

## Bioquímica y Biología Molecular II

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**Áreas de conocimiento:** Bioquímica, Biología Molecular

**Director:** Rafael Salto González

**Secretario:** Luis Fontana Gallego

**Página web:** <http://farmacia.ugr.es/BBM2/index.html>

**Profesorado:** CU: 11, PTU: 6, PDI Contratado y Otros: 5.

### 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 FISIOLÓGÍA 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

- 2019 Knowledge Platform for Assessing the Risk of Bisphenols on Gut Microbiota and Its Role in Obesogenic Phenotype: Looking for Biomarkers, , 15/03/2019-15/03/2021  
Investigador/a ANTONIO SUAREZ GARCIA
- 2018 Integration Of Omics And Environmental Data To Develop Artificial Intelligence-based Predictive Tools For The Early-life Prevention Of Adulthood Obesity-related Chronic Diseases, , 01/03/2018-28/02/2019  
Investigador CONCEPCIÓN MARÍA AGUILERA GARCÍA
- 2018 Microbiota mamaria e intestinal y su relación con el cáncer de mama, , 01/01/2018-31/12/2020  
Participante JULIO PLAZA DIAZ  
Responsable LUIS FONTANA GALLEGO
- 2018 Análisis de perfiles de expresión de ARN y la función de polycomb en células tumorales circulantes, , 15/05/2018-12/05/2020  
Investigador ANTONIO SÁNCHEZ POZO
- 2018 'CARBON DOTS FUNCIONALES: SINTESIS, CARACTERIZACION Y APLICACIONES BIOLOGICAS', Competitivo, 01/01/2018-31/12/2020  
Responsable MARIA DOLORES GIRON GONZALEZ
- 2018 INTEGRATION OF OMICS AND ENVIRONMENTAL DATA TO DEVELOP ARTIFICIAL INTELLIGENCE-BASED PREDICTIVE TOOLS FOR THE EARLY-LIFE PREVENTION OF ADULTHOOD OBESITY-RELATED CHRONIC DISEASES, Competitivo, 14/02/2018-14/02/2019  
Responsable CONCEPCIÓN MARÍA AGUILERA GARCÍA
- 2018 Estudio epidemiológico de la microbiota de niños críticamente enfermos y su relación con el desarrollo de complicaciones y biomarcadores de inflamación, , 01/11/2018-  
Investigador/a JULIO PLAZA DIAZ  
Investigador MARIA DOLORES MESA GARCIA
- 2018 Role of nutritional intervention on fuel use in different organs and tissues in physiological or pathological situations, , 19/03/2018-31/12/2018  
Coordinador RAFAEL SALTO GONZALEZ  
Coordinador MARIA DOLORES GIRON GONZALEZ
- 2018 Influence of ingredients on the regulation of key metabolic pathways in muscle, hepatic, adipose and pancreatic cells, , 20/07/2018-31/12/2018  
Coordinador RAFAEL SALTO GONZALEZ  
Coordinador MARIA DOLORES GIRON GONZALEZ
- 2018 Muscle proliferation and differentiation: A Search for bioactive compounds, , 14/10/2018-13/10/2019  
Coordinador RAFAEL SALTO GONZALEZ  
Coordinador MARIA DOLORES GIRON GONZALEZ

### Contratos de investigación

- 2018 Estudio de la eficacia in vitro de compuestos inmunomoduladores, , 19/06/2018-31/12/2019  
Responsable LUIS FONTANA GALLEGO  
Responsable ANGEL GIL HERNANDEZ

