

## Instituto Universitario de Investigación de Neurociencias “Federico Olóriz”

**Áreas de conocimiento:** Psicobiología, Fisiología, Histología, Anatomía, Personalidad, Evaluación y Tratamiento, Psiquiatría, Farmacología. Se integran en 12 grupos de investigación PAIDI pertenecientes a las áreas “Ciencias y Tecnologías de la Salud” y “Ciencias de la vida”, Enfermedades neurodegenerativas. Mecanismos de neurodegeneración y neuroprotección, Neurobiología de los trastornos emocionales y la conducta, Memoria, aprendizaje y neuroplasticidad, Neuroendocrinología y metabolismo, Neurobiología del dolor y su tratamiento, Mecanismos de muerte celular (apoptosis y necrosis) y Función cerebral, desarrollo cognitivo y envejecimiento

**Director:** Milagros Gallo Torre

**Secretario:** Eduardo Fernández Segura

**Página web:** <http://ineurociencias.ugr.es>

**Profesorado:** CU:1 0, PTU: 14, PDI Contratado: 6, Otros: 13

### Tesis leídas

- Sigma-1 receptors control immune-driven peripheral opioid analgesia during inflammation.  
Doctorando: Miguel Ángel Tejada Giráldez.  
Directores: Enrique José Cobos del Moral.  
Calificación: Sobresaliente “cum laude”.  
Fecha de lectura: 29 de septiembre de 2017

### Grupos de Investigación.

- BIO277 BIOSANITARIO  
- Responsable: CONCEPCIÓN RUIZ RODRÍGUEZ
- CTS202 ENDOCRINOLOGIA Y METABOLISMO  
- Responsable: M<sup>ª</sup> ESPERANZA ORTEGA SÁNCHEZ
- CTS322 GRUPO ANDALUZ DE INVESTIGACION EN SALUD MENTAL  
- Responsable: JORGE CERVILLA BALLESTEROS
- CTS502 GRUPOS DE ESTUDIOS SOBRE CEFALÉAS, FIBROMIALGIA Y FÁRMACOS ACTIVOS SOBRE SNC  
- Responsable: ELENA PITA CALANDRE
- BIO195 NEUROBIOLOGIA DEL SISTEMA VISUAL  
- Responsable: JOSE MANUEL RODRIGUEZ FERRER
- CTS109 NEUROFARMACOLOGIA DEL DOLOR  
- Responsable: JOSÉ MANUEL BAEYENS CABRERA
- HUM784 NEUROPLASTICIDAD Y APRENDIZAJE  
- Responsable: MILAGROS GALLO TORRE
- CTS1003 NEUROPLASTICIDAD Y APRENDIZAJE
- CTS187 NUTRICION Y METABOLISMO INFANTIL  
- Responsable: CRISTINA CAMPOY FOLGOSO
- CTS549 PSIQUIATRÍA Y NEUROCIENCIAS  
- Responsable: MANUEL GURPEGUI FERNÁNDEZ DE LEGARIA
- CTS628 PSIQUIATRÍA, BIOLOGÍA Y AMBIENTE  
- Responsable: JORGE CERVILLA BALLESTEROS

### Dirección y participación en Proyectos I+D

- 2017 Evaluación de la eficacia analgésica de un nuevo sistema electromagnético transcutáneo en patologías asociadas a dolor neuropático periférico, , 09/01/2017-09/01/2019  
Investigador/a ESPERANZA DEL POZO GAVILÁN

### Contratos de investigación

- 2017 Estudio de la eficacia analgésica, el mecanismo de acción y los efectos secundarios de nuevos fármacos (OTRI-3820), , 01/01/2017-31/12/2017  
Investigador/a JOSÉ MANUEL BAEYENS CABRERA  
Responsable ENRIQUE JOSÉ COBOS DEL MORAL
- 2017 Nueva Molécula en el campo de la analgesia (Multimodal 1): Desarrollo preclínico, ART. 68-83, 01/01/2017-31/12/2017  
Investigador/a INMACULADA BRAVO CAPARROS  
Responsable JOSÉ MANUEL BAEYENS CABRERA  
Investigador/a CRUZ MIGUEL CENDÁN MARTÍNEZ  
Investigador/a MIGUEL ÁNGEL TEJADA GIRÁLDEZ  
Investigador/a ÁNGELES MONTILLA GARCÍA  
Investigador/a FRANCISCO JAVIER CAÑIZARES GARCÍA  
Investigador/a EDUARDO FERNÁNDEZ SEGURA  
Investigador/a ENRIQUE JOSÉ COBOS DEL MORAL

