoS One 2017. Factor de impacto: 2,806

Borrell A, Grande M, Meler E, Sabria-Bach J, Mazarico-Gallego E, Muñoz A, Rodríguez-Revenga L, Badenas C, Figueras-Retuerta F. *Genomic Microarray in Fetuses with Early Growth Restriction: A Multicenter Study*. Fetal Diagn Ther 2017. 42: 174-180. Factor de impacto: 2,699

Bosch-Alcaraz A, Falcó A, Santaolalla M, Domínguez MC, Jordán-García I. *Light and noise: Environmental factors in intensive care units*. An Pediatr (Barc) 2017. 86: 227-228. Factor de impacto: 1,140

Camazine MN, Karam O, Colvin R, Leteurtre S, Demareé P, Tucci M, Muszynski JA, Stanworth S, Spinella PC, Jordán-García I, PlasmaTV Investigators. *Outcomes Related to the Use of Frozen Plasma or Pooled Solvent/Detergent-*

## Enfermedades fetales/pediátricas y factores ambientales, metabólicos y genéticos

Agra Tuñas MC, Hernández Rastrollo R, Hernández González A, Ramil Fraga C, Cambra-Lasaosa FJ, Quintero Otero S, Ruiz Extremera A, Rodríguez Núñez A. *Actitudes éticas de los pediatras de Cuidados Intensivos ante pacientes con atrofia muscular espinal tipo 1*. An Pediatr (Barc) 2017. 86: 151-157. Factor de impacto: 1,140

Altali K, Ruiz-Artacho P, Trenchs-Sainz de la Maza V, Martínez Ortiz de Zárate M, Navarro C, Fernández C, Bodas-Pinedo A, González-del Castillo J, Martín-Sánchez FJ. *Hospital emergency room diagnosis of acute appendicitis in patients aged 2 to 20 years: the INFURG-SEMES score from the emergency infections study of the Spanish Society of Emergency Medicine*. Emergencias 2017. 29: 231-236. Factor de impacto: 3,028

Álvarez Escudero J, Paredes Esteban RM, Cambra-Lasaosa FJ, Vento M, López Gil M, de Agustín Asencio JC, Moral Pumarega MT. *More than 3 hours and less than 3 years: Safety of anesthetic procedures in children under 3 years undergoing surgery for more than 3 hours*. An Pediatr (Barc) 2017. 87: 236-240. Factor de impacto: 1,140

Balaguer-Gargallo M, Alejandro-Galobardes C, Vila-Pérez D, Esteban-Torne E, Carrasco JL, Cambra-Lasaosa FJ, Jordán-García I. *Bronchiolitis Score of Sant Joan de Deu: BROSJOD Score, validation and usefulness*. Pediatr Pulmonol 2017. 52: 533-539. Factor de impacto: 2,758

Bautista Rodríguez C, Launes-Montana C, Jordán-García I, Andres M, Arias MT, Lozano F, García-García JJ, Munoz-Almagro C. *Mannose-binding lectin-deficient genotypes as a risk factor of pneumococcal meningitis in infants*. PLoS One 2017. Factor de impacto: 2,806

Borrell A, Grande M, Meler E, Sabria-Bach J, Mazarico-Gallego E, Muñoz A, Rodríguez-Revenga L, Badenas C, Figueras-Retuerta F. *Genomic Microarray in Fetuses with Early Growth Restriction: A Multicenter Study*. Fetal Diagn Ther 2017. 42: 174-180. Factor de impacto: 2,699

Bosch-Alcaraz A, Falcó A, Santaolalla M, Domínguez MC, Jordán-García I. *Light and noise: Environmental factors in intensive care units*. An Pediatr (Barc) 2017. 86: 227-228. Factor de impacto: 1,140

Camazine MN, Karam O, Colvin R, Leteurtre S, Demareé P, Tucci M, Muszynski JA, Stanworth S, Spinella PC, Jordán-García I, PlasmaTV Investigators. *Outcomes Related to the Use of Frozen Plasma or Pooled Solvent/Detergent-*