### Publicaciones en revistas

- 2019 Artículo: Effects of X-chromosome Tenomodulin Genetic Variants on Obesity in a Childrens Cohort and Implications of the Gene in Adipocyte Metabolism, Scientific Reports, 9, 3979, -  
ANGEL GIL HERNANDEZ  
CAROLINA GÓMEZ LLORENTE  
CONCEPCIÓN MARÍA AGUILERA GARCÍA  
FRANCISCO JAVIER RUIZ OJEDA  
JOSUNE OLZA MENESES
- 2019 Artículo en prensa: Activation of Human Brown Adipose Tissue by Capsinoids, Catechins, Ephedrine, and Other Dietary Components: A Systematic Review, Advances in Nutrition, , , -  
CONCEPCIÓN MARÍA AGUILERA GARCÍA
- 2019 Artículo: New Thiol-Sensitive Dye Applications for Measuring Oxidative Stress in Cell Cultures, Scientific Reports, , , -  
JOSÉ DÁMASO VILCHEZ RIENDA  
MARIA DOLORES GIRON GONZALEZ  
RAFAEL SALTO GONZALEZ
- 2019 Artículo: A slow-digesting carbohydrate diet during rat pregnancy protects offspring from non-alcoholic fatty liver disease risk through the modulation of the carbohydrate-response element and sterol regulatory element binding proteins, Nutrients, 11, 4, -  
JOSÉ DÁMASO VILCHEZ RIENDA  
MARIA DOLORES GIRON GONZALEZ  
RAFAEL SALTO GONZALEZ
- 2019 Artículo: Role of Functional Fortified Dairy Products in Cardiometabolic Health: A Systematic Review and Meta-analyses of Randomized Clinical Trials, Advances in Nutrition, 10, Suppl 2, S251-S271  
ANGEL GIL HERNANDEZ
- 2019 Artículo: COMPARATIVE METABOLOMICS BETWEEN MYCOBACTERIUM TUBERCULOSIS AND THE MTBVAC VACCINE CANDIDATE, ACS Infectious Diseases, , , -  
ANTONIO SÁNCHEZ POZO
- 2019 Artículo: Acid anhydride coated carbon nanodots: activated platforms for engineering clicked (bio)nanoconstructs, Nanoscale, 11, 16, 7850-7856  
MARIA DOLORES GIRON GONZALEZ  
RAFAEL SALTO GONZALEZ  
SIMONA PLESSELOVA
- 2019 Artículo: Association of breast and gut microbiota dysbiosis and the risk of breast cancer: a case-control clinical study, BMC Cancer, 19, 1, Art. 495-  
JULIO PLAZA DIAZ  
LUIS FONTANA GALLEGRO
- 2018 Artículo: Gene pathways associated with mitochondrial function, oxidative stress and telomere length are differentially expressed in the liver of rats fed lifelong on virgin olive, sunflower or fish oils, The Journal of Nutritional Biochemistry, 20, 52, 33-40  
MARIA CARMEN RAMIREZ TORTOSA
- 2018 Artículo: Maternal obesity is associated with gut microbial metabolic potential in offspring during infancy, Journal of Physiology and Biochemistry, 74, 1, 159-169  
ANTONIO SUAREZ GARCIA
- 2018 Review: Biosimilars: Concepts and controversies, Pharmacological Research, , , -  
OLGA MARTINEZ AUGUSTIN
- 2018 Artículo: Inhibitor of apoptosis proteins, NAIP, cIAP1 and cIAP2 expression during macrophage differentiation and M1/M2 polarization, PloS One, 13, 3, e0193643-1-e0193643-19  
JULIO PLAZA DIAZ
- 2018 Artículo: A Red-Emitting, Multidimensional Sensor for the Simultaneous Cellular Imaging of Biothiols and Phosphate Ions, Sensors, 18, , 161-  
MARIA DOLORES GIRON GONZALEZ  
RAFAEL SALTO GONZALEZ
- 2018 Artículo: Modulation by hydroxytyrosol of oxidative stress and antitumor activities of paclitaxel in breast cancer, European Journal of Nutrition, , , -  
MARIA CARMEN RAMIREZ TORTOSA
- 2018 Artículo: Hydroxytyrosol: Bioavailability, toxicity, and clinical applications, Food Research International, 105, , 654-667  
MARIA CARMEN RAMIREZ TORTOSA
- 2018 Artículo: Gut microbial functional maturation and succession during human early life, Environmental Microbiology, 20, 6, 2160-2177  
ANTONIO SUAREZ GARCIA
- 2018 Artículo: RNase H2, mutated in Aicardi-Goutières syndrome, promotes LINE-1 retrotransposition,

