

List of Posters. II Annual Meeting, 25-26 June 2018 - VIGO

**P1 - Going inside the phenotypic plasticity of triple negative breast cancer circulating tumor cells.**

Abreu M, Cabezas P, Abalo A, Martínez N, Varela V, García P, Sánchez L, López López R, Muínelo-Romay .

**P2 - Formin 2 links neuropsychiatric phenotypes at young age to an increased risk for dementia.**

Agís-Balboa RC, Pinhero P, Rebola N, Penedo MA, Rodrigues-Amorim DS, Rivera-Baltanás T, Blanco-Formoso M, Spuch C, Olivares-Díez JM, Fischer A, Sananbenesi F.

**P3 - Comparison of bacterial heat transfer under exposure to solutions with Cobalt and Titanium. Potential implications in orthopaedic surgery.**

Aveledo R, Aveledo A, Vázquez C, Lago N, Mato M, Legido JL.

**P4 - IC-Tagging: a general platform for production of protein microspheres as immunogens. Different expression systems, particle size and successful expression of difficult proteins.**

Barreiro-Piñeiro N, Brun A, Varela-Calviño R, Benavente J, Martínez-Costas J.

**P5 - Highly frequent mutations in a Spanish Alström cohort.**

Bea-Mascato B, Álvarez-Satta M, Ayuso C, Corton M, Valverde D.

**P6 - Dibenzylidene Sorbitol gels: Structural studies.**

Berride F, Dacuña B, Weiss RC, Cid MM.

**P7 - Au@Ag SERRS tags coupled to a lateral flow immunoassay for the sensitive detection of Pneumolysin.**

Blanco-Covián L, Montes-García V, Girard A, Fernández-Abedul MT, Pérez-Juste J, Pastoriza- Santos I, Faulds K, Graham D, Blanco-López MC.

**P8 - Early detection of Alzheimer's disease by identifying soluble fragments of LRP2 receptors.**

Blanco Formoso M, Spuch Calvar C, Rivera Baltanás T, Olivares JM, Furini LN, Correa Duarte MA.

**P9 - Thermal spas in Asturias in the 19th. Perspectives for the 21st Century.**

Díaz BN, Gómez CP, Mourelle ML, Legido JL.

**P10 - Biocompatible sphingolipid nanoemulsions for PET imaging.**

Díez-Villares S, Pellico J, Grijalvo S, Eritja R, Herranz F, de la Fuente M.

**P11 - Assessment of single-cell whole-genome amplification strategies.**

Estévez-Gómez N, Prado-López S, Prieto T, Posada D.

**P12 - Liraglutide prevented the deposition of Collagen in the animal model of Bleomycin-induced lung fibrosis.**

Fandiño J, Toba L, Álvarez A, González-Matías LC, Diz-Chaves Y, Mallo F.

**P13 - Thermal behaviour of a mixture with mineral water from Laias Spa for thermotherapy.**

Fernández Marcos D, Gómez CP, Casas L, Mato MM, Mourelle ML, Legido JL.

**P14 - Generation of the Cancer Pathway Prototype - a platform for predictive cancer pathway modeling.**

Fernández Villaverde A, Banga JR.

**P15 - Cytotoxic activity of bioactive fractions obtained from Sargassum muticum with green technologies.**

Florez-Fernández N, Torres MD, Domínguez H.

**P16 - Liquid biopsy in colorectal cancer: deciphering novel non-invasive methylation biomarkers for colorectal cancer screening in serum circulating cell-free DNA.**

Gallardo-Gómez M, Planell N, Moran S, Páez de la Cadena M, Martínez-Zorzano VS, Rodríguez- Berrocal FJ, Rodríguez-Gironde M, Labarga A, Esteller M, Cubiella J, Bujanda L, Castells A, Balaguer F, Jover R, Gómez-Cabrero D, De Chiara L.

**P17 - Microfluidic induced supercrystals for on-chip ultrasensitive SERS detection.**

García-Lojo D, Pastoriza-Santos I, Pérez-Juste J.

**P18 - Metallosupramolecular systems for drugs liberation.**

Gómez-Paz O, Carballo R, Vázquez-López EM, Lago AB.

**P19 - Splicing mechanism evaluation of NGS detected variants using hybrid minigenes.**

Lago-Docampo M, Tenorio J, Escribano P, Baloiira A, Lapunzina P, Valverde D.

**P20 - Inferring the nature of missing heritability in human diseases.**

López-Cortegano E, Caballero A.

**P21 - A toolbox for facilitating the manipulation of FASTA sequences.**

López-Fernández H, Reboiro-Jato M, Vázquez N, Duque P, Fdez-Riverola F, Vieira CP, Vieira J.

**P22 - Analysis of endothelin-1 (EDN-1) promoter region.**

López Solarat C, Lago-Docampo M, Gallardo-Gómez M, Baloiira A, Valverde D.

**P23 - Guanylyl Cyclase C-targeted nanoemulsions for metastatic colorectal cancer treatment.**

Lores S, Bouzo BL, Conejos-Sánchez I, Alijas S, Alonso MJ, de la Fuente M.