*Treated Plasma in Critically Ill Children*. Pediatr Crit Care Med 2017. 18: 215-223. Factor de impacto: 3,495

Campuzano O, Sánchez-Molero O, Fernández A, Mademont-Soler I, Coll M, Pérez-Serra A, Mates J, del Olmo B, Pico F, Nogue-Navarro L, Sarquella-Brugada G, Iglesias A, Cesar S, Carro Fernández E, Borondo JC, Brugada-Terradellas J, Castellà J, Medallo J, Brugada R. *Sudden Arrhythmic Death During Exercise: A Post-Mortem Genetic Analysis*. Sports Med 2017. 47: 2101-2115. Factor de impacto: 6,832

Campuzano O, Sánchez-Molero O, Mademont-Soler I, Coll M, Allegue C, Ferrer-Costa C, Mates J, Pérez-Serra A, del Olmo B, Iglesias A, Sarquella-Brugada G, Brugada-Terradellas J, Borondo JC, Castellà J, Medallo J, Brugada R. *Genetic analysis in post-mortem samples with micro-ischemic alterations*. Forensic Sci Int 2017. 271: 120-125. Factor de impacto: 1,989

Cardiel Valiente L, Ayerza Casas A, López Ramón M, Jiménez Montañes L, Sarquella-Brugada G. *Nuestra experiencia con la taquicardia reciprocante permanente de la union auriculo-ventricular*. An Pediatr (Barc) 2017. 87: 173-174. Factor de impacto: 1,140

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## Publicaciones científicas enfermeras

Bosch A, Falco A, Santaolalla M, Domínguez MC, Jordan I. *Factores ambientales de luz y ruido en las unidades de cuidados intensivos*. AN Pediatr [Barc.] 2017; 86(4): 227-228.

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Miranda M, Domingo C, Gómez D, Goberna J. *Uso de la acupuntura y moxibustion para corregir la presentación no cefálica: estudio de intervención en un centro hospitalario de tercer nivel*. Revista Internacional de Acupuntura 2016.

Muñoz B. *Acupuntura Virtual*. Estado de casos clínicos. Agora d'Infermeria 2017; 21 (2):76.

Raboschchuk G, Nadeu C, Vidiella C, Ros O, Muñoz B, Riverola A. *Pre-processing techniques for improved detection of vocalization sounds in a neonatal intensive care unit*. Biomedical Signal Processing and Control 2017; 39: 390-395.

Torra-Bou JE, García-Fernández FP, Pérez-Acevedo G, Sarabia-Lavín R, Paras-Bravo P, Soldevilla-Ágreda JJ, Rodríguez-Palma M, Verdú-Soriano J. *El impacto económico de las lesiones por presión*. Revisión bibliográfica integrativa. Gerokomos 2017; 28(1): 30-37.

# Docencia

## Cursos

- 061: Motivos de consulta frecuentes en pediatría. Respuesta telefónica
- 10° aniversario del programa VINCLES
- 3rd International Pediatric and Neonatal NIV Meeting
- II Conferencia Monográfica HSJD - Abbott en Nutrición Práctica: La nutrición en el paciente oncológico
- Actualización en Diagnóstico por la Imagen Pediátrico 2017
- Actualización en diagnóstico y tratamiento en Endocrinología Pediátrica (4ª edición)
- Actualización en diagnóstico y tratamiento en Endocrinología Pediátrica (4ª edición) - *webcasting*
- Actualización en emergencias obstétricas para comadronas
- Actualización en SVATP
- Actualización y soporte técnico a la psicoterapia de grupo en la asistencia pública
- Alergia infantil - Merck
- Analgesia y sedación
- Anestesia inhalatoria
- APLS
- Apoyo en Procesos de Duelo
- Arritmias y muerte súbita infantil
- Atención al parto para personal no obstétrico - 1ª edición
- Avances en Alergia e Inmunología Clínica
- Avances en Alergia e Inmunología Clínica - *webcasting*
- Avances en Gastroenterología, Hepatología y Nutrición Pediátricas
- Avances en Gastroenterología, Hepatología y Nutrición Pediátricas - *webcasting*
- Avances en la dieta cetogénica en neuropediatría y su aplicación en la práctica diaria
- Bomba de insulina - Medtronic
- Boston - Engineering trainer development
- Boston - Formación de Instructores de Simulación Clínica
- Boston - Master Session
- CIMA-SVAP
- Cirugía mínimamente invasiva en malformaciones pulmonares
- Cleft BARCELONA: Integrated management of the cleft patients with live Surg. 2nd edition
- Código Sepsis Grave en Cataluña