- 2017 Nueva molécula en el campo de la analgesia (Multimodal 2): Identificación de candidato/s preclínico/s", ART. 68-83, 01/01/2017-31/12/2017  
Investigador/a FRANCISCO JAVIER CAÑIZARES GARCÍA  
Investigador/a CRUZ MIGUEL CENDÁN MARTÍNEZ  
Investigador/a ENRIQUE JOSÉ COBOS DEL MORAL  
Investigador/a EDUARDO FERNÁNDEZ SEGURA  
Investigador/a INMACULADA BRAVO CAPARROS  
Investigador/a MIGUEL ÁNGEL TEJADA GIRÁLDEZ  
Investigador/a ÁNGELES MONTILLA GARCÍA  
Responsable JOSÉ MANUEL BAEYENS CABRERA
- 2017 Nueva molécula en el campo de la analgesia (Multimodal 3): Identificación de candidato/s preclínico/s, ART. 68-83, 01/01/2017-31/12/2017  
Investigador/a ÁNGELES MONTILLA GARCÍA  
Responsable JOSÉ MANUEL BAEYENS CABRERA  
Investigador/a ENRIQUE JOSÉ COBOS DEL MORAL  
Investigador/a CRUZ MIGUEL CENDÁN MARTÍNEZ  
Investigador/a MIGUEL ÁNGEL TEJADA GIRÁLDEZ  
Investigador/a EDUARDO FERNÁNDEZ SEGURA  
Investigador/a FRANCISCO JAVIER CAÑIZARES GARCÍA  
Investigador/a INMACULADA BRAVO CAPARROS

#### Publicaciones en revistas

- 2018 Artículo: Excessive body fat linked to blunted somatosensory cortex response to general reward in adolescents, *International Journal of Obesity*, 42, 1, 88-94  
ANTONIO VERDEJO GARCÍA
- 2018 Artículo en prensa: Predicting successful prosthetic rehabilitation in major lower-limb amputation patients: a 15-year retrospective cohort study, *Brazilian Journal of Physical Therapy*, , , -  
OLGA RODA MURILLO
- 2018 Artículo: Young Child Formula: A Position Paper by the ESPGHAN Committee on Nutrition., *Journal of Pediatric Gastroenterology and Nutrition*, 66, 1, 177-185  
CRISTINA CAMPOY FOLGOSO
- 2018 Artículo en prensa: Consecuencias del dolor crónico en la infancia y la adolescencia. *Gaceta Sanitaria*, *Gaceta Sanitaria*, , , -  
ESTHER MOLINA RIVAS
- 2018 Artículo: Mechanistic Differences in Neuropathic Pain Modalities Revealed by Correlating Behavior with Global Expression Profiling, *Cell Reports*, 22, 5, 1301-1312  
ENRIQUE JOSÉ COBOS DEL MORAL  
INMACULADA BRAVO CAPARROS  
RAFAEL GONZÁLEZ CANO
- 2018 Artículo: Modality-specific peripheral antinociceptive effects of  $\delta$ -opioid agonists on heat and mechanical stimuli: Contribution of sigma-1 receptors, *Neuropharmacology*, 135, , 328-342  
ÁNGELES MONTILLA GARCÍA  
CRISTINA SÁNCHEZ FERNÁNDEZ  
ENRIQUE JOSÉ COBOS DEL MORAL  
JOSÉ MANUEL BAEYENS CABRERA  
MIGUEL ÁNGEL TEJADA GIRÁLDEZ  
RAFAEL GONZÁLEZ CANO
- 2018 Artículo: Psychometric properties of the Spanish version of the 12-item Interpersonal Needs Questionnaire in fibromyalgia syndrome patients, *Anales de Psicología*, 34, 2, 274-282  
ELENA PITA CALANDRE  
JORGE LUIS ORDÓÑEZ CARRASCO
- 2018 Artículo: Perceived burdensomeness, thwarted belongingness and suicidal ideation in patients with fibromyalgia and healthy subjects: a cross-sectional study, *Rheumatology International*, , , -  
ELENA PITA CALANDRE  
JORGE LUIS ORDÓÑEZ CARRASCO
- 2018 Artículo: Gut microbial functional maturation and succession during human early life, *Environmental Microbiology*, , , -  
CRISTINA CAMPOY FOLGOSO
- 2018 Artículo: Effects of a combined intervention with a lentil protein hydrolysate and a mixed training protocol on the lipid metabolism and hepatic markers of NAFLD in Zucker rats, *Food and Function*, 9, , 830-850  
FRANCISCO JESÚS ARREBOLA VARGAS
- 2018 Artículo en prensa: Diet quality index as a predictor of treatment efficacy in overweight and obese adolescents: The EVASYON study., *Clinical Nutrition*, , , -

