

Bioquímica y Biología Molecular 2

Áreas de conocimiento: Bioquímica y Biología Molecular

Director: Rafael Salto González

Secretario: Luis Fontana Gallego

Página web: <https://bbm2.ugr.es/>

Profesorado: CU: 11, PTU: 7, PDI Contratado y Otros: 4.

Tesis leídas

- Análisis metabólico diferencial de cepa salvaje MT103 y modificada genéticamente MTBVAC para su uso como vacuna en la tuberculosis
Doctorando: Caridad Días Navarro
Director: Antonio Sánchez Pozo, Francisca de Vicente Pérez
Fecha de lectura: 11-12-20
- Estudio de ATF4 (Activating Transcription Factor 4) como biomarcador de agresividad en cáncer de mama triple negativo.
Doctorando: Adrián González González,
Director: Sergio Granados Principal
Fecha de lectura: 09/09/2020.
- Determinación de genotoxicidad en neonatos mediante métodos de diagnóstico no invasivos.
Doctorando: Encarnacion Romero Sanchez.
Director: Sergio Granados Principal
Fecha de lectura: 06/11/2012.
- Efecto del hidroxitirosol sobre la cardiotoxicidad producida por doxorubicina.
Doctorando: Nuri El-Azem De haro.
Director: Sergio Granados Principal
Fecha de lectura: 05/12/2012.
- Regulation of transposable Elements by microRNAs in cáncer
Doctorando: Pablo Tristán-Ramos
Director: Sara Rodríguez Heras
Fecha de lectura: 02/10/2020

Grupos de Investigación.

- CTS131 ATENCION FARMACEUTICA. GIAF-UGR
- Responsable: MARÍA JOSÉ FAUS DADER
- CTS461 BIOQUIMICA DE LA NUTRICIÓN. IMPLICACIONES TERAPEUTICAS
- Responsable: ANGEL GIL HERNANDEZ
- BIO342 Epigenética en células madre y cáncer
- Responsable: DAVID LANDEIRA FRIAS
- CTS627 FISIOLÓGIA Y BIOQUÍMICA NUTRICIONAL DEL ESTRES OXIDATIVO
- Responsable: MARIA CARMEN RAMIREZ TORTOSA
- CTS235 GRASAS INSATURADAS Y NUCLEOTIDOS.IMPLICACIONES TERAPEUTICAS
- Responsable: OLGA MARTINEZ AUGUSTIN
- BIO212 REGULACION BIOQUIMICA Y GENETICA DEL METABOLISMO
- Responsable: ALBERTO MANUEL VARGAS MORALES

Dirección y participación en Proyectos I+D

- 2021 RED DE SALUD MATERNO-INFANTIL Y DEL DESARROLLO, Competitivo PROYECTOS DE INVESTIGACIÓN EN SALUD. INSTITUTO DE SALUD CARLOS III. CONVOCATORIA 2016, 01/01/2017-31/12/2021
Responsable MARIA DOLORES MESA GARCIA
- 2021 Análisis Metabólico del Efecto de Un Aceite de Oliva Virgen Enriquecido en Compuestos Bioactivos Obtenidos de la Propia Aceituna, en Ratas Hipertensas, Proyectos I+D+I - Programa Operativo FEDER Andalucía 2014-2020, 01/01/2020-31/12/2021
Investigador/a JULIO PLAZA DIAZ
Investigador MARIA DOLORES MESA GARCIA
Investigador ANGEL GIL HERNANDEZ
- 2021 Red salud materno infantil y del desarrollo 3, FONDO DE INVESTIGACIÓN SANITARIA (FIS) PROGRAMA REDES, 01/01/2017-31/12/2021
Investigador MARIA DOLORES MESA GARCIA
- 2021 Descubrimiento de las nuevas funciones de la leche humana y la fosfatasa alcalina no específica de tejidos, Acción Complementaria Plan Nacional I+D+I, 01/01/2021-31/12/2024
Investigador OLGA MARTINEZ AUGUSTIN