- EMBO Journal, 37, 15, 98506-  
ANTONIO SÁNCHEZ POZO
- 2018 Artículo: PEI-NIR Heptamethine Cyanine Nanotheranostics for Tumor Targeted Gene Delivery, Bioconjugate Chemistry, 29, 8, 2561-2575  
MARIA DOLORES GIRON GONZALEZ  
RAFAEL SALTO GONZALEZ
- 2018 Artículo: Feeding a slowly digestible carbohydrate diet during pregnancy of insulin-resistant rats prevents the excess of adipogenesis in their offspring, The Journal of Nutritional Biochemistry, 61, , 183-196  
JOSÉ DÁMASO VILCHEZ RIENDA  
MARIA DOLORES GIRON GONZALEZ  
RAFAEL SALTO GONZALEZ
- 2018 Artículo: Activating Transcription Factor 4 Modulates TGF $\beta$ -Induced Aggressiveness in Triple-Negative Breast Cancer via SMAD2/3/4 and mTORC2 Signaling, Clinical Cancer Research, 24, 22, 5697-5709  
DAVID LANDEIRA FRIAS
- 2018 Editorial: Nutrients and Diet: A relationship between Oxidative Stress, Aging, Obesity, and Related Noncommunicable Diseases, Oxidative Medicine and Cellular Longevity, 2018, , 1-1  
CAROLINA GÓMEZ LLORENTE
- 2018 Artículo: Vitamin D: Classic and Novel Actions, Annals of Nutrition & Metabolism, 18, 72, 87-95  
ANGEL GIL HERNANDEZ  
JULIO PLAZA DIAZ  
MARIA DOLORES MESA GARCIA
- 2018 Artículo: Omega 3 fatty acids in cardiovascular disease risk factors: An updated systematic review of randomised clinical trials, Clinical Nutrition, , , -  
ANGEL GIL HERNANDEZ
- 2018 Artículo: Immune-Mediated Mechanisms of Action of Probiotics and Synbiotics in Treating Pediatric Intestinal Diseases, Nutrients, 10, 1, E42-  
ANGEL GIL HERNANDEZ  
FRANCISCO JAVIER RUIZ OJEDA  
JULIO PLAZA DIAZ
- 2018 Artículo: Carbohydrate and lipid consumption before a training session changed the fat mass in health-physically active adults: a controlled and randomized clinical trial, Nutrición Hospitalaria, 35, 4, 936-941  
JULIO PLAZA DIAZ
- 2018 Artículo: Human Milk Oligosaccharides and Immune System Development, Nutrients, 10, 8, E1038-  
ANGEL GIL HERNANDEZ  
JULIO PLAZA DIAZ  
LUIS FONTANA GALLEGO
- 2018 Artículo: Breast Cancer and Its Relationship with the Microbiota, International Journal of Environmental Research and Public Health, 15, 8, E1747-  
JULIO PLAZA DIAZ  
LUIS FONTANA GALLEGO
- 2018 Artículo: Technology Prospecting of Infant Stool as a Source of Novel Probiotic Products, Revista GEINTEC: Gestão, Inovação e Tecnologias, 8, 1, 4240-4249  
ANGEL GIL HERNANDEZ  
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- 2018 Artículo: Milk and dairy product consumption and inflammatory biomarkers: an updated systematic review of randomized clinical trials, Advances in Nutrition, Forthcoming, , -  
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- 2018 Artículo: Role of functional fortified dairy products on health. A systematic review of randomized clinical trials, Advances in Nutrition, Forthcoming, , -  
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- 2018 Review: Genetic Factors and Molecular Mechanisms of Vitamin D and Obesity Relationship, Annals of Nutrition & Metabolism, , , -  
CONCEPCIÓN MARÍA AGUILERA GARCÍA  
FRANCISCO JAVIER RUIZ OJEDA
- 2018 Review: Epigenética de la obesidad, Nutrición Clínica en Medicina, 12, 2, 47-60  
CONCEPCIÓN MARÍA AGUILERA GARCÍA
- 2018 Artículo: Evidence of high 18F-Fluorodeoxyglucose uptake in the subcutaneous adipose tissue of the dorsocervical area in young adults, Experimental Physiology, Ahead of print, , -  
ANGEL GIL HERNANDEZ  
CONCEPCIÓN MARÍA AGUILERA GARCÍA