CRISTINA CAMPOY FOLGOSO

- 2018 Artículo: Targeting immune-driven opioid analgesia by sigma-1 receptors: Opening the door to novel perspectives for the analgesic use of sigma-1 antagonists, *Pharmacological Research*, 131, , 224-230

ÁNGELES MONTILLA GARCÍA

ENRIQUE JOSÉ COBOS DEL MORAL

INMACULADA BRAVO CAPARROS

MIGUEL ÁNGEL TEJADA GIRÁLDEZ

RAFAEL GONZÁLEZ CANO

- 2018 Artículo: Effect of phenolic extracts from different extra-virgin olive oil varieties on osteoblast-like cells., *PLoS One*, 13, 4, e0196530-

CONCEPCIÓN RUIZ RODRÍGUEZ

- 2018 Artículo: Bisphosphonate Modulation of the Gene Expression of Different Markers Involved in Osteoblast Physiology: Possible Implications in Bisphosphonate-Related Osteonecrosis of the Jaw., *International Journal of Medical Sciences*, 15, 4, 359-367

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- 2018 Artículo: Effect of olive oil phenolic compounds on osteoblast differentiation., *European Journal Of Clinical Investigation*, 48, 4, -

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- 2018 Artículo: Multifunctional capacity and therapeutic potential of lactoferrin., *Life Sciences*, 195, , 61-64

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- 2018 Artículo: Benefits of olive oil phenolic compounds in disease prevention, *Endocrine, Metabolic & Immune Disorders. Drug Targets (Print)*, 12, , -

CONCEPCIÓN RUIZ RODRÍGUEZ

- 2018 Artículo: Influence of pH on osteoclasts treated with zoledronate and alendronate., *Clinical Oral Investigations*, , , -

CONCEPCIÓN RUIZ RODRÍGUEZ

- 2017 Artículo: Brain substrates of social decision-making in dual diagnosis: Cocaine dependence and personality disorders, *Addiction Biology*, 22, 2, 457-467

ANTONIO VERDEJO GARCÍA

- 2017 Artículo: . Effect of coenzyme A on outer hair cells in cisplatin ototoxicity: functional and ultrastructural study, *Histology & Histopathology*, 32, 1,2,3, 171-176

FRANCISCO JAVIER CAÑIZARES GARCÍA

PASCUAL VICENTE CRESPO FERRER

- 2017 Artículo: The Effects of a Gluten-free Diet Versus a Hypocaloric Diet Among Patients With Fibromyalgia Experiencing Gluten Sensitivity-like Symptoms: A Pilot, Open-Label Randomized Clinical Trial., *Journal of Clinical Gastroenterology*, 51, 6, 500-507

JUAN MIGUEL GARCÍA LEIVA

- 2017 Artículo: Brain reward system's alterations in response to food and monetary stimuli in overweight and obese individuals, *Human Brain Mapping*, 38, 2, 666-677