- 2021 La fosfatasa alcalina no específica de tejido como diana nutricional y farmacológica en la inflamación y la función de barrera intestinal, Ayudas a proyectos destinados a Universidades Públicas y Centros de Investigación, 01/06/2021-31/12/2022
Investigador OLGA MARTINEZ AUGUSTIN
- 2021 The European Human Biomonitoring Initiative (HMB4EU)", H2020, 01/01/2019-31/12/2022
Investigador/a OLGA MARTINEZ AUGUSTIN
- 2020 Unidad Científica de Excelencia en Ejercicio y Salud (UCEES): Ejercicio físico para la prevención y el tratamiento de enfermedades crónicas no transmisibles y la mejora de la salud de poblaciones especiales, Plan Propio de Investigación 2016, Acciones de Excelencia: Unidades Científicas de Excelencia, 01/01/2017-31/12/2020
Investigador/a ANGEL GIL HERNANDEZ
- 2020 Microbiota mamaria e intestinal y su relación con el cáncer de mama, Consejería de Salud, 01/01/2018-31/12/2020
Responsable LUIS FONTANA GALLEGO
Participante JULIO PLAZA DIAZ
- 2020 Análisis de perfiles de expresión de ARN y la función de polycomb en células tumorales circulantes, Acción Estratégica de Salud. proyectos integrados de excelencia, 15/05/2018-12/05/2020
Investigador ANTONIO SÁNCHEZ POZO
- 2020 'CARBON DOTS FUNCIONALES: SINTESIS, CARACTERIZACION Y APLICACIONES BIOLOGICAS', Competitivo PROYECTOS DE INVESTIGACIÓN DEL PLAN NACIONAL, CONVOCATORIA 2017, 01/01/2018-31/12/2020
Responsable MARIA DOLORES GIRON GONZALEZ
- 2020 EFSA Obemirisk - Knowledge Platform for Assessing the Risk of Bisphenols on Gut Microbiota and Its Role in Obesogenic Phenotype: Looking for Biomarkers, Agencia Europea de Seguridad Alimentaria (EFSA). Patnering Grants, 29/03/2019-28/03/2021
Investigador/a ANTONIO SUAREZ GARCIA
- 2020 ESTUDIO FUNCIONAL DE LAS PROTEÍNAS POLYCOMB EN LA FORMACIÓN DE BUCLES DE CROMATINA REGULACIÓN GENICA DURANTE EL CICLO CELULAR EN CÉLULAS MADRE PLURIPOTENTES, Convocatoria 2019 de «Proyectos de I+D+i», en el marco de los Programas Estatales de Generación de Conocimiento y Fortalecimiento Científico y Tecnológico del Sistema de I+D+i y de I+D+i Orientada a los Retos de la Sociedad, del Plan Estatal de Investiga, 01/06/2020-01/06/2023
Investigador/a ANTONIO SÁNCHEZ POZO
- 2020 Investigación y desarrollo de nuevos productos alimentarios para la elaboración de una cesta saludable para alimentación infantil (MEDKIDS), CIEN, 01/10/2019-30/10/2023
Investigador/a ANGEL GIL HERNANDEZ
Investigador/a CONCEPCIÓN MARÍA AGUILERA GARCÍA
Investigador/a MARIA DOLORES MESA GARCIA
- 2020 Evaluación clínica de un aceite de oliva funcional enriquecido en compuestos bioactivos procedentes de la propia aceituna con actividad antihipertensiva y cardioprotectora, Proyectos CIEN, 01/10/2019-30/09/2023
Investigador MARIA DOLORES MESA GARCIA
Investigador CONCEPCIÓN MARÍA AGUILERA GARCÍA
Investigador/a ANGEL GIL HERNANDEZ
- 2020 Evaluación clínica de una crema untable preparada con aceite de oliva virgen enriquecido en fitosteroles y compuestos bioactivos procedentes de la propia aceituna con actividad hipocolesterolemia y cardioprotector, Acciones Complementarias del Programa Nacional de Proyectos Científicos de Investigación Fundamental, Modalidad A., 01/10/2020-30/09/2023
Investigador MARIA DOLORES MESA GARCIA
Investigador/a ANGEL GIL HERNANDEZ
Investigador CONCEPCIÓN MARÍA AGUILERA GARCÍA
- 2020 Análisis del estudio de intervención global del proyecto medkids, Proyectos CIEN, 01/10/2019-30/09/2023
Investigador/a ANGEL GIL HERNANDEZ
Investigador CONCEPCIÓN MARÍA AGUILERA GARCÍA
Investigador MARIA DOLORES MESA GARCIA
- 2020 Mitotic bookmarking by Polycomb proteins in stem cells (PolyBook), Junta de Andalucía Proyectos Modalidad A. Proyectos de generación de conocimiento Frontera, 02/06/2021-02/06/2023
Investigador/a ANTONIO SÁNCHEZ POZO