- 2018 Artículo: Evaluation of the effect of Lactobacillus reuteri V3401 on biomarkers of inflammation, cardiovascular risk and liver steatosis in obese adults with metabolic syndrome: a randomized clinical trial (PROSIR), BMC Complementary and Alternative Medicine, 18, , 306-  
ANGEL GIL HERNANDEZ  
CAROLINA GÓMEZ LLORENTE  
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LUIS FONTANA GALLEG0
- 2018 Artículo: Effects of dairy product consumption on height and bone mineral content in children: a systematic review of controlled trials, Advances in Nutrition, , , -  
ANGEL GIL HERNANDEZ
- 2018 Artículo: Cardiovascular risk biomarkers and metabolically unhealthy status in prepubertal children: Comparison of definitions, Nutrition, Metabolism, and Cardiovascular Diseases, , , -  
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JOSUNE OLZA MENESES
- 2018 Artículo: 25-Hydroxyvitamin D levels of children are inversely related to adiposity assessed by body mass index, Journal of Physiology and Biochemistry, 74, 1, 111-118  
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- 2018 Artículo: Skin temperature response to a liquid meal intake is different in men than in women., Clinical Nutrition, , , -  
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- 2018 Artículo: Modulation by hydroxytyrosol of oxidative stress and antitumor activities of paclitaxel in breast cancer, European Journal of Nutrition, , , 1-9  
MARIA CARMEN RAMIREZ TORTOSA
- 2018 Artículo: Retos actuales de la investigación en nutrición aplicada: ¿persona o población?, Nutrición Hospitalaria, 35, , 39-43  
ANGEL GIL HERNANDEZ
- 2018 Artículo: Added Sugars and Low- and No-Calorie Sweeteners in a Representative Sample of Food Products Consumed by the Spanish ANIBES Study Population, Nutrients, 10, , -  
ANGEL GIL HERNANDEZ
- 2018 Artículo: Dietary Intake and Food Sources of Niacin, Riboflavin, Thiamin and Vitamin B<sub>6</sub> in a Representative Sample of the Spanish Population. The Anthropometry, Intake, and Energy Balance in Spain (ANIBES) Study, Nutrients, 10, , -  
ANGEL GIL HERNANDEZ
- 2018 Artículo: The influence of place of residence, gender and age influence on food group choices in the Spanish population: Findings from the ANIBES study, Nutrients, 10, , -  
ANGEL GIL HERNANDEZ
- 2018 Artículo: Experimental acute pancreatitis is enhanced in mice with tissue nonspecific alkaline phosphatase haplodeficiency due to modulation of neutrophils and acinar cells, Biochimica et Biophysica Acta. Molecular Basis of Disease, , , -  
OLGA MARTINEZ AUGUSTIN
- 2018 Artículo: miR-146a regulates the crosstalk between intestinal epithelial cells, microbial components and inflammatory stimuli., Scientific Reports, 8, 1, -  
OLGA MARTINEZ AUGUSTIN
- 2018 Artículo: Adenylyl Cyclase 6 is Involved in the Hyposecretory Status of Experimental Colitis., Pflugers Archiv: European Journal of Physiology, 470, 11, 1705-1717  
OLGA MARTINEZ AUGUSTIN
- 2018 Artículo: Green Alga Ulva spp. Hydrolysates and Their Peptide Fractions Regulate Cytokine Production in Splenic Macrophages and Lymphocytes Involving the TLR4-NF $\kappa$ B/MAPK Pathways., Marine Drugs, 16, 7, -  
OLGA MARTINEZ AUGUSTIN
- 2018 Artículo: Effects of virgin olive oils differing in their bioactive compound contents on metabolic syndrome and endothelial functional risk biomarkers in healthy adults: A randomized double-blind controlled trial, Nutrients, 10, 5, -  
ANGEL GIL HERNANDEZ  
MARIA DOLORES MESA GARCIA
- 2018 Artículo: Compuestos bioactivos del aceite de oliva, Nutrición Clínica en Medicina, 12, , 80-94  
MARIA DOLORES MESA GARCIA