ANTONIO VERDEJO GARCÍA

- 2017 Artículo: Independent functional connectivity networks underpin food and monetary reward sensitivity in obesity, *NeuroImage*, 146, , 293-300

ANTONIO VERDEJO GARCÍA

- 2017 Artículo: Trait and neurobiological underpinnings of negative emotion regulation in gambling disorder, *ADDICTION*, 12, 6, 1086-1094

ANTONIO VERDEJO GARCÍA

OREN CONTRERAS RODRÍGUEZ

- 2017 Artículo: Trait and neurobiological underpinnings of negative emotion regulation in gambling disorder, *ADDICTION*, 112, 6, 1086-1094

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OREN CONTRERAS RODRÍGUEZ

- 2017 Artículo: Paclitaxel-loaded hollow-poly(4-vinylpyridine) nanoparticles enhance drug chemotherapeutic efficacy in lung and breast cancer cell lines, *Nano Research*, 10, , 1-20

JOSÉ MANUEL BAEYENS CABRERA

- 2017 Artículo: The Effect of Epidural Analgesia Alone and in Association With Other Variables on the Risk of Cesarean Section, *Biological Research for Nursing*, 1, , 1099800417706023-1099800417706023

CONCEPCIÓN RUIZ RODRÍGUEZ

- 2017 Artículo: Melatonin enhances neural stem cell differentiation and engraftment by increasing mitochondrial function, *Journal of Pineal Research*, , , e12415-

JOSE MANUEL RODRIGUEZ FERRER

- 2017 Artículo: One-year calorie restriction impacts gut microbial composition but not its metabolic performance in obese adolescents, *Environmental Microbiology*, 19, , 1536-1551