Contratos de investigación

- 2020 Analyses of human breast milk, , 24/02/2017-01/03/2020
Responsable ANGEL GIL HERNANDEZ

Publicaciones en revistas

- 2021 Artículo: Association between dietary factors and brown adipose tissue volume/¹⁸F-FDG uptake in young adults, *Clinical Nutrition*, 40, 4, 1997-2008
ANGEL GIL HERNANDEZ
- 2021 Artículo: Nutritional Importance of Selected Fresh Fishes, Shrimps and Mollusks to Meet Compliance with Nutritional Guidelines of n-3 LC-PUFA Intake in Spain, *Nutrients*, 13, 2, 465-
ANGEL GIL HERNANDEZ
MARIA DOLORES MESA GARCIA
- 2021 Artículo: From Green Technology to Functional Olive Oils: Assessing the Best Combination of Olive Tree-Related Extracts with Complementary Bioactivities, *Antioxidants*, 10, , 202-
MARIA DOLORES MESA GARCIA
- 2021 Artículo: Supplementation with liquid whey and ACIDAL® ML in drinking water affect gut pH and microflora and productive performance in laying hens, *British Poultry Science*, 62, , 138-146
ANGEL GIL HERNANDEZ
MARIA DOLORES MESA GARCIA
- 2021 Artículo: Insights into the Impact of Microbiota in the Treatment of NAFLD/NASH and Its Potential as a Biomarker for Prognosis and Diagnosis, *Biomedicines*, 9, 2, -145
JULIO PLAZA DIAZ
- 2021 Artículo en prensa: Premature Birth Infants Present Elevated Inflammatory Markers in the Meconium, *Frontiers in Pediatrics*, 8, , 627475-
OLGA MARTINEZ AUGUSTIN
- 2021 Artículo: Single chain variable fragment fused to maltose binding protein: a modular nanocarrier platform for the targeted delivery of antitumorals, *Biomaterials Science*, 9, , 1728-1738
MARIA DOLORES GIRON GONZALEZ
RAFAEL SALTO GONZALEZ
SIMONA PLESSELOVA
- 2021 Artículo: Omics Approaches in Adipose Tissue and Skeletal Muscle Addressing the Role of Extracellular Matrix in Obesity and Metabolic Dysfunction, *International Journal of Molecular Sciences*, 22, 5, 1-33
CONCEPCIÓN MARÍA AGUILERA GARCÍA
FRANCISCO JAVIER RUIZ OJEDA
JULIO PLAZA DIAZ
- 2021 Artículo: Relationship between Physical Activity, Oxidative Stress, and to-Tal Plasma Antioxidant Capacity in Spanish Children from the GENOBOX Study, *Antioxidants*, 10, , 320-
ANGEL GIL HERNANDEZ
CONCEPCIÓN MARÍA AGUILERA GARCÍA
MARIA DOLORES MESA GARCIA
- 2021 Artículo: Synthesis, biological, and photophysical studies of molecular rotor-based fluorescent inhibitors of the Trypanosome Alternative Oxidase, *European Journal of Medicinal Chemistry*, , , 113470-
MARIA DOLORES GIRON GONZALEZ
RAFAEL SALTO GONZALEZ
SIMONA PLESSELOVA
- 2021 Artículo: Quinolimide-based peptide biosensor for probing p25 in vitro and in living cells, *Sensors and Actuators B: Chemical*, , , 129929-
MARIA DOLORES GIRON GONZALEZ
RAFAEL SALTO GONZALEZ
SIMONA PLESSELOVA
- 2021 Artículo: Mapping the entire functionally active endometrial microbiota, *Human Reproduction*, 36, 4, 1021-1031
JULIO PLAZA DIAZ
- 2021 Artículo: Therapeutic Value of Single Nucleotide Polymorphisms on the Efficacy of New Therapies in Patients with Multiple Sclerosis, *Journal of Personalized Medicine*, , , -
MARIA CARMEN RAMIREZ TORTOSA
- 2021 Artículo: Dietary Intake, Nutritional Adequacy and Food Sources of Protein and Relationships with Personal and Family Factors in Spanish Children Aged One to < 10 years: results of the EsNuPI Study, *Nutrients*, 13, 8, 1062-
ANGEL GIL HERNANDEZ
- 2021 Artículo: Insulin Crystals Grown in Short-Peptide Supramolecular Hydrogels Show Enhanced Thermal Stability and Slower Release Profile, *ACS Applied Materials and Interfaces*, 13, 10, 11672-11682
OLGA MARTINEZ AUGUSTIN
- 2021 Artículo: Infant Gut Microbiota Associated with Fine Motor Skills, *Nutrients*, 13, 1673, 1-13
ANTONIO SUAREZ GARCIA
- 2021 Artículo: Next Generation Probiotics for Neutralizing Obesogenic Effects: Taxa Culturing Searching

