

Ficha de grupo de investigación

METABOLISMO DE SMC EN LA ATEROSCLEROSIS

Código: CTS168

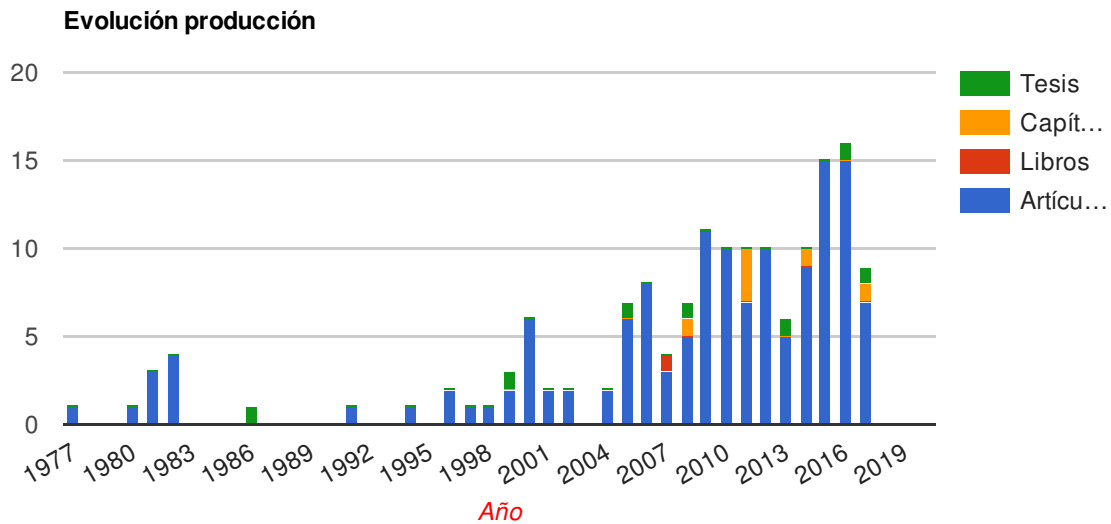
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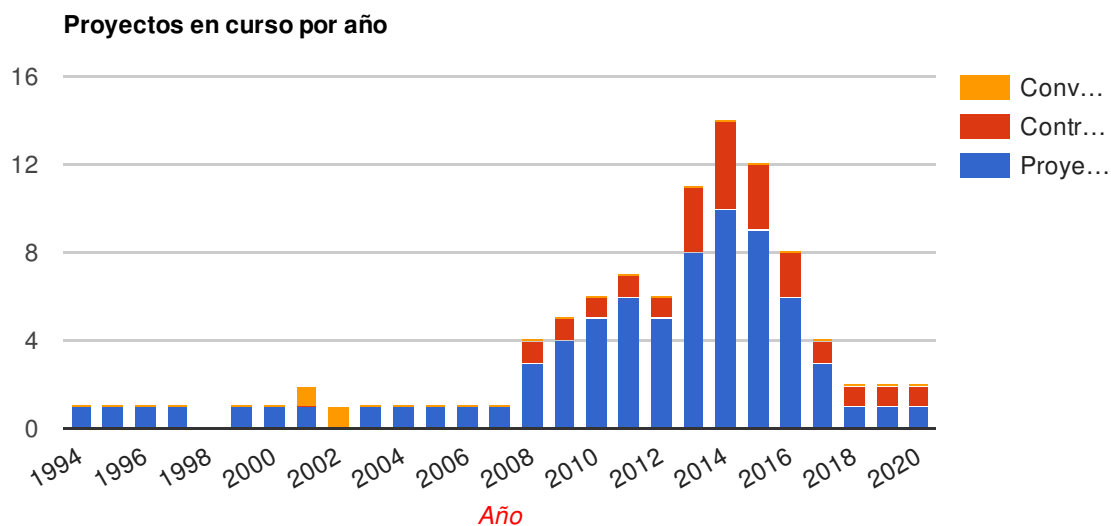
Producción 214

- Artículos (188)
- Libros (3)
- Capítulos de Libros (12)
- Tesis dirigidas (11)



Proyectos dirigidos 28

- Proyectos (22)
- Contratos (5)
- Convenios (1)