CRISTINA CAMPOY FOLGOSO

- 2017 Meeting-Abstract: Visceral Fat and Insular Networks: Implications on Food Craving, Biological Psychiatry, 81, 10, S103-S104  
ANTONIO VERDEJO GARCÍA  
OREN CONTRERAS RODRÍGUEZ
- 2017 Meeting-Abstract: Visceral fat and insular networks in excess weight: effects on food craving and weight regulation, European Neuropsychopharmacology, 27, , S91-S92  
ANTONIO VERDEJO GARCÍA  
OREN CONTRERAS RODRÍGUEZ
- 2017 Artículo: Sigma-1 Receptor Antagonists: A New Class of Neuromodulatory Analgesics., Advances in Experimental Medicine and Biology, 964, 109, -132  
CRISTINA SÁNCHEZ FERNÁNDEZ  
ENRIQUE JOSÉ COBOS DEL MORAL  
JOSÉ MANUEL BAEYENS CABRERA
- 2017 Artículo: Association between executive function and outcome measure of treatment in therapeutic community among cocaine dependent individuals, Journal of Substance Abuse Treatment, 78, , 45-55  
ANTONIO VERDEJO GARCÍA
- 2017 Artículo: (+)-and (-)-Phenazocine enantiomers: Evaluation of their dual opioid agonist/ $\mu$ 1 antagonist properties and antinociceptive effects., European Journal Of Medicinal Chemistry, 125, , -  
CRISTINA SÁNCHEZ FERNÁNDEZ  
ENRIQUE JOSÉ COBOS DEL MORAL
- 2017 Artículo: Roles for CD8+ T Cells and IL-10 in the Resolution of Paclitaxel-Induced Neuropathic Pain, The Journal of Neuroscience, 37, 11, 2803-2805  
INMACULADA BRAVO CAPARROS
- 2017 Artículo: Poly(ethylmethacrylate-co-diethylaminoethyl acrylate) coating improves endothelial re-population, bio-mechanical and anti-thrombogenic properties of decellularized carotid arteries for blood vessel replacement., Scientific Reports, 7, 1, -  
FRANCISCO JESÚS ARREBOLA VARGAS
- 2017 Artículo: Importance of mental performance in parental choice of food for children aged 4-10 years: a study in four European countries., Public Health Nutrition, 20, 6, 992-1000  
CRISTINA CAMPOY FOLGOSO
- 2017 Artículo: Physical fitness and shapes of subcortical brain structures in children., British Journal of Nutrition, 27, , 1-10  
CRISTINA CAMPOY FOLGOSO
- 2017 Artículo: Systematic Review on N-3 and N-6 Polyunsaturated Fatty Acid Intake in European Countries in Light of the Current Recommendations - Focus on Specific Population Groups., Annals of Nutrition and Metabolism, 70, 1, 39-50  
CRISTINA CAMPOY FOLGOSO
- 2017 Artículo: Maternal Pre-Pregnancy Obesity Is Associated with Altered Placental Transcriptome., PloS One, 12, 1, e0169223-  
CRISTINA CAMPOY FOLGOSO
- 2017 Artículo: Complementary Feeding: A Position Paper by the European Society for Paediatric Gastroenterology, Hepatology, and Nutrition (ESPGHAN) Committee on Nutrition., Journal of Pediatric Gastroenterology and Nutrition, 64, , 119-132  
CRISTINA CAMPOY FOLGOSO
- 2017 Artículo: Bilateral distribution of enkephalinase activity in the medial prefrontal cortex differs between WKY and SHR rats unilaterally lesioned with 6-hydroxydopamine, Progress in Neuro-Psychopharmacology & Biological Psychiatry, 75, , 213-218  
RAQUEL DURAN OGALLA
- 2017 Artículo: Association of telomere length with IL-6 levels during an obesity treatment in adolescents: interaction with the-174G/C polymorphism in the IL-6 gene, Pediatric Obesity, 12, 3, 257-263  
CRISTINA CAMPOY FOLGOSO
- 2017 Artículo: Mild Social Stress in Mice Produces Opioid-Mediated Analgesia in Visceral but Not Somatic Pain States., The Journal of Pain, 18, 6, 716-725  
ENRIQUE JOSÉ COBOS DEL MORAL  
JOSÉ MANUEL BAEYENS CABRERA  
RAFAEL GONZÁLEZ CANO
- 2017 Artículo: Visceral and somatic pain modalities reveal Nav 1.7-independent visceral nociceptive pathways, The Journal of Physiology, 595, 8, 2661-2679  
CRUZ MIGUEL CENDÁN MARTÍNEZ  
JOSÉ MANUEL BAEYENS CABRERA  
MIGUEL ÁNGEL TEJADA GIRÁLDEZ  
RAFAEL GONZÁLEZ CANO
- 2017 Artículo: The Combined Intervention with Germinated Vigna radiata and Aerobic Interval Training Protocol

