

Ficha de grupo de investigación

BIOMEMBRANAS

Código: CTS236

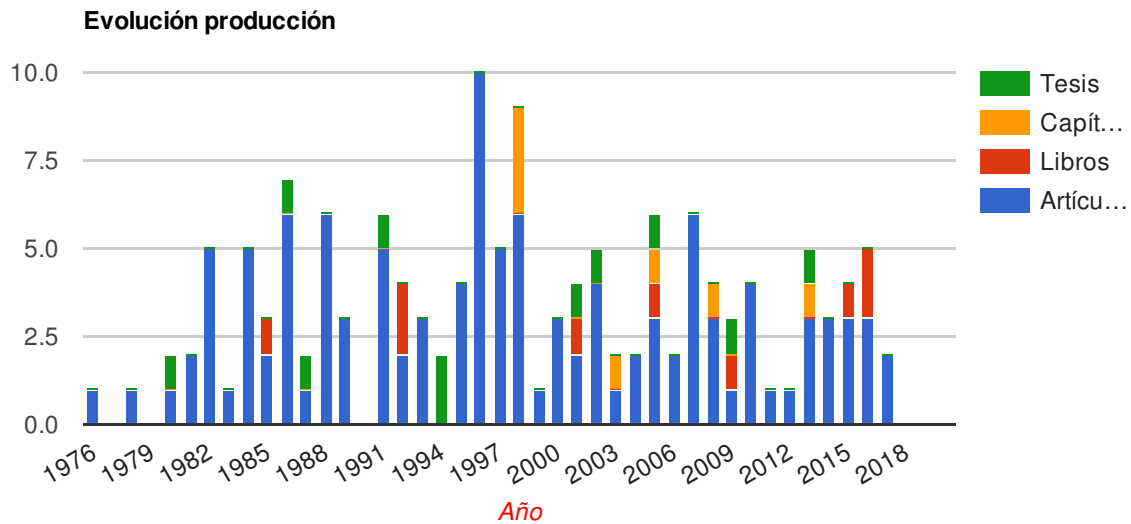
Responsable del grupo: CARMEN MARCO DE LA CALLE

Miembros

- CARMEN MARCO DE LA CALLE Catedrático de universidad Tiempo completo
- MARIA PAZ CARRASCO JIMENEZ Profesor titular de universidad Tiempo completo
- MIGUEL GARCIA GONZALEZ
- JOSEFA LIBORIA SEGOVIA PARRA
- JOSÉ MANUEL JIMÉNEZ LÓPEZ Profesor titular de universidad Tiempo completo
- JUAN ANTONIO AGUILERA MOCHÓN Biólogo/Botánico/Zoólogo y afines Completa
- ANTONIO RÍOS GUADIX Catedrático de universidad Tiempo completo
- XIOMARA GÁLVEZ ESCOLANO Otros
- PABLO RÍOS MARCO Profesor de enseñanza secundaria Tiempo completo
- ALBERTO SOLA LEYVA Becario/a

