

Farmacología

Áreas de conocimiento: Farmacología

Directora: Pilar Utrilla Navarro

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Página web: www.farmacologiagranada.ugr.es

Profesorado: CU: 6, PTU: 9 ,PTEU: 0, PDI Contratado y Otros: 10.

Tesis leídas

- Sigma-1 receptors control immune-driven peripheral opioid analgesia during inflammation

Doctorando: Miguel Ángel Tejada Giráldez

Director: Enrique J Cobos del Moral

Fecha de lectura: 29 de septiembre, 2017

Grupos de Investigación.

CTS164 FARMACOLOGIA DE PRODUCTOS NATURALES

- Responsable: JOSÉ JIMÉNEZ MARTÍN

CTS502 GRUPOS DE ESTUDIOS SOBRE CEFALÉAS, FIBROMIALGIA Y FÁRMACOS ACTIVOS SOBRE SNC

- Responsable: ELENA PITA CALANDRE

CTS109 NEUROFARMACOLOGIA DEL DOLOR

- Responsable: JOSÉ MANUEL BAEYENS CABRERA

Dirección y participación en Proyectos I+D

- 2017 IMPLEMENTATION OF A NOVEL PLATFORM TO MONITOR TUMOUR HETEROGENEITY AS A CRUCIAL DETERMINANT FOR INDIVIDUALIZED DIAGNOSTIC AND THERAPEUTIC OUTCOME., , 01/01/2017-31/12/2019

Investigador/a JUAN MANUEL DUARTE PÉREZ

- 2017 Estudio retrospectivo observacional: validación de una nueva solución en la resección endoscópica submucosa de pólipos intestinales., , 17/02/2017-16/02/2020

Investigador/a FERMÍN SÁNCHEZ DE MEDINA LOPEZ HUERTAS

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

Investigador/a FRANCISCO NIETO LÓPEZ

- 2017 Nueva Molécula en el campo de la analgesia (Multimodal 1): Desarrollo preclínico, ART. 68-83, 01/01/2017-31/12/2017

Investigador/a ÁNGELES MONTILLA GARCÍA

Investigador/a CRUZ MIGUEL CENDÁN MARTÍNEZ

Investigador/a ENRIQUE JOSÉ COBOS DEL MORAL

Investigador/a FRANCISCO NIETO LÓPEZ

Responsable JOSÉ MANUEL BAEYENS CABRERA

- 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 ENRIQUE JOSÉ COBOS DEL MORAL

Investigador/a CRUZ MIGUEL CENDÁN MARTÍNEZ

Investigador/a FRANCISCO NIETO LÓPEZ

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 FRANCISCO NIETO LÓPEZ

Investigador/a CRUZ MIGUEL CENDÁN MARTÍNEZ

Investigador/a ENRIQUE JOSÉ COBOS DEL MORAL

Publicaciones en revistas

- 2018 Review: Biosimilars: Concepts and controversies, Pharmacological Research, , , - REYES GÁMEZ BELMONTE

- 2018 Artículo: Orexin A in the ventral tegmental area enhances saccharin-induced conditioned flavor

- preference: The Role of D1 receptors in central nucleus of amygdala., *Behavioural Brain Research*, , 348, 192-200
SEVERIANO RISCO ACEDO
- 2018 Artículo: Bacteria-carried Iron Oxide Nanoparticles for Treatment of Anemia, *Bioconjugate Chemistry*, 29, 5, 1785-1791
JULIO JUAN GÁLVEZ PERALTA
MARÍA ELENA RODRIGUEZ CABEZAS
- 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
FRANCISCO NIETO LÓPEZ
RAFAEL GONZÁLEZ CANO
- 2018 Artículo: Modality-specific peripheral antinociceptive effects of ζ -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
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
- 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
- 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
MILAGROS GALISTEO MOYA
- 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
FRANCISCO NIETO LÓPEZ
MARI CARMEN RUIZ CANTERO
RAFAEL GONZÁLEZ CANO
- 2017 Artículo: CoQ deficiency causes disruption of mitochondrial sulfide oxidation, a new pathomechanism associated with this syndrome, *EMBO Molecular Medicine*, 9, 1, 78-95
JUAN MANUEL DUARTE PÉREZ
MIGUEL ROMERO PÉREZ
- 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: Chemical composition and immuno-modulatory effects of *Urtica dioica* L. (stinging nettle) extracts, *Phytotherapy Research*, , , -
FERMÍN SÁNCHEZ DE MEDINA LOPEZ HUERTAS
- 2017 Artículo: Activation of peroxisome proliferator activator receptor β/ζ improves endothelial dysfunction and protects kidney in murine lupus, *Hypertension*, 69, 4, 641-650
JUAN MANUEL DUARTE PÉREZ
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MARTA TORAL JIMÉNEZ
MIGUEL ROMERO PÉREZ
ROSARIO JIMÉNEZ MOLEON
- 2017 Review: Antihypertensive effects of Peroxisome proliferator-activated receptor β/ζ activation, *American Journal of Physiology. Heart and Circulatory Physiology*, 312, 2, H189-H200
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MIGUEL ROMERO PÉREZ
ROSARIO JIMÉNEZ MOLEON
- 2017 Review: Antihypertensive effects of probiotics, *Current Hypertension Reports*, 19, 4, 26-
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MARTA TORAL JIMÉNEZ