Actividades 15

Título publicación	Fuente	Tipo	Fecha
Cellular models with extreme metabophenotype to study tumor metabolic reprogramming: development of antitumor nanodevices focused on metabolic targets	Universidad de granada	Tesis doctoral	2017
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	Articulo	2017
Maternal pre-pregnancy obesity is associated with altered placental transcriptome.	Plos one	Articulo	2017
Omics studies and endometriosis biomarker identification	Biomarkers for endometriosis	Capítulo de libro	2017
Physical fitness and shapes of subcortical brain structures in children.	British journal of nutrition	Articulo	2017
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	Articulo	2017
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	Articulo	2017
Runx1c regulates hematopoietic differentiation of human pluripotent stem cells possibly in cooperation with pro-inflammatory signaling.	Stem cells	Articulo	2017
Two-step amyloid aggregation: sequential lag phase intermediates	Scientific reports	Articulo	2017
Absence of wasp enhances hematopoietic and megakaryocytic differentiation in a human embryonic stem cell model	Molecular therapy	Articulo	2016
Corrigendum to "generation of induced pluripotent stem cells (ipscs) from a bernard-soulier syndrome patient carrying a w71r mutation in the gpix gene" [stem cell res. 16/3 (2016) 692-695].	Stem cell research	Articulo	2016
Effect of hmg-coa reductase inhibition on vascular smooth muscle cells extracellular matrix production: role of rhoa	Current vascular pharmacology	Articulo	2016
Endometrial transcriptome analysis indicates superiority of natural over artificial cycles in recurrent implantation failure patients undergoing frozen embryo transfer.	Reproductive biomedicine online	Articulo	2016
Generation of a human induced pluripotent stem cell (ipsc) line from a bernard-soulier syndrome patient with the mutation p.asn45ser in the gpix gene.	Stem cell research	Articulo	2016
Generation of a human induced pluripotent stem cell (ipsc) line from a bernard-soulier syndrome patient with the mutation p.asn45ser in the gpix gene.	Stem cell research	Articulo	2016
Generation of human pluripotent stem cell lines with suppressed expression of the notch ligand dll4 using short hairpin rnas.	Stem cell research	Articulo	2016
Generation of induced pluripotent stem cells (ipscs) from a bernard-soulier syndrome patient carrying a w71r mutation in the gpix gene.	Stem cell research	Articulo	2016
Identification of gene expression profiling associated with erlotinib-related skin toxicity in pancreatic adenocarcinoma patients.	Toxicology and applied pharmacology	Articulo	2016
Inhibition of extracellular matrix production and remodeling by doxycycline in smooth muscle cells	Journal of pharmacological sciences	Articulo	2016