Strategies, Nutrients, 13, 1617, 1-26

ANTONIO SUAREZ GARCIA

- 2021 Artículo: Representative Bacillus sp. AM1 from Gut Microbiota Harbor Versatile Molecular Pathways for Bisphenol A Biodegradation, International Journal of Molecular Sciences, 22, 4952, 1-12

ANTONIO SUAREZ GARCIA

- 2020 Artículo: Longevity and cause of death in male Wistar rats fed lifelong diets based on virgin olive oil, sunflower oil or fish oil, The Journals of Gerontology. Series A: Biological Sciences & Medical Sciences, 75, 3, 442-451

MARIA CARMEN RAMIREZ TORTOSA

- 2020 Artículo: Effects of Probiotics on Metabolic Syndrome: A systematic Review of Randomized Clinical Trials, Nutrients, 12, , 124-

ANGEL GIL HERNANDEZ

CAROLINA GÓMEZ LLORENTE

- 2020 Artículo: Orthogonal cell polarity imaging by multiparametricfluorescencemicroscopy, Sensors and Actuators B: Chemical, 309, , 127770-

MARIA DOLORES GIRON GONZALEZ

RAFAEL SALTO GONZALEZ

- 2020 Artículo: Polycomb regulation is coupled to cell cycle transition in pluripotent stem cells, Science Advances, 6, 10, -

AMADOR GALLARDO DE LOS REYES

DAVID LANDEIRA FRIAS

- 2020 Artículo: The COPHELA (Cooperation in Quality Assurance for Pharmacy Education and Training between Europe and Latinamerica) project, Pharmacy, 8, 29, -

ANTONIO SÁNCHEZ POZO

- 2020 Artículo: The molecular clock protein Bmal1 regulates cell differentiation in mouse embryonic stem cells, Life Science Alliance, 3, 5, e201900535-

AMADOR GALLARDO DE LOS REYES

ANTONIO SÁNCHEZ POZO

DAVID LANDEIRA FRIAS

- 2020 Artículo: Inflammatory markers and bone mass in children with overweight/obesity: the role of muscular fitness, Pediatric Research, 87, 1, 42-47

CONCEPCIÓN MARÍA AGUILERA GARCÍA

- 2020 Artículo: Association of ABCB1 and VEGFA gene polymorphisms with breast cancer susceptibility and prognosis, Pathology research and practice, 216, 4, 152860-

ANTONIO SÁNCHEZ POZO

- 2020 Artículo: Differential IL 10 serum production between an arm-based and a leg-based maximal resistance test, Cytokine, 126, , 154915-

JULIO PLAZA DIAZ

LUIS FONTANA GALLEGRO

- 2020 Artículo: Efficacy and Safety of a Novel Submucosal Injection Solution for Resection of Gastrointestinal Lesions, Journal of Clinical Medicine, 9, 4, E1162-