#### Libros (con ISBN)

- 2019 Guía fotográfica de porciones de alimentos consumidos en España: Fundación Iberoamericana de

- Nutrición, Granada, 2019,  
ANGEL GIL HERNANDEZ
- 2018 ATENCIÓN FARMACÉUTICA SERVICIOS FARMACÉUTICOS ORIENTADOS AL PACIENTE: Editorial Técnica AVICAM, Granada, España, 2018, 978-84-16992-59-1  
MARÍA JOSÉ FAUS DADER
  - 2018 La leche como vehículo de salud de la población. Situaciones fisiológicas especiales: mujer gestante: FEN-FINUT, , 2018,  
ANGEL GIL HERNANDEZ

#### Capítulos de libros (con ISBN)

- 2018 Titulo Capítulo: Molecular basis of oxidative Stress and Inflammation, Titulo Libro: Obesity: Oxidative Stress and Dietary Antioxidants: Elsevier BV, Cambridge, UK, 2018, 9780128125052  
CAROLINA GÓMEZ LLORENTE  
JULIO PLAZA DIAZ  
MARIA DOLORES MESA GARCIA
- 2018 Titulo Capítulo: Polyphenols in Obesity and Metabolic Syndrome, Titulo Libro: Obesity: Oxidative Stress and Dietary Antioxidants: Elsevier BV, Cambridge, UK, 2018, 9780128125052  
MARÍA BELÉN PASTOR VILLAESCUSA
- 2018 Titulo Capítulo: El pan, una joya de la alimentación y la nutrición, Titulo Libro: Tratado Aranzadi de Alimentación y Bebidas: Aranzadi, Pamplona, 2018, 978-84-9177-475-4. DL NA 1474-2018  
ANGEL GIL HERNANDEZ