Interplay between gemcitabine and erlotinib over pancreatic adenocarcinoma cells	Pancreas	Articulo	2016
Maternal, fetal and perinatal alterations associated with obesity, overweight and gestational diabetes a baseline report from the preobe-study	Bmc public health	Articulo	2016
Maternal, fetal and perinatal alterations associated with obesity, overweight and gestational diabetes: an observational cohort study (preobe)	Bmc public health	Articulo	2016
Runx1 en la hematopoyesis embrionaria humana.	Centro pfizer	Tesis doctoral	2016
Role of microbiota function during early life on child's neurodevelopment	Trends in food science & technology	Articulo	2016
Stanniocalcin-1 expression in normal human endometrium and dysregulation in endometriosis	Fertility and sterility	Articulo	2016
A hierarchical classification for the selection of the most suitable multiple sequence alignment methodology	Current bioinformatics	Articulo	2015
Cholesterol loading in vivo and in vitro alters extracellular matrix proteins production in smooth muscle cells		Articulo	2015
Comparing different machine learning and mathematical regression models to evaluate multiple sequence alignments	Neurocomputing	Articulo	2015
Effects of prenatal fish oil and folic acid supplementation on infant psychomotor and mental development: results from nuheal randomized controlled trial	Journal of pregnancy and child health	Articulo	2015
Folic acid supplementation and methylenetetrahydrofolate reductase (mthfr) gene variations in relation to in vitro fertilization pregnancy outcome	Acta obstetrica et gynecologica scandinavica	Articulo	2015
Generation and characterization of the human ipsc line pbmc1-ips4f1 from adult peripheral blood mononuclear cells.	Stem cell research	Articulo	2015
Generation and characterization of the human ipsc line pbmc1-ips4f1 from adult peripheral blood mononuclear cells.	Stem cell research	Articulo	2015
Generation of human ipsc line grx-mcips4f-a2 from adult peripheral blood mononuclear cells (pbmcs) with spanish genetic background.	Stem cell research	Articulo	2015
Intracellular zn(2+) detection with quantum dot-based flim nanosensors for novel metabolomic applications in cell models	Chemical communications	Articulo	2015
Maternal pparγ pro12ala polymorphism is associated with infant's neurodevelopmental outcomes at 18 months of age	Early human development: an international journal concerned with the continuity of fetal and postnatal life	Articulo	2015
No evidence for mutations in nlrp7, nlrp2 or khdc3l in women with unexplained recurrent pregnancy loss or infertility	Human reproduction	Articulo	2015
Physical activity, fatness, educational level and snuff consumption as determinants of semen quality: findings of the actiart study.	Reproductive biomedicine online	Articulo	2015
Prognosis relevance of serum cytokines in pancreatic cancer	Biomed research international	Articulo	2015
The potential role of the glycoprotein osteoactivin/gpnmb in pancreatic cancer	Pancreas	Articulo	2015
The notch ligand dll4 specifically marks human hematoendothelial progenitors and regulates its hematopoietic versus endothelial fate.	Leukemia	Articulo	2015
Association between trefoil factor 3 (tff3) gene variants and idiopathic recurrent miscarriage	Reproductive biomedicine online	Articulo	2014
Effect of pufas on extracellular matrix production and remodeling in vascular smooth muscle cell cultures in an	European journal of lipid science	Articulo	2014

	and technology		
atherosclerotic mode			
Folate and female infertility: folate-metabolising pathway in folliculogenesis, infertility treatment, and implantation	Diet and nutrition in the menstrual cycle, conception and fertility	Capítulo de libro	2014
Folic acid supplementation and ivf pregnancy outcome in women with unexplained infertility	Reproductive biomedicine online	Artículo	2014
Hoxa9 promotes hematopoietic commitment of human embryonic stem cells.		Artículo	2014
Ligand-independent flt3 activation does not cooperate with mll-af4 to immortalize/transform cord blood cd34+ cells.	Leukemia	Artículo	2014
Scl/tal1-mediated transcriptional network enhances megakaryocytic specification of human embryonic stem cells	Molecular therapy	Artículo	2014
Scl/tal1-mediated transcriptional network enhances megakaryocytic specification of human embryonic stem cells.	Molecular therapy	Artículo	2014
Serum cytokine profile in patients with pancreatic cancer	Pancreas	Artículo	2014
Transcriptional profiling of peripheral blood in pancreatic adenocarcinoma patients identifies diagnostic biomarkers	Digestive diseases and sciences	Artículo	2014
Cord blood-derived cd34+ hematopoietic cells with low levels of mitochondrial mass are enriched in hematopoietic repopulating stem cell function	Haematologica	Artículo	2013
Flt3 activation cooperates with mll-af4 fusion protein to abrogate the hematopoietic specification of human escs.	Blood	Artículo	2013
Identification of novel inflammatory serum biomarker signatures	Facultad de ciencias	Tesis doctoral	2013
Micromas mir-30b, mir-30d and mir-494 regulate human endometrial receptivity.	Reproductive sciences	Artículo	2013
Nutrition and neurodevelopment in children: focus on nutrimenthe project	European journal of nutrition	Artículo	2013
The association of trefoil factor 3 gene polymorphisms and haplotypes with unexplained female infertility: molecular insights into tff3 regulation in receptive phase endometrium	Human fertility	Artículo	2013
A human esc model for mll-af4 leukemic fusion gene reveals an impaired early hematopoietic-endothelial specification.	Cell research	Artículo	2012
Biological impact of human embryonic stem cells	Advances in experimental medicine and biology	Artículo	2012
Intrahepatic transplantation of cord blood cd34+ cells into newborn nod/scid-il2r γ (null) mice allows efficient multi-organ and multi-lineage hematopoietic engraftment without accessory cells.	Clinical immunology	Artículo	2012
Maintenance of hescs in media conditioned by human mesenchymal stem cells obviates the requirement of exogenous bfgf supplementation	Tissue engineering	Artículo	2012
Maintenance of human embryonic stem cells in media conditioned by human mesenchymal stem cells obviates the requirement of exogenous basic fibroblast growth factor supplementation	Tissue engineering. part c. methods	Artículo	2012
Maintenance of human embryonic stem cells in mesenchymal stem cell-conditioned media augments hematopoietic specification.	Stem cells and development	Artículo	2012
Residual expression of the reprogramming factors prevents differentiation of ipsc generated from human fibroblasts and cord blood cd34+ progenitors	Plos one	Artículo	2012
Scl/tal1 regulates hematopoietic specification from human embryonic stem cells	Molecular therapy	Artículo	2012