OLGA MARTINEZ AUGUSTIN

- 2020 Artículo: Molecular action mechanism of anti-inflammatory hydrolysates obtained from brewers' spent grain, Journal of the Science of Food and Agriculture, 100, 7, 2880-2888

OLGA MARTINEZ AUGUSTIN

- 2020 Artículo: The Mediation Effect of Self-Report Physical Activity Patterns in the Relationship Between Educational Level and Cognitive Impairment in Elderly: A Cross-Sectional Analysis of Chilean Health National Survey 2016-2017, International Journal of Environmental Research and Public Health, 17, 8, -

JULIO PLAZA DIAZ

- 2020 Artículo: Cardiorespiratory Fitness, Physical Activity, Sedentary Time and Its Association with the Atherogenic Index of Plasma in Chilean Adults: Influence of the Waist Circumference to Height Ratio, Nutrients, 12, 1250, -

JULIO PLAZA DIAZ

- 2020 Artículo: Inflammatory Markers and Bone Mass in Children With Overweight/Obesity: The Role of Muscular Fitness, Pediatric Research, , , -

CONCEPCIÓN MARÍA AGUILERA GARCÍA

- 2020 Artículo: Brown adipose tissue volume and 18F-FDG uptake are not associated with energy intake in young human adults, The American Journal of Clinical Nutrition, 111, 2, 329-339

ANGEL GIL HERNANDEZ

- 2020 Artículo: Pharmacokinetics of maslinic and oleanolic acids from olive oil. Effects on endothelial function in healthy adults. A randomized, controlled, dose-response study., Food Chemistry, 322, , 126676-

MARIA DOLORES MESA GARCIA

- 2020 Artículo: The gut microbiota and its implication in the development of atherosclerosis and related cardiovascular diseases, *Nutrients*, 12, , 605-
JULIO PLAZA DIAZ
- 2020 Artículo: eXplainable Artificial Intelligence (XAI) for the identification of biologically relevant gene expression patterns in longitudinal human studies, insights from obesity research, *PLoS Computational Biology*, 16, 4, 1-34
CONCEPCIÓN MARÍA AGUILERA GARCÍA
- 2020 Artículo: Simple and non-charged long-lived fluorescent intracellular organelle trackers, *Dyes and Pigments*, , 108649, -
MARIA DOLORES GIRON GONZALEZ
RAFAEL SALTO GONZALEZ
- 2020 Artículo: New Opportunities for Endometrial Health by Modifying Uterine Microbial Composition: Present or Future?, *Biomolecules*, 10, 4, -
JULIO PLAZA DIAZ
- 2020 Artículo: Hydroxytyrosol modifies skeletal muscle GLUT4/AKT/Rac1 axis in trained rats, *Journal of Cellular Physiology*, Online ahead of print, , -
FRANCISCO JAVIER RUIZ OJEDA
JULIO PLAZA DIAZ
- 2020 Artículo: Differential inflammatory response of men and women subjected to an acute resistance exercise, *Biomedical Journal*, , , -
JULIO PLAZA DIAZ
LUIS FONTANA GALLEGRO
- 2020 Artículo: Pharmacokinetics of maslinic and oleanolic acids from olive oil ζ Effects on endothelial function in healthy adults. A randomized, controlled, dose ζ response study, *Food Chemistry*, 322, , -
MARIA DOLORES MESA GARCIA
- 2020 Artículo: Energy Intake, Macronutrient Profile and Food Sources of Spanish Children Aged One to <10 Years-Results from the EsNuPI Study, *Nutrients*, 12, 4, 893-
ANGEL GIL HERNANDEZ
- 2020 Artículo: Usual Dietary Intake, Nutritional Adequacy and Food Sources of Calcium, Phosphorus, Magnesium and Vitamin D of Spanish Children Aged One to <10 Years. Findings from the EsNuPI Study, *Nutrients*, 12, 6, E1787-
ANGEL GIL HERNANDEZ
- 2020 Artículo: Antioxidants and oxidative stress in children: influence of puberty and metabolically unhealthy status, *Antioxidants*, 9, , 618-
ANGEL GIL HERNANDEZ
CONCEPCIÓN MARÍA AGUILERA GARCÍA
MARIA DOLORES MESA GARCIA
- 2020 Artículo: Evaluation of the Predictive Ability, Environmental Regulation and Pharmacogenetics Utility of a BMI-Predisposing Genetic Risk Score during Childhood and Puberty, *Journal of Clinical Medicine*, 9, 6, -
ANGEL GIL HERNANDEZ
CONCEPCIÓN MARÍA AGUILERA GARCÍA
MARÍA BELÉN PASTOR VILLAESCUSA
- 2020 Artículo: The protein S100A4 as a novel marker of insulin resistance in prepubertal and pubertal children with obesity, *Metabolism*, , , -
ANGEL GIL HERNANDEZ
CAROLINA GÓMEZ LLORENTE
CONCEPCIÓN MARÍA AGUILERA GARCÍA
- 2020 Artículo: A Multi-Omics Approach Reveals New Signatures in Obese Allergic Asthmatic Children, *Biomedicine*, 8, , 359-
ANGEL GIL HERNANDEZ
CAROLINA GÓMEZ LLORENTE
CONCEPCIÓN MARÍA AGUILERA GARCÍA
MARIA DOLORES MESA GARCIA
- 2020 Review: Plausible Biological Interactions of Low- and Non-Calorie Sweeteners with the Intestinal Microbiota: An Update of Recent Studies, *Nutrients*, 12, 4, -
FRANCISCO JAVIER RUIZ OJEDA
JULIO PLAZA DIAZ
MARÍA BELÉN PASTOR VILLAESCUSA
- 2020 Artículo: Study of the fetal and maternal microbiota in pregnant women with intrauterine growth restriction and its relationship with inflammatory biomarkers: A case-control study protocol (SPIRIT compliant), *Medicine (Baltimore)*, 99, 46, -
CAROLINA GÓMEZ LLORENTE