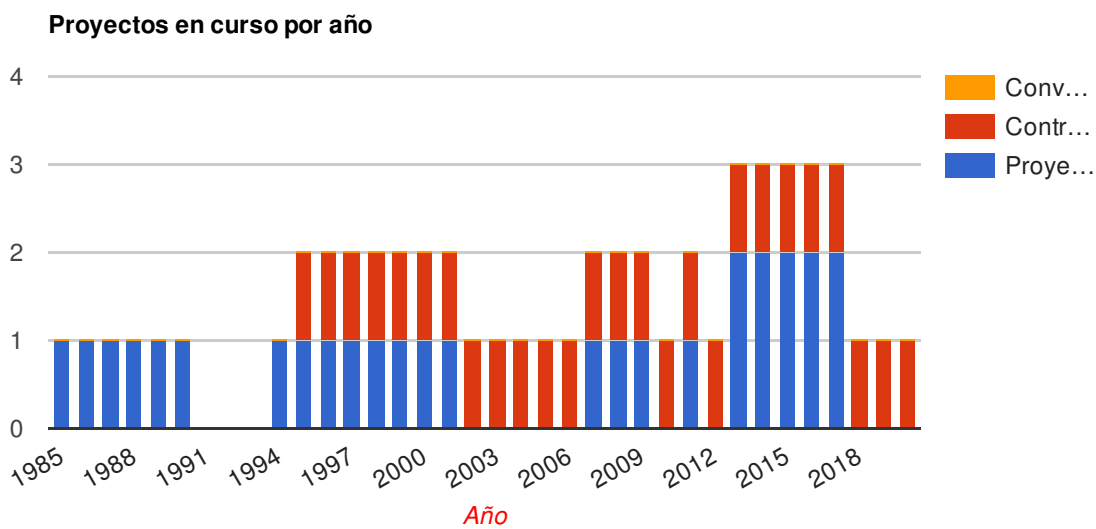
Producción 254

- Artículos (216)
- Libros (9)
- Capítulos de Libros (12)
- Tesis dirigidas (17)



Proyectos dirigidos 10

- Proyectos (8)
- Contratos (2)
- Convenios (0)



Actividades 0

Titulo publicación	Fuente	Tipo	Fecha
Alkylphospholipids: an update on molecular mechanisms and clinical relevance	Biochimica et biophysica acta. biomembranes	Articulo	2017
Functional information stored in the conserved structural rna domains of flavivirus genomes	Frontiers in microbiology	Articulo	2017
Design, synthesis, crystallization and biological evaluation of new symmetrical biscationic compounds as selective inhibitors of human choline kinase α 1 (chok α 1)	Scientific reports	Articulo	2016
El origen de la vida en la tierra	Rba	Libros	2016
La vida no terrestre	Rba	Libros	2016
Pleiotropic effects of antitumour alkylphospholipids on cholesterol transport and metabolism	Experimental cell research (online)	Articulo	2016
The cis-acting replication element of the hepatitis c virus genome recruits host factors that influence viral replication and translation.	Scientific reports	Articulo	2016
Cholesterol homeostasis and autophagic flux in perfosine-treated human hepatoblastoma hepg2 and glioblastoma u-87 mg cell lines.	Biochemical pharmacology	Articulo	2015
Laboratorio escolar	Sintesis	Libros	2015
New more polar symmetrical bipyridinic compounds: new strategy for the inhibition of choline kinase α 1	Future medicinal chemistry	Articulo	2015
Rna aptamers as molecular tools to study the functionality of the hepatitis c virus cre region	Molecules	Articulo	2015
Antitumoral alkylphospholipids alter cell lipid metabolism.	Anti-cancer agents in medicinal chemistry	Articulo	2014
Choline kinase active site provides features for designing versatile inhibitors	Current topics in medicinal chemistry	Articulo	2014
Discovery of a new binding site on human choline kinase α 1: design, synthesis, crystallographic studies and biological evaluation of asymmetrical bispyridinium derivatives.	Journal of medicinal chemistry	Articulo	2014
Alkylphospholipids deregulate cholesterol metabolism and induce cell-cycle arrest and autophagy in u-87 mg glioblastoma cells	Biochimica et biophysica acta - molecular and cell biology of lipids	Articulo	2013
Effect of anti proliferative alkylphospholipids on cholesterol homeostasis	Facultad de ciencias. ugr	Tesis doctoral	2013
Lipid efflux mediated by alkylphospholipids in hepg2 cells	Cell biochemistry and biophysics	Articulo	2013
New non-symmetrical choline kinase inhibitors	Bioorganic & medicinal chemistry	Articulo	2013
Orientaciones para la mejora de la docencia del profesorado universitario	Orientaciones para la mejora de la docencia del profesorado universitario	Capítulo de libro	2013
Design, synthesis, theoretical calculations and biological evaluation of new non-symmetrical choline kinase inhibitors	European journal of medicinal chemistry	Articulo	2012
Antitumoral alkylphospholipids induce cholesterol efflux from the plasma membrane in hepg2 cells	Journal of pharmacology and experimental therapeutics	Articulo	2011
Alterations in the homeostasis of phospholipids and cholesterol by antitumor alkylphospholipids	Lipids in health and disease	Articulo	2010
Design, synthesis and biological evaluation of new choline kinase (chok) inhibitors	Drugs of the future	Articulo	2010
Differentiation of intestinal epithelial cells mediated by cell confluence and/or exogenous nucleoside supplementation	Cells, tissues, organs	Articulo	2010
Disruption of cellular cholesterol transport and homeostasis as a novel mechanism of action of membrane-targeted	British journal of	Articulo	2010