embryonic stem cells			
Specific marking of hescs-derived hematopoietic lineage by was-promoter driven lentiviral vectors	Plos one	Articulo	2012
The adaptation of human embryonic stem cells to different feeder free culture conditions is accompanied by a mitochondrial response	Stem cells and development	Articulo	2012
A folate receptor alpha double-mutated haplotype 1816delc-1841a is distributed throughout eurasia and associated with lower erythrocyte folate levels	Molecular biology reports	Articulo	2011
Biological impact of human escs	Stem cell transplantation	Capítulo de libro	2011
Folate-metabolizing gene variants and pregnancy outcome of ivf	Reproductive biomedicine online	Articulo	2011
Inhibitors of the 3-hydroxy-3-methylglutaryl coenzyme a reductase: beneficial and detrimental effects of statins and genetic polymorphism of cytochrome p450	Lipids: categories, biological functions and metabolism, nutrition and health	Capítulo de libro	2011
Ldl receptors and cholesterol homeostasis in cultured arterial smooth muscle cells isolated from chick upon cholesterol feeding	Handbook of lipoprotein research	Capítulo de libro	2011
Large-scale transcriptional profiling and functional assays reveal important roles for rho-gtpase signalling and scl during haematopoietic differentiation of human embryonic stem cells.	Human molecular genetics	Articulo	2011
Obesity short-circuits stemness gene network in human adipose multipotent stem cells	The faseb journal	Articulo	2011
Research resource: interactome of human embryo implantation: identification of gene expression pathways, regulation, and integrated regulatory networks	Molecular endocrinology	Articulo	2011
The relationship between fertility and lifespan in humans	Age	Articulo	2011
Tissue factor and tissue factor pathway inhibitors tfpi and tfpi2 in human secretory endometrium ¿ possible link to female infertility	Reproductive sciences	Articulo	2011
Diminished endometrial expression of ghrelin and ghrelin receptor contributes to subfertility	Reprod sci	Articulo	2010
Enrichment of human esc-derived multipotent mesenchymal stem cells with immunosuppressive and anti-inflammatory properties capable to protect against experimental inflammatory bowel disease	Stem cells	Articulo	2010
Etiología y origen celular de la leucemia linfoblástica aguda b en el lactante con reordenamiento mll-af4	Haematologica	Articulo	2010
Fish oil supplementation reverses the effect of cholesterol on apoptotic gene expression in smooth muscle cells	Lipids in health and disease	Articulo	2010
Human induced pluripotent stem cells develop teratoma more efficiently and faster than human embryonic stem cells regardless the site of injection	Stem cells	Articulo	2010
Is there an association between actn3 r577x polymorphism and muscle power phenotypes in young, non-athletic adults?	Scand j med sci sports	Articulo	2010
Low calcitonin receptor like receptor expression in endometrial vessels from women with unexplained infertility	Gynecological endocrinology	Articulo	2010
Nodal / activin signaling predicts human pluripotent stem cell lines prone to differentiate toward the hematopoietic lineage	Molecular therapy	Articulo	2010
The tlx1 oncogene drives aneuploidy in t cell transformation.	Nature medicine	Articulo	2010
Variation in hyaluronan binding protein 2 (habp2) promoter region is associated with unexplained female infertility	Reproductive sciences	Articulo	2010
Are elite-endurance athletes genetically predisposed to lower			

