

Bioquímica y Biología Molecular I

Áreas de conocimiento: Bioquímica y Biología Molecular I

Director: José Antonio Lupiáñez Cara

Secretaria: Patricia Izquierdo Ortiz

Página web: <http://bbm1.ugr.es>

Profesorado: CU: 3, PTU: 9 PDI Contratado y Otros: 10

Tesis Leídas

- Estudio de la actividad funcional de los microARNs en cáncer de pulmón. Desarrollo de nuevas estrategias terapéuticas.

Doctorando: Isabel Fernández Coira

Director: Pedro Medina Vico

Fecha de lectura: 7 de junio de 2018

Grupos de Investigación.

CTS236 BIOMEMBRANAS

- Responsable: CARMEN MARCO DE LA CALLE

BIO319 Centro Pfizer-Universidad de Granada-Junta de Andalucía de Genómica y Oncología

- Responsable: PEDRO JOSE REAL LUNA

BIO157 DROGAS, TOXICOS AMBIENTALES Y METABOLISMO CELULAR

- Responsable: JOSE ANTONIO LUPIAÑEZ CARA

CTS168 METABOLISMO DE SMC EN LA ATROSCLEROSIS

- Responsable: ANA LINARES GIL

CTS993 Regulación de la Expresión Génica y Cáncer

- Responsable: PEDRO PABLO MEDINA VICO

Dirección y participación en Proyectos I+D

- 2017 Desarrollo de estrategias de Terapia Génica-Celular para el tratamiento del Síndrome de Bernard-Soulier., , 01/01/2017-31/12/2019

Investigador PEDRO JOSE REAL LUNA

- 2017 Nuevos tratamientos farmacológicos antitumorales basados en la actividad del complejo swi/snf, Competitivo, 01/01/2017-31/10/2018

Responsable PEDRO PABLO MEDINA VICO

- 2017 Dextran Sulfate, Beta Cell Preservation and Immune Regulation in Type 1 Diabetes, , 01/04/2017-31/03/2021

Investigador/a JUAN CARLOS ALVAREZ PEREZ

- 2017 Exercise in the prevention and treatment of obesity and insulin resistance: Smart analysis-smart interventions. The SmartMove project, , 01/01/2017-31/12/2020

Coordinador SIGNE ALTMÄE

Contratos de investigación

- 2017 Contrato de trabajo para servicio determinado, , 05/05/2017-05/02/2018

Investigador/a MARÍA DEL MAR BONILLO LAMOLDA

Publicaciones en revistas

- 2018 Artículo: Modulating Anti-Cancer Potential by Modifying the Structural Properties of a Family of Zinc Metal-Organic Chains Based on 4-Nitro-1H-pyrazole, Crystal Growth and Design, 18, , 969-978

EVA ENCARNACION RUFINO PALOMARES

FERNANDO JESUS REYES ZURITA

JOSE ANTONIO LUPIAÑEZ CARA

- 2018 Artículo: Sertoli cell-specific ablation of miR-17-92 cluster significantly alters whole testis transcriptome without apparent phenotypic effects, PloS One, 13 (5), e0197685, -

ROGELIO JESÚS PALOMINO MORALES

- 2017 Artículo: Adamdec1, EdnrB and PtgS1/Cox1, inflammation genes upregulated in the intestinal mucosa of obese rats, are downregulated by three probiotic strains, Scientific Reports, 7, , 1939-

MARÍA JOSÉ SAEZ LARA

- 2017 Artículo: BRG1 regulation by miR-155 in human leukemia and lymphoma cell lines., Clinical & Translational Oncology, , , -

CARLOS BALIÑAS GAVIRA

PAOLA PEINADO FERNÁNDEZ

PEDRO PABLO MEDINA VICO

- 2017 Artículo: Site-to-site interdomain communication may mediate different loss of function mechanisms in a cancer-associated NQO1 polymorphism, Scientific Reports, 7, , 44532-