never mechanism of action of membrane targeted alkylphospholipid analogues	pharmacology	Artículo	2010
Hexadecylphosphocholine alters nonvesicular cholesterol traffic from the plasma membrane to the endoplasmic reticulum and inhibits the synthesis of sphingomyelin in hepg2 cells.	The international journal of biochemistry & cell biology	Artículo	2009
Mecanismos de tolerancia inmune en la enfermedad celíaca. relevancia clínica	Universidad de granada. medicina	Tesis doctoral	2009
Prácticas de simulación del control metabólico. manual de autoaprendizaje	Universidad de granada	Libros	2009
Current view of the immunopathogenesis in inflammatory bowel disease and its implications for therapy.	World journal of gastroenterology	Artículo	2008
Hexadecylphosphocholine interferes with the intracellular transport of cholesterol in hepg2 cells	The febs journal	Artículo	2008
Synergistic toxicity induced by prolonged glutathione depletion and inhibition of nuclear factor-kappab signaling in liver cells	Toxicology in vitro	Artículo	2008
Toward a clear frontier between science and religion in education	Secularism and science in the 21st century	Capítulo de libro	2008
A new approach using tissue alkaline phosphatase histochemistry to identify crohn's disease	Pathology research and practice	Artículo	2007
Contribution of polyunsaturated fatty acids to intestinal repair in protein-energy malnutrition	Digestive diseases and sciences	Artículo	2007
Effects of ethanol on the remodeling of neutral lipids and phospholipids in brain mitochondria and microsomes	Neurochemistry international	Artículo	2007
Exogenous nucleosides modulate proliferation of rat intestinal epithelial iec-6 cells	The journal of nutrition	Artículo	2007
New aspects in celiac disease	World journal of gastroenterology	Artículo	2007
Tryptophan metabolism and indoleamine 2,3-dioxygenase expression in coeliac disease	Clinical and experimental immunology	Artículo	2007
Ethanol specifically alters the synthesis, acylation and transbilayer movement of aminophospholipids in rat-liver microsomes	Life sciences	Artículo	2006
Hexadecylphosphocholine disrupts cholesterol homeostasis and induces the accumulation of free cholesterol in hepg2 tumour cells	Biochemical pharmacology	Artículo	2006
Acción de los nucleósidos exógenos sobre células epiteliales intestinales iec-6	Editorial universidad de granada	Libros	2005
Acción de los nucleósidos exógenos sobre células epiteliales intestinales iec-6	Universidad de jaén. ciencias de la salud	Tesis doctoral	2005
Advances in inflammatory bowel disease: diagnosis and therapy	Recent research developments in life sciences	Capítulo de libro	2005
Cyp2e1-dependent oxidative stress and toxicity: role in ethanol-induced liver injury	Expert opinion on drug metabolism & toxicology	Artículo	2005
La ciencia frente a las creencias religiosas. ciencia y religión en los albores del nuevo milenio	Mientras tanto	Artículo	2005
Protein kinase c signaling as a survival pathway against cyp2e1-derived oxidative stress and toxicity in hepg2 cells	Journal of pharmacology and experimental therapeutics	Artículo	2005
Expression of hla-g in inflammatory bowel disease provides a potential way to distinguish between ulcerative colitis and crohn's disease	International immunology	Artículo	2004
Green tea polyphenol epigallocatechin-3-gallate protects hepg2 cells against cyp2e1-dependent toxicity	Free radical biology & medicine	Artículo	2004
Hexadecylphosphocholine inhibits phosphatidylcholine synthesis via both the methylation of phosphatidylethanolamine and cdb-	The international journal of biochemistry & cell	Artículo	2003