disease risk?	Physiol genomics	Articulo	2009
Aromatase gene (cyp19a1) variants, female infertility and ovarian stimulation outcome: a preliminary report	Reprod biomed online	Articulo	2009
Effect of oxysterol-induced apoptosis of vascular smooth muscle cells on experimental hypercholesterolemia	Journal of biomedicine and biotechnology	Articulo	2009
Gamma-secretase inhibitors reverse glucocorticoid resistance in t-all.	Nature medicine	Articulo	2009
Influence of cholesterol and fish oil dietary intake on nitric oxide-induced apoptosis in vascular smooth muscle cells	Nitric oxide: biology and chemistry	Articulo	2009
Notch inhibition and glucocorticoid therapy in t-cell acute lymphoblastic leukemia.	Leukemia	Articulo	2009
The c allele of the agt met235thr polymorphism is associated with power sports performance	Appl physiol nutr metab	Articulo	2009
The differential transcriptome and ontology profiles of floating and cumulus granulose cells in stimulated human antral follicles	Mol hum reprod	Articulo	2009
Trp64arg polymorphism in adrb3 gene is associated with elite endurance performance	Br j sports med	Articulo	2009
Variations in folate pathway genes are associated with unexplained female infertility	Fertil steril	Articulo	2009
Wt1 mutations in t-all	Blood	Articulo	2009
Disturbances in the lif pathway in the endometrium among women with unexplained infertility	Fertil steril	Articulo	2008
Efecto del colesterol sobre la síntesis y remodelación de matriz extracelular en células de músculo liso en cultivo	Universidad de granada. bioquímica y biología molecular i	Tesis doctoral	2008
El impacto biológico de las células madre embrionarias	Fronteras en biomedicina: del trasplante de organos a la medicina regenerativa	Capítulo de libro	2008
Hb-egf but not amphiregulin or their receptors her1 and her4 is altered in endometrium of women with unexplained infertility	Reprod sci	Articulo	2008
Notch1 extracellular juxtamembrane expansion mutations in t-all	Blood	Articulo	2008
Ppar gamma mRNA expression is reduced in perihperal blood mononuclear cells after fat overload in patients with metabolic syndrome	The journal of nutrition	Articulo	2008
Visceral fat mass in patients with dm2 diabetes is reduced during insulin detemir-bases basal bolus therapy, where as it is increased during nph-insulin-based basal bolus therapy	Obesity and metabolism	Articulo	2008
Apoptosis en células de músculo liso arteriales	Universidad de granada. editorial universidad de granada	Libros	2007
Allelic estrogen receptor 1 (esr1) gene variants predict the outcome of ovarian stimulation in in vitro fertilization	Mol hum reprod	Articulo	2007
Mutational loss of pten induces resistance to notch1 inhibition in t-all.	Nature medicine	Articulo	2007
The contribution of genetic variations of aryl hydrocarbon receptor pathway genes to male infertility	Fertil steril	Articulo	2007
A novel role for par bzip proteins in the transcriptional regulation of a bh3-only proapoptotic gene	Journal of biological chemistry	Articulo	2006
Cannabinoid receptors as novel targets for the treatment of melanoma	The faseb journal	Articulo	2006
Cutll1, a novel human t-cell lymphoma cell line with t(7;9) rearrangement and high sensitivity to gamma secretase inhibitors constitutes a new model for the study of notch1	Leukemia	Articulo	2006