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ROSARIO JIMÉNEZ MOLEÓN

- 2017 Artículo: The hypoglycemic effects of guava leaf (*Psidium guajava* L.) extract are associated with improving endothelial dysfunction in mice with diet-induced obesity, *Food Research International*, 96, , 64-71

JUAN MANUEL DUARTE PÉREZ

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MIGUEL ROMERO PÉREZ

- 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: Glutamyl aminopeptidase in microvesicular and exosomal fractions of urine is related with renal dysfunction in cisplatin-treated rats, *PloS One*, 12, 4, 1-15

MANUEL GÓMEZ GUZMÁN

- 2017 Artículo: The hypoglycemic effects of guava leaf (*Psidium guajava* L.) extract are associated with improving endothelial dysfunction in mice with diet-induced obesity, *Food Research International*, , , -

JULIO JUAN GÁLVEZ PERALTA

- 2017 Artículo: A synbiotic composed of *Lactobacillus fermentum* CECT5716 and FOS prevents the development of fatty acid liver and glycemic alterations in rats fed a high fructose diet associated with changes in the microbiota, *Molecular Nutrition and Food Research*, , , -

ANTONIO ZARZUELO ZURITA

BELÉN RIVERO GUTIÉRREZ

FERMÍN SÁNCHEZ DE MEDINA LOPEZ HUERTAS

REYES GÁMEZ BELMONTE

- 2017 Artículo: (+)-and (-)-Phenazocine enantiomers: Evaluation of their dual opioid agonist/ μ 1 antagonist properties and antinociceptive effects., *European Journal Of Medicinal Chemistry*, 125, , -

CRISTINA SÁNCHEZ FERNÁNDEZ

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- 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

FRANCISCO NIETO LÓPEZ

- 2017 Artículo: Effect of vanadium on calcium homeostasis, osteopontin mRNA expression, and bone microarchitecture in STZ-induced diabetic rats, *Metallomics*, 9, , 258-267

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- 2017 Artículo: Glutamyl aminopeptidase in microvesicular and exosomal fractions of urine is related with renal dysfunction in cisplatin-treated rats, *PloS One*, 12, 4, -

MANUEL GÓMEZ GUZMÁN

- 2017 Artículo: A novel role for small molecule glycomimetics in the protection against lipid-induced endothelial dysfunction: Involvement of Akt/eNOS and Nrf2/ARE signaling., *Biochimica et Biophysica Acta*, 1861, 1, 3311-3322

JUAN MANUEL DUARTE PÉREZ

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- 2017 Artículo: Inflammatory pain control by blocking oxidized phospholipid-mediated TRP channel activation, *Scientific Reports*, , , -

FRANCISCO NIETO LÓPEZ

- 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

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- 2017 Artículo: Visceral and somatic pain modalities reveal NaV 1.7-independent visceral nociceptive pathways, *The Journal of Physiology*, 595, 8, 2661-2679

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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

MILAGROS GALISTEO MOYA

- 2017 Artículo: Differential intestinal anti-inflammatory effects of *Lactobacillus fermentum* and *Lactobacillus*

- salivarius in DSS mouse colitis: impact on microRNAs expression and microbiota composition, *Molecular Nutrition and Food Research*, , , -
JULIO JUAN GÁLVEZ PERALTA
MARÍA ELENA RODRIGUEZ CABEZAS
- 2017 Artículo: Intestinal Anti-inflammatory Effects of Outer Membrane Vesicles from *Escherichia coli* Nissle 1917 in DSS-Experimental Colitis in Mice., *Frontiers in Microbiology*, 8, 1274, 1274-
JULIO JUAN GÁLVEZ PERALTA
- 2017 Artículo: Immunomodulatory properties of *Olea europaea* leaf extract in intestinal inflammation., *Molecular Nutrition and Food Research*, , , -
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- 2017 Artículo: Exploring the Role of CYP3A4 Mediated Drug Metabolism in the Pharmacological Modulation of Nitric Oxide Production., *Frontiers in Pharmacology*, 8, 202, -
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- 2017 Artículo: Non-muscular myosin light chain kinase triggers intermittent hypoxia-induced interleukin-6 release, endothelial dysfunction and permeability, *Scientific Reports*, 7, Article number: 13664, -
MANUEL GÓMEZ GUZMÁN
- 2017 Artículo: Effects of Tetrodotoxin in Mouse Models of Visceral Pain., *Marine Drugs*, 15, 6, E188-
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ÁNGELES MONTILLA GARCÍA
ENRIQUE JOSÉ COBOS DEL MORAL
- 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

Capítulos de libros (con ISBN)

- 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: Tipos de tratamiento utilizados para la fibromialgia en Andalucía, Título Libro: *Encuentros en Neurociencias (vol. IV): Gráficas Fernando*, , 2017,
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 Sesión plenaria en Congreso: Farmacocinética de los fármacos biológicos, II Congreso de Psoriasis, 20/01/2017, - MADRID, ESPAÑA, Congreso
FERMÍN SÁNCHEZ DE MEDINA LOPEZ HUERTAS
- 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