- 2020 Artículo: Dietary Intake, Nutritional Adequacy and Food Sources of Total Fat and Fatty Acids, and Relationships with Personal and Family Factors in Spanish Children Aged One to < 10 years: results of the EsNuPI Study, *Nutrients*, 12, 8, 2467-
ANGEL GIL HERNANDEZ
- 2020 Artículo: Clustering of Dietary Patterns and Lifestyles Among Spanish Children in the EsNuPI Study, *Nutrients*, 12, 8, 2536-
ANGEL GIL HERNANDEZ
JULIO PLAZA DIAZ
- 2020 Artículo: Active integrins regulate white adipose tissue insulin sensitivity and brown fat thermogenesis, *Molecular Metabolism*, 21, 101147, -
FRANCISCO JAVIER RUIZ OJEDA
- 2020 Artículo: Probiotic Strains and Intervention Total Doses for Modulating Obesity-Related Microbiota Dysbiosis: A Systematic Review and Meta-Analysis, *Nutrients*, 12, 1921, 1-29
ANTONIO SUAREZ GARCIA
- 2020 Artículo: Distinct whole-blood transcriptome profile of children with metabolic healthy overweight/obesity compared to metabolic unhealthy overweight/obesity, *Pediatric Research*, , , -
CONCEPCIÓN MARÍA AGUILERA GARCÍA
- 2020 Artículo: Does intermittent exposure to high altitude increase the risk of cardiovascular disease in workers? A systematic narrative review, *BMJ Open*, 10, 11, -e041532
JULIO PLAZA DIAZ
- 2020 Artículo: Circadian Rhythms in Hormone-sensitive Lipase in Human Adipose Tissue: Relationship to Meal Timing and Fasting Duration, *The Journal of Clinical Endocrinology & Metabolism*, 105, 12, 1-10
OLGA MARTINEZ AUGUSTIN
- 2020 Artículo en prensa: Deficiency in Tissue Non-Specific Alkaline Phosphatase Leads to Steatohepatitis in Mice Fed a High Fat Diet Similar to That Produced by a Methionine and Choline Deficient Diet, *International Journal of Molecular Sciences*, 22, 1, 51-
OLGA MARTINEZ AUGUSTIN
- 2020 Artículo: Dietary Complex and Slow Digestive Carbohydrates Prevent Fat Deposits During Catch-Up Growth in Rats, *Nutrients*, 12, 9, 2568-
JOSÉ DÁMASO VILCHEZ RIENDA
MARIA DOLORES GIRON GONZALEZ
RAFAEL SALTO GONZALEZ
- 2020 Artículo: Programming Skeletal Muscle Metabolic Flexibility in Offspring of Male Rats in Response to Maternal Consumption of Slow Digesting Carbohydrates during Pregnancy., *Nutrients*, 12, 2, 528-
JOSÉ DÁMASO VILCHEZ RIENDA
MARIA DOLORES GIRON GONZALEZ
RAFAEL SALTO GONZALEZ
- 2020 Artículo: Human Plasma-Derived 3D Cultures Model Breast Cancer Treatment Responses and Predict Clinically Effective Drug Treatment Concentrations, *Cancers*, , , -
SIMONA PLESSELOVA
- 2020 Artículo: Seeding and Growth of β -Amyloid Aggregates upon Interaction with Neuronal Cell Membranes, *International Journal of Molecular Sciences*, 21, 14, 5035-
MARIA DOLORES GIRON GONZALEZ
RAFAEL SALTO GONZALEZ
- 2020 Artículo: The Gut Microbiome in Polycystic Ovary Syndrome and its Association with Metabolic Traits, *The Journal of Clinical Endocrinology & Metabolism*, 106, 3, 858-871
JULIO PLAZA DIAZ
- 2020 Artículo: Association of genetic polymorphisms on methotrexate toxicity in patients with rheumatoid arthritis., *Archives of Medical Science*, , , -
MARIA CARMEN RAMIREZ TORTOSA
- 2020 Artículo: Carbohydrates, Starch, Total Sugar, Fiber Intakes and Food Sources in Spanish Children Aged One to <10 Years-Results from the EsNuPI Study, *Nutrients*, 12, 10, 3171-
ANGEL GIL HERNANDEZ