ROGELIO JESÚS PALOMINO MORALES

- 2017 Artículo: Induced pluripotent stem cells derived from Bernard-Soulier Syndrome patient's peripheral blood cells with a p.Phe55Ser mutation in the GPIX gene., *Stem Cell Research*, 20, , 10-13
PEDRO JOSE REAL LUNA
- 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, -
PEDRO JOSE REAL LUNA
- 2017 Artículo: Alkylphospholipids: An update on molecular mechanisms and clinical relevance, *Biochimica et biophysica acta. Biomembranes*, , , -
CARMEN MARCO DE LA CALLE
JOSÉ MANUEL JIMÉNEZ LÓPEZ
MARIA PAZ CARRASCO JIMENEZ
- 2017 Artículo: Preoperative chemoradiotherapy for rectal cancer: The sensitizer role of miR-375 and c-Myc association, *Oncotarget*, , , -
PEDRO PABLO MEDINA VICO
- 2017 Artículo: Synthesis and in vitro antiproliferative evaluation of PEGylated triterpene acids, *Fitoterapia (Milano, 1934)*, 120, , 25-40
FERNANDO JESUS REYES ZURITA
JOSE ANTONIO LUPIAÑEZ CARA
- 2017 Artículo: Physical fitness and shapes of subcortical brain structures in children., *British Journal of Nutrition*, 27, , 1-10
SIGNE ALTMÄE
- 2017 Artículo: Maternal Pre-Pregnancy Obesity Is Associated with Altered Placental Transcriptome., *PloS One*, 12, 1, e0169223-
SIGNE ALTMÄE
- 2017 Artículo en prensa: DNA methylation changes in endometrium and correlation with gene expression during the transition from pre-receptive to receptive phase, *Scientific Reports*, in press, , 1-8
SIGNE ALTMÄE
- 2017 Artículo en prensa: Compliance to the recommended use of folic acid supplements for women in Sweden is higher among those under treatment for infertility than among fertile controls and is also related to socioeconomic status and lifestyle, *Food & Nutrition Research*, in press, , -
SIGNE ALTMÄE
- 2017 Artículo: Preoperative chemoradiotherapy for rectal cancer: the sensitizer role of the association between miR-375 and c-Myc, *Oncotarget*, , , -
PEDRO PABLO MEDINA VICO
- 2017 Artículo: Enhanced vulnerability of human proteins towards disease-associated inactivation through divergent evolution, *Human Molecular Genetics*, 26, 18, 3531-3544
ROGELIO JESÚS PALOMINO MORALES
- 2017 Artículo: RUNX1c regulates hematopoietic differentiation of human pluripotent stem cells possibly in cooperation with pro-inflammatory signaling., *Stem Cells*, , , -
MARÍA DEL MAR BONILLO LAMOLDA
PEDRO JOSE REAL LUNA
- 2017 Artículo: Gene expression profiling in the intestinal mucosa of obese rats administered probiotic bacteria, *Scientific Data*, 4, article number 170186, -
MARÍA JOSÉ SAEZ LARA
- 2017 Artículo: Choline kinase inhibition and docking studies of a series of 6-(benzylthio)-9H-purin-9-yl-pyridinium derivatives., *Medicinal Chemistry Research*, 26, , 2809-2815
CARMEN MARCO DE LA CALLE
MARIA PAZ CARRASCO JIMENEZ
- 2017 Artículo: The value of lncRNA FENDRR and FOXF1 as a prognostic factor for survival of lung adenocarcinoma, *Oncotarget*, , , -
ISABEL FERNÁNDEZ COIRA
MARÍA ISABEL RODRÍGUEZ LARA
PEDRO PABLO MEDINA VICO

Capítulos de libros (con ISBN)

- 2017 Título Capítulo: OMICs studies and endometriosis biomarker identification, Título Libro: Biomarkers for Endometriosis: Humana Press-Springer Nature, , 2017,
SIGNE ALTMÄE

Contribuciones en congresos

- 2017 Poster en Congreso: LA ADMINISTRACIÓN DE TRES CEPAS PROBIÓTICAS PROVOCA CAMBIOS EN LA MICROBIOTA INTESTINAL EN UN MODELO ANIMAL DE OBESIDAD, XXI CONGRESO SEIMC 2017,

11/05/2017, MALAGA, Congreso

MARÍA JOSÉ SAEZ LARA

- 2017 Poster en Jornada: Hypoxia regulates Megakaryopoietic Differentiation of Human Pluripotent Stem Cells, II Jornadas de Investigadores en Formación: fomentando la interdisciplinaridad (JIFFI), 17/05/2017, Antigua Facultad de Medicina. Granada (España), Jornada

PEDRO JOSE REAL LUNA

MARÍA DEL MAR BONILLO LAMOLDA

- 2017 Poster en Congreso: Lead optimization-hit expansion of new asymmetrical compounds as anticancer agents., 4th EFMC Young Medicinal Chemist Symposium, 31/08/2017, Viena, AUSTRIA, Congreso

CARMEN MARCO DE LA CALLE

MARIA PAZ CARRASCO JIMENEZ

- 2017 Ponencia en Congreso: Protein Phosphatase 2A Regulates c-Myc and Glucose-Mediated Beta-Cell Replication, Protein Phosphatase 2A Regulates c-Myc and Glucose-Mediated Beta-Cell Replication, 09/06/2017, san diego, ca. usa, Congreso

JUAN CARLOS ALVAREZ PEREZ

- 2017 Poster en Congreso: Choline kinase alpha 1 inhibitor EB-3P deregulates phosphatidylcholine and cholesterol metabolism, XL Congreso de la Sociedad Española de Bioquímica y Biología Molecular, 23/10/2017, . Barcelona, Congreso

MARIA PAZ CARRASCO JIMENEZ

CARMEN MARCO DE LA CALLE

JOSÉ MANUEL JIMÉNEZ LÓPEZ