**P24 - Mutational analysis of EDN1 gene as a key gene in Pulmonary Arterial Hypertension.**

Méndez L, Lago-Docampo M, Baloiira A, Valverde D.

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**P25 - Delivery of sphingomyelin nanoemulsions to colorectal cancer cells for miRNA replacement therapies and diagnosis.**

Nagachinta S, Bouzo BL, Vazquez-Rios AJ, Dammicco S, Leroi N, Becker G, Serrano-Navacerrada ME, Bahri M, Plenevaux A, Lopez R, Luxen A, de la Fuente M.

**P26 - Analysis of the genomic position of human traits using GWAS data.**

Novo I, López-Cortegano E, Caballero A.

**P27 - Comparison of cfDNA isolation yield from human plasma.**

Oitabén A, Posada D, Prado-López S.

**P28 - Development of an intracellular nanoreactor with catalytic and biodegradation resistance properties.**

Oliveira TM, Castillo AS, Duarte, MA.

**P29 - Systems biology advanced methods to elucidate key regulators in cell signaling.**

Otero-Muras I, Yordanov P, Stelling J, Banga JR.

**P30 - Towards the identification of tumor samples with high rates of somatic retrotransposition by Agilent SureSelect System.**

Pequeño A, Tubio J, Martínez-Fernández M.

**P31 - Generation and characterization of human bone marrow-mesenchymal stromal cell lines.**

Piñeiro-Ramil M, Castro-Viñuelas R, Sanjurjo-Rodríguez C, Hermida-Gómez T, de Toro-Santos FJ, Blanco-García FJ, Fuentes-Boquete I, Díaz-Prado S.

**P32 - Discovery and prevalidation of salivary miRNAs in patients with colorectal cancer.**

Rapado-González O, Majem B, Díaz-Peña R, Abalo A, Álvarez-Castro A, Suarez-Cabrera L, Gil- Moreno A, Santamaría A, López-López R, Suárez-Cunqueiro M, Muínelo-Romay L.

**P33 - Closed-hollow Au SERRS-tags for bioimaging.**

Rodal-Cedeira S, Vázquez-Arias A, Bodelón G, Polavarapu L, La Porta A, Bals S, Liz-Marzán LM, Pérez-Juste J, Pastoriza-Santos I.

**P34 - Calretinin in the enteric nervous system: clinical and research applications.**

Rodríguez L, Balado A, Ortiz-Rey JA, San Miguel P, Malvido L, De Miguel E.

**P35 - Methylation of IGFBP-3 in liquid biopsy predicts chemotherapy response in non- small cell lung cancer.**

Rodríguez-Casanova A, Juste T, Cortegoso A, García-González J, Abalo A, Lago R, Mosquera M, Castro C, Pernia O, de Castro J, Ibanez de Caceres I, López-González L, Jiménez-Torres I, Muínelo-Romay L, López-López R, Díaz-Lagares A.

**P36 - Cell viability assay in corneal endothelium.**

Rodríguez-Fernández S, Álvarez-Portela M, Rendal-Vázquez ME, Montero-Salinas A, Piñeiro-Ramil M, Castro-Viñuelas R, de Rojas MA, Sánchez-Ibáñez J, Fuentes-Boquete IM, Díaz-Prado S.

**P37 - Tissue microarrays: Use of metacrylate molds to enhance performance and decrease technique costs.**

Rodríguez-Tébar A, Pinzaru G, Souto A, Pino D, Fariña A, Gómez-De María C, De Miguel E.

**P38 - The role of Dock6 gene in non-canonical signaling pathways of the TGF- $\beta$  family.**

Sánchez Sánchez P, Bea Mascato B, Lago Docampo M, Valverde Pérez D.

**P39 - Gemini steroids.**

Santalla H, Gómez G, Fall Y.

**P40 - Supercritical CO<sub>2</sub> foaming: from the basics towards the processing of optimized scaffolds for bone regeneration.**

Santos-Rosales V, Concheiro A, Alvarez-Lorenzo C, García-González CA.

**P41 - Increased therapeutic efficacy of dexamethasone palmitate in rheumatoid arthritis using polymeric nanoparticles.**

Simón-Vázquez R, Lorscheider M, González-Fernández A, Tsapis N, Fattal E.

**P42 - GLP-1 increases the availability of substrates and prioritizes the use of lipids in muscle metabolism.**

Toba L, Fandiño J, Gonzalez-Matías LC, Diz-Chaves Y, Mallo F.

**P43 - The druggable immune system: drug repositioning in immune transcriptome.**

Troulé K, Tejero H, Perales-Patón J, Al-Shahrouf F, Gómez-López G.

**P44 - Use of IPPs for biological tissues imaging.**

Van Eeckout A, Lizana A, Garcia-Caurel E, Gil JJ, Sansa A, Rodríguez C, Estévez I, González E, Escalera JC, Moreno I, Campos J.

**P45 - Production of paper-based SERS substrates by Inkjet Printing Method.**

Vieira Godoy N, García-Lojo D, Mazali IO, Pérez-Juste J, Pastoriza-Santos I.