Contribuciones en congresos

- 2020 Ponencia en Congreso: Searching for differential metabolites between *Mycobacterium tuberculosis* and the MTBVAC vaccine using non-targeted approach metabolomics., *European RFMF Metabomeeting*, 22/01/2020, Toulouse, Congreso
ANTONIO SÁNCHEZ POZO
- 2020 Poster en Congreso: De la síntesis a las aplicaciones biomédicas de nuevos sensores fluorescentes, *III Simposio de la Unidad de Excelencia en Química Aplicada a Biomedicina y Medioambiente*, 17/01/2020, Facultad de Ciencias, Universidad de Granada, Congreso
MARIA DOLORES GIRON GONZALEZ

RAFAEL SALTO GONZALEZ

- 2020 Ponencia en Congreso: An innovative method for the determination of vitamin D in human milk using stable isotopes, Conferencia FINUT 2020, 11/10/2020, Virtual, Congreso

MARIA DOLORES MESA GARCIA

ANGEL GIL HERNANDEZ

- 2020 Poster en Congreso: The LINE-1 interactome is dynamic during cellular differentiation, Cold Spring Harbor Laboratory "Transposable Elements" Meeting, 06/10/2020, Virtual, Congreso

ANTONIO SÁNCHEZ POZO

- 2020 Ponencia en Congreso: Presentación Proyecto COPHELA: Objetivos y desarrollo, SIMPOSIO IBEROAMERICANO COIFFA 2020, 13/11/2020, ACTIVIDAD VIRTUAL, Congreso

ANTONIO SÁNCHEZ POZO

- 2020 Comunicación en congreso: Building Accurate Polarity Maps through Multiparametric Fluorescence Imaging, Live online - AEBIN Photochemistry School 2020, 07/09/2020, San Sebastián, Congreso

RAFAEL SALTO GONZALEZ

MARIA DOLORES GIRON GONZALEZ

- 2020 Poster en Congreso: Microbial roadmap along the menstrual cycle: a new approach to identify active microorganism in the uterus, 36th Annual Meeting of the European Society of Human Reproduction and Embryology, 06/07/2020, Online, Congreso

JULIO PLAZA DIAZ