- Is an Effective Strategy for the Treatment of Non-Alcoholic Fatty Liver Disease (NAFLD) and Other Alterations Related to the Metabolic Syndrome in Zucker Rats, *Nutrients*, 9, , 774-796  
FRANCISCO JESÚS ARREBOLA VARGAS
- 2017 Artículo: Altered cross-talk between the hypothalamus and non-homeostatic regions linked to obesity and difficulty to lose weight, *Scientific Reports*, 7, 1, 9951-  
ANTONIO VERDEJO GARCÍA  
OREN CONTRERAS RODRÍGUEZ
- 2017 Artículo en prensa: Risk assesments of epidural analgesia in the labor, *Clinical Nursing Research*, , , -  
CONCEPCIÓN RUIZ RODRÍGUEZ
- 2017 Artículo: Cultured human fibroblast biostimulation using 940 nm diode laser, *Materials*, 10, , 793-793  
CONCEPCIÓN RUIZ RODRÍGUEZ
- 2017 Artículo: Effects of Tetrodotoxin in Mouse Models of Visceral Pain., *Marine Drugs*, 15, 6, E188-  
CRUZ MIGUEL CENDÁN MARTÍNEZ  
MIGUEL ÁNGEL TEJADA GIRÁLDEZ  
RAFAEL GONZÁLEZ CANO
- 2017 Artículo: Flavor and object recognition memory impairment induced by excitotoxic lesions of the perirhinal cortex, *Neurobiology of Learning and Memory*, 144, , 230-234  
MILAGROS GALLO TORRE
- 2017 Artículo: On the relationship between head circumference, brain size, prenatal long-chain PUFA/5-methyltetrahydrofolate supplementation and cognitive abilities during childhood., *British Journal of Nutrition*, , , 1-9  
CRISTINA CAMPOY FOLGOSO
- 2017 Artículo: Cultural effects on neurodevelopmental testing in children from six European countries: an analysis of NUTRIMENTHE Global Database., *British Journal of Nutrition*, , , 1-9  
CRISTINA CAMPOY FOLGOSO
- 2017 Artículo: Association of maternal weight with FADS and ELOVL genetic variants and fatty acid levels- The PREOBE follow-up., *PlosOne*, 12, 6, e0179135-  
CRISTINA CAMPOY FOLGOSO
- 2017 Artículo: Probiotic, Prebiotic, and Brain Development., *Nutrients*, 9, 11, pii: E1247-  
CRISTINA CAMPOY FOLGOSO
- 2017 Artículo: The impacts of maternal iron deficiency and being overweight during pregnancy on neurodevelopment of the offspring., *British Journal of Nutrition*, 118, 7, 533-540  
CRISTINA CAMPOY FOLGOSO
- 2017 Artículo: Maternal BMI and gestational diabetes alter placental lipid transporters and fatty acid composition., *Placenta*, 57, , 144-151  
CRISTINA CAMPOY FOLGOSO
- 2017 Artículo: Maternal obesity is associated with gut microbial metabolic potential in offspring during infancy, *Journal of Physiology and Biochemistry*, , , -  
CRISTINA CAMPOY FOLGOSO
- 2017 Artículo: Development of the human shoulder joint during the embryonic and early fetal stages: anatomical considerations for clinical practice, *Journal of Anatomy*, , , -  
OLGA RODA MURILLO
- 2017 Artículo: Bilateral distribution of enkephalinase activity in the medial prefrontal cortex differs between WKY and SHR rats unilaterally lesioned with 6-hydroxydopamine, *Progress in Neuro-Psychopharmacology & Biological Psychiatry*, 75, , 213-218  
RAQUEL DURAN OGALLA
- 2017 Artículo: Sugar in Infants, Children and Adolescents: A Position Paper of the European Society for Paediatric Gastroenterology, Hepatology and Nutrition Committee on Nutrition., *Journal of Pediatric Gastroenterology and Nutrition*, 65, 1, 681-696  
CRISTINA CAMPOY FOLGOSO
- 2017 Artículo: Response to Letter: How Much Free Sugars Intake Should Be Recommended for Children Younger Than Two Years Old?, *Journal of Pediatric Gastroenterology and Nutrition*, , , -  
CRISTINA CAMPOY FOLGOSO
- 2017 Artículo: Grip strength in mice with joint inflammation: A rheumatology function test sensitive to pain and analgesia, *Neuropharmacology*, 125, , 231-242  
ÁNGELES MONTILLA GARCÍA  
EDUARDO FERNÁNDEZ SEGURA  
ENRIQUE JOSÉ COBOS DEL MORAL  
FRANCISCO JAVIER CAÑIZARES GARCÍA  
MIGUEL ÁNGEL TEJADA GIRÁLDEZ
- 2017 Artículo: Tripalmitin nanoparticle formulations significantly enhance paclitaxel antitumor activity against breast and lung cancer cells in vitro, *Scientific Reports*, 7, , 13506-13520  
JOSÉ MANUEL BAEYENS CABRERA

- 2017 Artículo: Avoidance and contact according to different profiles in stereotypes of morality and emotional reactions towards gypsy ethnic people, Revista Argentina de Ciencias del Comportamiento, 9, 3, 15-30  
JORGE LUIS ORDÓÑEZ CARRASCO
- 2017 Artículo: Comparison of the Predictive Capacity of the Erotophobia and Erotophilia and the Attitudes Toward Sexual Behaviors in the Sexual Experience of Young Adults, Psychological Reports, 0033294117741141, , -  
JORGE LUIS ORDÓÑEZ CARRASCO