the effect of the methylation of phosphatidylcholine and csp choline pathways in hepg2 cells	biochemistry & cell biology	Artículo	2000
Influence of the antitumoral hexadecylphosphocholine upon glycerolipid metabolism in hepg2 cells	Recent research developments in life sciences	Capítulo de libro	2003
Comparative study of the effects of short- and long-term ethanol treatment and alcohol withdrawal on phospholipid biosynthesis in rat hepatocytes.	Comparative biochemistry and physiology. part b, biochemistry & molecular biology	Artículo	2002
Dietary polyunsaturated fatty acids improve histological and biochemical alterations in rats with experimental ulcerative colitis.	The journal of nutrition	Artículo	2002
Hexadecylphosphocholine inhibits phosphatidylcholine biosynthesis and the proliferation of hepg2 cells	European journal of biochemistry (print)	Artículo	2002
Metabolismo lipidico en células de hepatoma humano hepg2. alteraciones inducidas por etanol y hexadecilfosfolina	Universidad de granada. bioquímica y biología molecular	Tesis doctoral	2002
Resistance of hepg2 cells against the adverse effects of ethanol related to neutral lipid and phospholipid metabolism	Biochemical pharmacology	Artículo	2002
Biología celular	Servicio de publicaciones de la universidad de jaen	Libros	2001
Chronic ingestion of ethanol stimulates lipogenic response in rat hepatocytes	Life sciences	Artículo	2001
Metabolismo y transporte de aminofosfolípidos en membranas microsomales de hígado de rata	Universidad de granada. bioquímica y biología molecular	Tesis doctoral	2001
Modulation of biosynthesis of phosphatidylcholine via cdp- choline in rat liver: influence of ethanol on the microsomal cholinephosphotransferase activity	Molecular and cellular biochemistry	Artículo	2001
Chronic diarrhea impairs intestinal antioxidant defense system in rats at weaning	Digestive diseases and sciences	Artículo	2000
Chronic liver injury related to use of bentazepam - an unusual instance of benzodiazepine hepatotoxicity	Digestive diseases and sciences	Artículo	2000
Experimental ulcerative colitis impairs antioxidant defense system in rat intestine	Digestive diseases and sciences	Artículo	2000
Experimental colitis induced by trinitrobenzenesulfonic acid: an ultrastructural and histochemical study	Digestive diseases and sciences	Artículo	1999
Desensitization of oxytocin receptors in human myometrium	Human reproduction update	Artículo	1998
Dietary monounsaturated n-3 and n-6 long-chain polyunsaturated fatty acids affect cellular antioxidant defense system in rats with experimental ulcerative colitis induced by trinitrobenzene sulfonic acid	Digestive diseases and sciences	Artículo	1998
Dietary nucleotides correct plasma and liver microsomal fatty acid alterations in rats with liver cirrhosis induced by oral intake of thioacetamide	Journal of hepatology	Artículo	1998
Dietary nucleotides have cytoprotective properties in rat liver damaged by thioacetamide.	Life sciences	Artículo	1998
Ethanol and lipid metabolism. alterations of lipid composition and fluidity in hepatic subcellular membranes	Recent research developments in lipids research	Capítulo de libro	1998
Incorporation of exogenous precursors into neutral lipids and phospholipids in rat hepatocytes: effect of ethanol in vitro	Biochemical pharmacology	Artículo	1998
Microscopia electronica analitica i. microanálisis de rayos x sobre cortes ultrafinos. en: manual de tecnicas de microscopia electronica. aplicaciones biologicas.	Manual de técnicas de microscopía electrónica (m.e.t.) : aplicaciones biológicas : (fundamentos y procedimientos)	Capítulo de libro	1998