- Como comunicar una primera mala noticia
- Conferencia Victor Montori - Clínica Mayo
- Congreso de Optometría y Oftalmología Pediátrica (COOP)
- CRAE y Salud Mental
- CRM 6 - Trabajo en equipo en la atención del niño grave
- CRM Neonatología
- CRM UCIP - Trabajo en equipo en la atención del niño grave
- Curso básico de asistencia respiratoria
- Curso básico de asistencia respiratoria neonatal
- Curso de reumatología para residentes de pediatría
- Curso de transporte para enfermería y residentes
- Día de la Enfermera. Enfermeras: Una voz para liderar. Alcanzando los Objetivos de Desarrollo Sostenible
- Diabetes digital
- Distrofia muscular de Duchenne
- ECMO externo
- ECMO interno
- Enfermería Oncológica Pediátrica (*online*)
- Entrenamiento de instructores en simulación (zona 3)
- Entrenamiento de instructores en simulación (zonas 1 y 2)
- ERGON - 2ª Jornada de Pediatría Práctica
- Escalas clínicas de apoyo a la asistencia / investigación
- Esferodinamia
- Estabilización del bebé grave (Hospital de Palamós)
- Estabilización del bebé grave (Parc Sanitari Sant Boi)
- Estabilización del niño grave en contexto hospitalario (Mataró)
- Estabilización inicial del niño crítico en el servicio de urgencias
- Estrategias de *debriefing* en simulación de habilidades clínicas - UIC
- EUREC - Comités de ética
- Fase preanalítica del laboratorio y seguridad transfusional
- Festividad SJD 2017
- Formación Continua en Transporte Pediátrico
- Formación de Instructores de Simulación Clínica

- Formación en modelo BRIDGE
- Foro de Biobancos Pediátricos
- Habilidades en tocurgia
- Hematología Pediátrica - Inmunoterapia en leucemia aguda (7ª edición)
- Hipoacusia infantil. Conceptos básicos - GAES
- Hipoacusia infantil. Cribado auditivo neonatal - GAES
- Hipoacusia infantil. Diagnóstico de la hipoacusia infantil - GAES
- Hipoacusia infantil. Evaluación auditiva infantil - GAES
- Hospital sin dolor y modelo de confort en pediatría. Metodología de aprendizaje: *micro-learning*
- Informe FAROS
- Introducción a la metodología NIDCAP
- Jornada de arritmias para familias
- Jornada de actualización sobre trastornos del movimiento en pediatría
- Jornada de CRE Barcelona - Emprendimiento investigador
- Jornada de humanización de hospitales para niños
- Jornada en salud e investigación en transición epidemiológica
- Jornada Enfermera 5 hospitales - Salud mental: adicciones
- Jornada de Microscopía Confocal
- Jornadas SERI (Sociedad Española de Rehabilitación Infantil)
- Lactancia Materna Básica
- Manejo actual de la fijación externa
- Manejo de la lactancia materna en el niño hospitalizado
- Máster en Enfermería de Urgencias Hospitalarias (Bellvitge)
- Medidas de prevención y control de la IRES
- Mioclonus. Distrofia para familias
- Módulo de simulación. Obstetricia: Máster de Enfermo Crítico
- Módulo de simulación. Pediatría: Máster de Enfermo Crítico
- Mucopolisacaridosis - Comprehensive Anesthetic Management of the Child and Teenager with MPS
- Neuropediatría
- Neuropediatría - *webcasting*
- Odontopediatría Hospitalaria (5ª edición)
- Oxigenoterapia y terapia inhalatoria. Metodología de aprendizaje: *microlearning*