#### Capítulos de libros (con ISBN)

- 2018 Título Capítulo: A neurocognitive approach to core components of gambling disorder: implications for assessment, treatment and policy, Título Libro: Harm Reduction for Problem Gambling: A Public Health Approach: Routledge, , 2018,  
ANTONIO VERDEJO GARCÍA
- 2017 Título Capítulo: Sigma-1 Receptor Antagonists: a New Class of Neuromodulatory Analgesics, Título Libro: Sigma Receptors: Their Role in Disease and as Therapeutic Targets: Springer-Nature, , 2017,  
CRISTINA SÁNCHEZ FERNÁNDEZ  
JOSÉ MANUEL BAEYENS CABRERA  
ENRIQUE JOSÉ COBOS DEL MORAL
- 2017 Título Capítulo: Human Gut Microbiota and Obesity During Development., Título Libro: Adiposity - Omics and Molecular Understanding: InTech, , 2017,  
CRISTINA CAMPOY FOLGOSO
- 2017 Título Capítulo: Nutrition and the Developing Brain, Título Libro: Swaiman's Pediatric Neurology: Principles and Practice, 6e: Elsevier, , 2017,  
CRISTINA CAMPOY FOLGOSO
- 2017 Título Capítulo: Tipos de tratamiento utilizados para la fibromialgia en Andalucía, Título Libro: Encuentros en Neurociencias (vol. IV): Gráficas Fernando, , 2017,  
JUAN MIGUEL GARCÍA LEIVA  
ELENA PITA CALANDRE

#### Contribuciones en congresos

- 2017 Poster en Congreso: Tripalmitin and p4VP nanoparticles as PTX delivery systems for breast cancer treatment, NanoSpain2017 Conference, 07/03/2017, , Congreso  
JOSÉ MANUEL BAEYENS CABRERA
- 2017 Comunicación en congreso: Perfil antigénico de fibroblastos en cultivo tratados con láser de diodo de 940nm., III Congreso Internacional en Contextos Clínicos y de la Salud, 08/03/2017, - Murcia, España, Congreso  
CONCEPCIÓN RUIZ RODRÍGUEZ
- 2017 Poster en Congreso: Expresión del Factor de Crecimiento Endotelial Vascular en osteoblastos humanos tratados con ibuprofeno., III Congreso Internacional en Contextos Clínicos y de la Salud, 08/03/2017, - Murcia, España, Congreso  
CONCEPCIÓN RUIZ RODRÍGUEZ
- 2017 Comunicación en congreso: Inhibición de la Expresión de los marcadores de diferenciación/maduración de osteoblastos humanos tratados in vitro con acetaminofen., III Congreso Internacional en Contextos Clínicos y de la Salud, 08/03/2017, - Murcia, España, Congreso  
CONCEPCIÓN RUIZ RODRÍGUEZ
- 2017 Comunicación en congreso: Expresión Génica del Factor de Crecimiento Transformante- $\beta$ 1, III Congreso Internacional en Contextos Clínicos y de la Salud, 08/03/2017, - Murcia, España, Congreso  
CONCEPCIÓN RUIZ RODRÍGUEZ
- 2017 Comunicación en congreso: Gut microbial glycosidases as translational biomarkers to assess host-microbe interactions in obesity, VIII WORKSHOP SOCIEDAD ESPAÑOLA DE PROBIOTICOS Y PREBIOTICOS, 23/03/2017, - Santiago de Compostela (A Coruña), España, Congreso  
CRISTINA CAMPOY FOLGOSO
- 2017 Poster en Congreso: Body mass index determines gut microbial metabolism independently of diet-induced shifts in community structure, 4th International Conference on Nutrition and Growth, 02/03/2017, Amsterdam, The Netherlands, Congreso  
CRISTINA CAMPOY FOLGOSO
- 2017 Comunicación en congreso: Pre-pregnancy maternal weight-dependent imprinting of neonatal gut microbial community and metabolism., 4th International Conference on Nutrition and Growth, 02/03/2017, Amsterdam, The Netherlands, Congreso  
CRISTINA CAMPOY FOLGOSO
- 2017 Poster en Congreso: Expresión génica del factor de crecimiento transformante beta-1 (TGF  $\beta$ 1) en osteoblastos humanos tratados con Alendronato, III Congreso Internacional en Contextos Clínicos y de la Salud, 08/03/2017, - Murcia, España, Congreso  
CONCEPCIÓN RUIZ RODRÍGUEZ