signaling in t-cell malignancies.			
Cyclic fluctuations of 3-hydroxy-3-methylglutaryl-coa reductase in aortic smooth muscle cell cultures	Lipids	Articulo	2006
Identification of c-kit gene mutations in patients with polycythemia vera	Leukemia research	Articulo	2006
Notch1 directly regulates c-myc and activates a feed-forward-loop transcriptional network promoting leukemic cell growth	Proc. natl. acad. sci. usa (pnas)	Articulo	2006
Nutritional control, gene regulation, and transformation of vascular smooth muscle cells in atherosclerosis	Cardiovascular and hematological disorders-drug targets	Articulo	2006
Transcriptional activation of the proapoptotic bik gene by e2f proteins in cancer cells	Febs letters	Articulo	2006
Analysis of snp profiles in patients with major depressive disorder	Int j neuropsychopharmacol	Articulo	2005
Association study of 90 candidate gene polymorphisms in panic disorder	Psychiatr genet	Articulo	2005
Blockade of epidermal growth factor receptors chemosensitizes breast cancer cells through up regulation of bnip3l	Cancer research	Articulo	2005
Defective binding of transcriptional repressor zeb via dna methylation contributes to increased constitutive levels of p73 in fanconi anemia cells	Febs letters	Articulo	2005
Non-invasive prenatal diagnosis of fetal rhesus d status by analysis of maternal plasma	Eesti arst (estonian medical journal)	Articulo	2005
Proliferación y apoptosis en células de músculo liso arteriales en cultivo	Universidad de granada. bioquímica y biología molecular	Tesis doctoral	2005
Termination factor-mediated dna loop between termination and initiation sites drives mitochondrial rna synthesis	Cell (cambridge)	Articulo	2005
Breast cancer cells evade apoptosis induced by a novel bcl-2 inhibitor via transcriptional downregulation of bcl-2	Cancer research	Articulo	2004
Polymorphisms in wolframín (wfs1) gene are possibly related to increased risk for mood disorders	Int j neuropsychopharmacol	Articulo	2004
Melatonin increases the activity of the oxidative phosphorylation enzymes and the production of atp in rat brain and liver mitochondria	The international journal of biochemistry & cell biology	Articulo	2002
Resistance to chemotherapy via stat-3 dependent overexpression of bcl-2 in metastatic breast cancer cells	Oncogene	Articulo	2002
Calcium-dependent effects of melatonin inhibition of glutamatergic response in rat striatum	Journal of neuroendocrinology	Articulo	2001
The reversal of the inhibition on lipids synthesis by l-659,699 in arterial smooth muscle cells cultures	Molecular and cellular biochemistry	Articulo	2001
Alterations in 3-hydroxy-3-methylglutaryl-coa reductase mrna concentration in cultured chick aortic smooth muscle cells	Lipids	Articulo	2000
Fish oil reduces cholesterol and arachidonic acid levels in plasma and lipoproteins from hypercholesterolemic chicks	Molecular and cellular biochemistry	Articulo	2000
Melatonin but not vitamins c and e maintains glutathione homeostasis in t-butyl hydroperoxide-induced mitochondrial oxidative stress	The faseb journal	Articulo	2000
Melatonin-induced increased activity of the respiratory chain complexes i and iv can prevent mitochondrial damage induced by ruthenium red in vivo	Journal of pineal research	Articulo	2000
Metabolism of palmitic and docosahexaenoic acids in reuber h35 hepatoma cells	Journal of biochemistry	Articulo	2000