- Patología Digestiva - Lactalis
- Perfeccionamiento en Neonatología
- Perfeccionamiento en Neonatología - *webcasting*
- Postgrado en Urgencias de Obstetricia y Pediatría de Tecnocampus Mataró (UPF)
- Práctica de suturas en pediatría de atención primaria (VINCLES)
- Práctica en lactancia materna
- Prisma - Técnicas de depuración extrarrenal veno-venosa
- Progreso en cuidados enfermeros neonatales
- Progresos - *webcasting*
- Protocolización y actualización en pediatría AP
- Psicoterapia de grupos
- RCP neonatal comadronas
- RCP neonatal grupo A
- RCP neonatal grupo B
- Reacciones adversas a la leche de vaca (NUTRICIA Almirón DANONE)
- Refresco SVAP
- SEM Urgencias Pediátricas Teórico - Práctico
- Sepsis: Un desafío compartido
- Sesión URG: Taller de arritmias y desfibrilación para residentes de urgencias - *In situ*
- Sesión URG: Taller de soporte vital básico para residentes de urgencias - *In situ*
- Simulación avanzada en emergencias obstétricas
- Situaciones críticas en anestesia pediátrica
- SVAP
- SVAP - Máster en Enfermo Crítico UB
- SVATP
- SVB + DEA
- SVIP
- Taller de Primeros Auxilios
- Taller de Obstetricia - Master en reeducación del suelo pélvico
- Terapia dialéctica conductual
- Toma de decisiones en urgencias pediátricas
- Transporte pediátrico y neonatal
- Traqueotomía para padres
- Trastornos del aprendizaje (UTAE) Andorra
- Tres fases clave en primera noticia
- Urgencias pediátricas para MIR 1
- Urología laparoscópica
- UTAE
- Valoración del electrocardiograma en pediatría de atención primaria (VINCLES)
- Ventilación mecánica
- VNI

## Másters

- Cardiología pediátrica  
J. Bartrons
- Endocrinología pediátrica  
L. Ibáñez Toda
- Hematología pediátrica  
O. Cruz
- Neonatología  
J. Figueras, F. Botet, M. Iriondo
- Oftalmología pediátrica  
C. Fortuny, J. Prat
- Urgencias pediátricas  
C. Luaces
- Inmunología y alergia pediátricas  
A.M. Plaza
- Reumatología pediátrica  
J. Antón
- Cirugía cardíaca pediátrica  
J. Bartrons
- Formación en técnicas quirúrgicas de cirugía pediátrica  
J. Prat, X. Tarrado
- Neuropediatría  
J. Campistol
- Odontopediatría  
J.R. Boj
- Gastroenterología, hepatología y nutrición pediátricas  
F.J. Martín
- Urología pediátrica  
L. Garcia, J. Prat, X. Tarrado
- Intervenciones asistidas con perros para profesionales del ámbito social, de la salud y de la educación  
F. Ristol, N. Roca

## Charlas para padres

- Padres noveles: ¿Cómo sobrevivir al primer mes del bebé?
- Que tus hijos coman bien y sano es más sencillo de lo que piensas. ¡Ven y te enseñaremos cómo conseguirlo!
- Hábitos, deberes y normas: ideas prácticas para los padres en casa
- La adolescencia: etapa de cambios, adquisiciones y retos
- Presentación del Informe Purina
- Dieta vegetariana en la infancia: ¿Es recomendable?
- Presentación del Informe FAROS