#### Contribuciones en congresos

- 2019 Sesión plenaria en Congreso: Cooperation in Quality Assurance for Pharmacy Education and Training between Europe and Latin America (COPHELA)., VIII CONGRESO IBEROAMERICANO DE CIENCIAS FARMACEUTICAS UAC-COIFFA 2019, 01/07/2019, Campeche, México, Congreso  
ANTONIO SÁNCHEZ POZO
- 2018 Poster en Congreso: Contribution of the phoP virulence gene to the metabolomic profile of Mycobacterium tuberculosis and its implications in the MTBVAC vaccine, 28th Congress of the European Society of Clinical Microbiology and Infectious Diseases, 21/04/2018, Madrid, Congreso  
ANTONIO SÁNCHEZ POZO
- 2018 Conferencia Congreso no publicada: Facts and mistakes in pharmacy education-Global view: An European Perspectiv, Eastern Mediterranean University. Pharmacy Student' Society's 4th Annual Congress, The Mosaic 2018, 09/05/2018, Fmagusta. Chiprrre, Congreso  
ANTONIO SÁNCHEZ POZO
- 2018 Conferencias impartidas en Congreso: Avances sobre mínimos curriculares y la asimilación universitaria de las competencias profesionales en la EU y LAC. Acuerdos relacionados con duración en años y el reconocimiento de créditos: Pharmine, Simposio Bi-Regional Unión Europea-Latino América y el Caribe sobre Armonización Curricular en Farmacia, 27/06/2018, UAM-Xochimilco. México, Congreso  
ANTONIO SÁNCHEZ POZO
- 2018 Poster en Congreso: Linking the molecular circadian clock with DNA repair in pluripotent cells, IV European Conference ¿Genomics of Complex Diseases: New Challenges¿, 04/10/2018, Granada, Congreso  
AMADOR GALLARDO DE LOS REYES
- 2018 Comunicación en congreso: Setting up a reversible system to study epigenetic plasticity during epithelial to mesenchymal transition in lung cancer, IV European Conference ¿Genomics of Complex Diseases: New Challenges¿, 04/10/2018, Granada, Congreso  
DAVID LANDEIRA FRIAS
- 2018 Ponencia en Congreso: Plasma metabolic profiling in autistic children with or without mental regression: a controlled prospective observational case-control study, XII Congreso Sociedad Española de Nutrición Comunitaria, 24/10/2018, Madrid, España, Congreso  
ANGEL GIL HERNANDEZ
- 2018 Poster en Congreso: Specific targeting to CD44 receptor by novel transfection reagents based on polyethyleneimine and hyaluronic acid, 41 Congreso de la Sociedad Española de Bioquímica y Biología Molecular, 10/09/2018, Santander, España, Congreso  
RAFAEL SALTO GONZALEZ  
JOSÉ DÁMASO VILCHEZ RIENDA  
MARIA DOLORES GIRON GONZALEZ  
SIMONA PLESSELOVA
- 2018 Poster en Congreso: EFFECT OF SODIUM TUNGSTATE ON CELL PROLIFERATION AND SIGNALING IN DIFFERENT CELL TYPES, 41 Congreso de la Sociedad Española de Bioquímica y Biología Molecular, 10/09/2018, Santander, España, Congreso

MARIA DOLORES GIRON GONZALEZ

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JOSÉ DÁMASO VILCHEZ RIENDA

- 2018 Poster en Congreso: A FLEXIBLE THERANOSTICS PLATFORM FOR BREAST CANCER HER2+, 41 Congreso de la Sociedad Española de Bioquímica y Biología Molecular, 10/09/2018, Santander, España, Congreso

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- 2018 Poster en Congreso: EFFECT OF SODIUM TUNGSTATE ON CELL PROLIFERATION AND SIGNALING IN DIFFERENT CELL TYPES, 41 Congreso de la Sociedad Española de Bioquímica y Biología Molecular, 10/09/2018, Santander, España, Congreso

MARIA DOLORES GIRON GONZALEZ

RAFAEL SALTO GONZALEZ

- 2018 Poster en Congreso: Activation of Human Brown Adipose Tissue by Capsinoids, Catechins, Ephedrine, and Other Dietary Components: A Systematic Review, International Symposium: Role of brown adipose tissue in human health, 23/11/2018, Granada, Congreso

CONCEPCIÓN MARÍA AGUILERA GARCÍA

- 2018 Poster en Congreso: PAPEL DEL HIDROXITIROSO EN LA MODULACIÓN DE LA RESPUESTA PATOLÓGICA TUMORAL EN PACIENTES DIAGNOSTICADAS DE CÁNCER DE MAMA, III CONGRESO INTERNACIONAL DE ACEITE DE OLIVA VIRGEN, OLIVAR Y SALUD, 18/05/2018, Museo Ibérico de Jaén-Universidad de Jaén, Congreso