Structure-related inhibition of calmodulin-dependent neuronal nitric-oxide synthase activity by melatonin and synthetic kynurenines	Molecular pharmacology	Articulo	2000
Dietary fish oil reduces cholesterol and arachidonic acid levels in chick plasma and very low density lipoprotein	Molecular and cellular biochemistry	Articulo	1999
Melatonin inhibits expression of the inducible no synthase ii in liver and lung and prevents endotoxemia in lipopolysaccharide-induced multiple organ dysfunction syndrome in rats	The faseb journal	Articulo	1999
Metabolismo lipídico en células de músculo liso de aorta en cultivo. actividad de la hmg-coa reductasa y concentración de su am mensajero	Universidad de granada. bioquímica y biología molecular	Tesis doctoral	1999
Changes in cultured arterial smooth muscle cells isolated from chicks upon cholesterol feeding	Lipids	Articulo	1998
Cambios en la composicion de proteinas de filamentos intermedios en cultivo de celulas cardiacas humanas adultas	Archivo español de morfología	Articulo	1997
Characterization of mevalonate metabolism in the sea bass (<i>dicentrarchus labrax</i> l) liver	Fish physiology and biochemistry	Articulo	1996
Potenciales efectos de la melatonina en el envejecimiento	Revista científica de la sociedad española de medicina estética (seme)	Articulo	1996
Analyses of fatty-acids from different lipids in liver and muscle of sea bass (<i>dicentrarchus-labrax</i> l) - influence of temperature and fasting	Comparative biochemistry and physiology. a. comparative physiology	Articulo	1994
Influence of fibric acid derivatives on intermediate filament proteins in myocardiocyte cultures	Life sciences	Articulo	1991
Modulación de enzimas microsomales de hígado de pollo por incorporación de colesterol a la membrana ¿in vivo¿ e ¿in vitro¿.	Facultad de ciencias	Tesis doctoral	1986
A comparative study of cholesterogenic activities from acetate of neonatal chick liver, kidney and intestinal mucosa	Comparative biochemistry and physiology. part c, pharmacology, toxicology & endocrinology	Articulo	1982
Influencia de reactivos de grupos sh sobre la mevalonato cinasa parcialmente purificada de hígado de pollo	Revista española de fisiología	Articulo	1982
Partial purification and properties of mevalonate kinase from neonatal chick liver	Revista española de fisiología	Articulo	1982
The in vitro metabolism of mevalonate by sterol and nonsterol pathways in neonatal chick	Comparative biochemistry and physiology. part c, pharmacology, toxicology & endocrinology	Articulo	1982
Different developmental pattern of 3 hydroxy 3 methyl-glutaril coa reductase in chicks tissues according to their role in cholesterogenesis	Biology of the neonate	Articulo	1981
Further characterization of mevalonate activating enzymes from chick kidney	Comparative biochemistry and physiology. part b, biochemistry & molecular biology	Articulo	1981
Properties of mevalonate activating enzymes in developing chick brain	Revista española de fisiología	Articulo	1981
Postnatal development of mevalonate phosphorylation in the chick brain and kidney	Biology of the neonate	Articulo	1980
Metabolism of mevalonic acid to phosphorylation derivatives in chlorella	Biochememical and biophysical research communication	Articulo	1977

	Título proyecto	Tipo	Inicio	Fin
1	Generation of human experimental models of bernard-soulier syndrome using cellular reprogramming	Proyecto	1/1/15	1/31/17
2	Generation of human experimental models of glanzmann disease and bernard-soulier syndrome by cellular reprogramming	Proyecto	1/14/15	1/13/17
3	Impacto predictivo, pronóstico y terapéutico del estatus metabólico en pacientes con cáncer de mama localmente avanzado con terapia neoadyuvante	Proyecto	1/1/14	12/31/16
4	Nutriomics - effects of early programming on child's neurodevelopmental outcomes	Proyecto	1/15/13	4/23/16
5	Finding molecular/epigenetic signatures in philadelphia negative mpns: a novel tool for strengthening disease status classification and tailoring personalized drug strategies	Proyecto	1/1/15	3/1/16
6	Epigenetics in myeloproliferative neoplasms and synergistic therapeutic strategies with ruxolitinib/panobinostat/everolimus: hematopoietic lineage tracing and inducible jak2v617f viral vector based human embryonic stem cells models	Contrato	1/1/15	2/29/16
7	Descifrando los mecanismos moleculares de scl/tal1 durante el desarrollo hematopoyético humano y la leucemia	Proyecto	1/1/13	12/31/15
8	Epigenetics in myeloproliferative neoplasms and synergistic therapeutic strategies with ruxolitinib/panobinostat/everolimus: hematopoietic lineage tracing and inducible jak2v617f viral vector based human embryonic stem cells models	Contrato	1/1/14	2/28/15
9	: epigenetics in myeloproliferative neoplasms and synergistic therapeutic strategies with ruxolitinib/panobinostat/everolimus: hematopoietic lineage tracing and inducible jak2v617f viral vector based human embryonic stem cells models	Proyecto	1/3/14	2/2/15
10	Nanosensores flim de quantum dots para detección de ph intracelular: aplicación en diagnóstico del cáncer mediante análisis metabólico diferencial	Proyecto	1/13/14	1/12/15
11	Aproximación al diagnóstico y valoración de la evolución de pacientes con adenocarcinoma de páncreas mediante el desarrollo de un modelo basado en el perfil de expresión metabólica de sangre periférica	Proyecto	1/28/14	12/31/14
12	Impact of myelodysplastic syndrome-associated iron metabolism alterations on chromatin remodeling-epigenetic modifications and the expression of micrnas involved in hematopoietic proliferation/differentiation: role of eltrombopag/revolade as modula	Proyecto	1/3/13	10/2/14
13	Impact of myelodysplastic syndrome-associated iron metabolism alterations on chromatin remodeling-epigenetic modifications and the expression of micrnas involved in hematopoietic proliferation/differentiation: role of eltrombopag/revolade as modula	Contrato	1/1/13	9/30/14
14	Therapeutic impact of 5-azacytidine on myelodysplastic syndrome-associated chromatin remodeling-epigenetic alterations and the expression of micrnas involved in hematopoietic proliferation/differentiation	Proyecto	1/2/13	7/1/14
15	Therapeutic impact of 5-azacytidine on myelodysplastic syndrome-associated chromatin remodeling-epigenetic alterations and the expression of micrnas involved in hematopoietic proliferation/differentiation	Contrato	1/1/13	6/30/14
16	Implicación de los factores transcripcionales hematopoyéticos runx1 y scl en la dife-renciación de células madre embrionarias humanas a linaje hematopoyético.	Proyecto	1/1/11	5/31/14
17	Ampliación de estudio para la determinación de biomarcadores por medio de arrays de proteínas en suero para el diagnóstico precoz del adenocarcinoma y para el tratamiento individualizado. convenio de colaboración financiado por roche farma, s.a., ent	Proyecto	1/1/10	9/30/13
18	Implicación de los factores transcripcionales hematopoyéticos runx1 y scl en la diferenciación de células madre embrionarias humanas a linaje hematopoyético.	Proyecto	1/1/10	1/31/13
19	Implication of the haematopoietic transcription factors runx1 and scl in blood differentiation from hescs.	Proyecto	1/1/11	12/31/12
20	Genética y función mitocondrial en la biología de las células madre: desarrollo de nuevos protocolos de diferenciación celular con mayor potencial para terapias	Proyecto	1/1/09	12/31/11