- 2017 Comunicación en congreso: Improved Image Based Protein Representations with Application to Membrane Protein Type Prediction,- 2017 40th International Conference on Telecommunications and Signal Processing, 05/07/2017, . BARCELONA, ESPAÑA, Congreso  
JOSE MARIA PEINADO HERREROS  
M<sup>a</sup> CONCEPCIÓN IRIBAR IBABE
- 2017 Poster en Congreso: Long-chain polyunsaturated fatty acids, but not folate, supplementation during pregnancy is related with weaker brain connectivity in children at 10 years of age, 50th Annual Meeting of the European Society for Paediatric Gastroenterology, Hepatology and Nutrition, 10/05/2017, - Praga, República Checa, Congreso  
CRISTINA CAMPOY FOLGOSO
- 2017 Ponencia en Congreso: SYSTEMATIC REVIEW ON N-3 AND N-6 PUFA INTAKE AND RECOMMENDATIONS IN LACTATING WOMEN, PREGNANT WOMEN AND INFANTS, 4th International Conference on Nutrition and Growth, 02/03/2017, Amsterdam, The Netherlands, Congreso  
CRISTINA CAMPOY FOLGOSO
- 2017 Ponencia en Congreso: MATERNAL GESTATIONAL DIABETES AFFECTS OFFSPRING NEURODEVELOPMENT AT 3.5 YEARS OLD. A FOLLOW-UP FROM THE PREOBE COHORT, 4th International Conference on Nutrition and Growth, 02/03/2017, Amsterdam, The Netherlands, Congreso  
CRISTINA CAMPOY FOLGOSO
- 2017 Comunicación en congreso: EFFECTS OF FISH OIL SUPPLEMENTATION AND/OR 5-METHYLTETRAHYDROFOLATE ON COLOSTRUM FATTY ACID COMPOSITION, 4th International Conference on Nutrition and Growth, 02/03/2017, Amsterdam, The Netherlands, Congreso  
CRISTINA CAMPOY FOLGOSO
- 2017 Comunicación en congreso: ASSOCIATION OF HEAD CIRCUMFERENCE GROWTH VELOCITY AND NEURODEVELOPMENT DURING THE FIRST 18 MONTHS OF LIFE IN HEALTHY INFANTS, 4th International Conference on Nutrition and Growth, 02/03/2017, Amsterdam, The Netherlands, Congreso  
CRISTINA CAMPOY FOLGOSO
- 2017 Comunicación en congreso: Effects of fish oil supplementation and/or 5- methyl-tetrahydrofolate on colostrum fatty acid composition, 4th International Conference on Nutrition and Growth, 02/03/2017, Amsterdam, The Netherlands, Congreso  
CRISTINA CAMPOY FOLGOSO
- 2017 Poster en Congreso: Association of linear growth velocity and behavior at 18 months of life in healthy children, 50th Annual Meeting of the European Society for Paediatric Gastroenterology, Hepatology and Nutrition, 10/05/2017, - Praga, República Checa, Congreso  
CRISTINA CAMPOY FOLGOSO
- 2017 Conferencias impartidas en Congreso: Sigma-1 receptors and pain: from mouse to man, Sigma-1 receptor symposium, 29/05/2017, . Barcelona, Congreso  
JOSÉ MANUEL BAEYENS CABRERA
- 2017 Conferencias impartidas en Congreso: Sigma-1 receptor blockade unmask peripheral opioid analgesia, 37 Congreso de la Sociedad Española de Farmacología, 17/06/2017, Barcelona, Congreso  
JOSÉ MANUEL BAEYENS CABRERA

#### **Profesores visitantes**

- Lydia Jiménez Díaz, Juan de Dios Navarro López y José Miguel Martínez González en el Máster de Neurociencias Básicas, Aplicadas y Dolor