MARIA CARMEN RAMIREZ TORTOSA

- 2018 Poster en Congreso: PAPEL MODULADOR DEL HIDROXITIROSO EN EL ESTRÉS OXIDATIVO ASOCIADO AL TRATAMIENTO QUIMIOTERÁPICO NEOADYUVANTE EN CÁNCER DE MAMA, III CONGRESO INTERNACIONAL DE ACEITE DE OLIVA VIRGEN, OLIVAR Y SALUD, 18/05/2018, Museo Ibérico de Jaén-Universidad de Jaén, Congreso

MARIA CARMEN RAMIREZ TORTOSA

- 2018 Poster en Congreso: MATERNAL PRE-PREGNANCY BODY MASS INDEX IMPRINTS A DETERMINE GUT MICROBIAL COMMUNITY COMPOSITION WITH A SPECIFIC FUNCTIONALITY, XVII Congreso de la Sociedad Española de Nutrición (SEÑ) y X Jornada de l'Associació Catalana de Ciències de l'Alimentació (ACCA), 27/06/2018, Barcelona, Congreso

ANTONIO SUAREZ GARCIA

- 2018 Poster en Congreso: NEW FORMULA SUPPLEMENTED WITH MILK FAT GLOBULE MEMBRANE AND SYNBIOTICS MODULATES THE GUT MICROBIOTA AND REDUCE ILLNESS SYMPTOMS DURING INFANCY, XVII Congreso de la Sociedad Española de Nutrición (SEÑ) y X Jornada de l'Associació Catalana de Ciències de l'Alimentació (ACCA), 27/06/2018, Barcelona, Congreso

ANTONIO SUAREZ GARCIA

- 2018 Comunicación en congreso: Influencia del índice de Masa Corporal (IMC) materno sobre la composición y funcionalidad de la comunidad microbiana intestinal de los niños, 66 Congreso de la AEP, 07/06/2018, - Zaragoza, España,, Congreso

ANTONIO SUAREZ GARCIA

- 2018 Ponencia en Congreso: MODELO PREDICTIVO DEL DESARROLLO COGNITIVO INFANTIL EN FUNCIÓN DE LA MICROBIOTA INTESTINAL, 66 Congreso de la AEP, 07/06/2018, - Zaragoza, España,, Congreso

ANTONIO SUAREZ GARCIA

- 2018 Poster en Congreso: MILK FAT GLOBULE MEMBRANE AND SYNBIOTICS MODULATE GUT MICROBIOTA AND REDUCE ILLNESS SYMPTOMS IN INFANTS, Gut Microbiota For Health Word Summit 2018, 10/03/2018, - Roma, Italia, Congreso

ANTONIO SUAREZ GARCIA

- 2018 Poster en Congreso: ACCURACY OF A GUT MICROBIAL MODEL TO PREDICT INFANT COGNITIVE DEVELOPMENT, Gut Microbiota For Health Word Summit 2018, 10/03/2018, - Roma, Italia, Congreso

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- 2018 Poster en Congreso: GUT MICROBIAL COMMUNITY COMPOSITION AND FUNCTIONALITY ASSOCIATED WITH MATERNAL PRE-PREGNANCY BODY MASS INDEX, Gut Microbiota For Health Word Summit 2018, 10/03/2018, - Roma, Italia, Congreso

ANTONIO SUAREZ GARCIA

- 2018 Comunicación en Jornada: La microbiota intestinal está asociada al rendimiento cognitivo infantil, VII Jornadas del Instituto de Neurociencias ¿Federico Olóriz¿, 15/03/2018, CONSORCIO PARQUE DE LAS CIENCIAS, GRANADA, ESPAÑA, Jornada

ANTONIO SUAREZ GARCIA

- 2018 Poster en Jornada: Effect of sodium tungstate on cell proliferation, VI Jornadas de Medicina Genómica y Oncología de GENYO 2018, 12/12/2018, Granada, Jornada

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JOSÉ DÁMASO VILCHEZ RIENDA