celulares				
21	Caracterización de las poblaciones celulares progenitoras en obesidad y diabetes	Proyecto	1/1/08	12/31/10
22	Papel mitocondrial en la diferenciación y proliferación celular: células madre embrionarias como modelo para el estudio de la influencia de la genética y función mitocondrial durante el desarrollo embrionario	Proyecto	1/1/07	2/28/09
23	Producción de matrices tridimensionales a partir de cultivos de células de músculo liso de aorta de pollo: aplicación a la mejora del mantenimiento de cultivos de células humanas	Proyecto	1/28/03	11/28/06
24	Aplicación del modelo experimental celular smc-c/smc-ch para la prueba de sustancias con propiedades protectoras de enfermedades cardiovasculares	Convenio	1/29/01	10/29/02
25	Regulación molecular de las alteraciones en la diferenciación de células de músculo liso de pollo.	Proyecto	1/1/99	12/1/01
26	Estudios moleculares y metabólicos en un modelo experimental de arteriosclerosis temprana por medio de cultivos de células de músculo liso arteriales de pollo hipercolesterolemico	Proyecto	1/1/94	9/1/97
27	Estudio de correlación de la respuesta clínica a gemcitabina y erlotinib en pacientes con adenocarcinoma de páncreas y la expresión génica por microarrays en células de tejido y de sangre periférica	Contrato	3/4/08	
28	Determinación de biomarcadores en pacientes con adenocarcinoma de páncreas y expresión génica por microarrays. estudio de correlación de la respuesta clínica a gemcitabina y erlotinib	Proyecto	12/1/08	

Actividades 15

Titulo actividad	Entidad	Tipo	Fecha
Participación en: new york academy of science ()		Comité científico en sociedad ci	Sep 28, 2005
Evaluador de proyectos de investigacion. consejeria de salud junta de andalucia	Junta de andalucía. consejeria de salud	Experiencia en evaluación	Jun 1, 2012
Francisco josé esteban ruiz		Colaboración con centros i+d	Jan 1, 2008
Anneli stavreus-evers		Colaboración con centros i+d	Oct 3, 2005
Andres salumets		Colaboración con centros i+d	Sep 1, 2003
Torbjörn nilsson		Colaboración con centros i+d	Jan 1, 2006
Lusine aghajanova		Colaboración con centros i+d	Oct 3, 2005
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