	procedimientos,		
Microscopia electronica analitica ii. espectroscopia de perdida de energia de electrones. en: manual de tecnicas de microscopia electronica. aplicaciones biologicas	Manual de técnicas de microscopía electrónica (m.e.t.) : aplicaciones biológicas : (fundamentos y procedimientos)	Capítulo de libro	1998
Severe malnutrition alters lipid composition and fatty acid profile of small intestine in newborn piglets	The journal of nutrition	Articulo	1998
Activation of the prostaglandin fp receptor in human granulosa cells	Journal of reproduction and fertility	Articulo	1997
Effect of dietary nucleotides on degree of fibrosis and steatosis induced by oral intake of thioacetamide	Digestive diseases and sciences	Articulo	1997
Hepatotoxic agent thioacetamide induces biochemical and histological alterations in rat small intestine	Digestive diseases and sciences	Articulo	1997
Steatosis and collagen content in experimental liver cirrhosis are affected by dietary monounsaturated and polyunsaturated fatty acids	Scandinavian journal of gastroenterology	Articulo	1997
The desensitization of oxytocin receptors in human myometrial cells is accompanied by down-regulation of oxytocin receptor messenger rna	Journal of endocrinology	Articulo	1997
Adaptive changes induced by chronic ethanol ingestion on hepatic mitochondrial and microsomal enzyme activities	The international journal of biochemistry & cell biology	Articulo	1996
Changes in plasma lipoproteins and liver lipids in neonatal rats	Comparative biochemistry and physiology. part a, molecular & integrative physiology	Articulo	1996
Effects of luteolin 5-o-beta-rutinoside in streptozotocin-induced diabetic rats	Life sciences	Articulo	1996
Evidence of differential effects produced by ethanol on specific phospholipid biosynthetic pathways in rat hepatocytes	British journal of pharmacology	Articulo	1996
Fluprostenol activates phospholipase c and ca2+ mobilization in human myometrial cells	Journal of clinical endocrinology & metabolism	Articulo	1996
Influence of administration of long-chain polyunsaturated fatty acids on process of histological recovery in liver cirrhosis produced by oral intake of thioacetamide	Digestive diseases and sciences	Articulo	1996
Influence of dietary nucleotides on liver structural recovery and hepatocyte binuclearity in cirrhosis induced by thioacetamide	Gut	Articulo	1996
Multiple g proteins and phospholipase c isoforms in human myometrial cells: implication for oxytocin action.	Journal of clinical endocrinology & metabolism	Articulo	1996
Serum amino acid changes in rats with thioacetamide-induced liver cirrhosis	Toxicology	Articulo	1996
Studies on phospholipid biosynthesis in hepatocytes from alcoholic rats by using radiolabeled exogenous precursors	Lipids	Articulo	1996
Dietary long-chain polyunsaturated fatty-acids influence the recovery of thioacetamide-induced liver-cirrhosis in rats	Journal of pediatric gastroenterology and nutrition	Articulo	1995
Effect of quercitrin on lactose-induced chronic diarrhea in rats	Planta medica	Articulo	1995
Oxytocin signalling in human myometrium.	Advances in experimental medicine and biology	Articulo	1995
Persistence of the effects of ethanol in-vitro on the lipid order and enzyme-activities of chick-liver membranes	European journal of pharmacology	Articulo	1995
Alteraciones bioquimicas inducidas por el etanol sobre membranas neuronales	Universidad de granada. bioquímica y biología	Tesis doctoral	1994

	molecular		
Influencia del etanol sobre el metabolismo lipidico en hepatocitos de rata	Universidad de granada. bioquímica y biología molecular	Tesis doctoral	1994
A comparative-study of the invitro and invivo formation of lanosterol derivatives from acetate by different chick-tissues	Biochemistry and molecular biology international	Articulo	1993
Cholesterol synthesis and esterification in isolated enterocytes: regulation by cholesterol and cholestyramine feeding	Lipids	Articulo	1993
Luces y sombras sobre el origen de la vida	Mundo científico (barcelona)	Articulo	1993
Electron microscopy 92 vol iii biological sciences	Servicio de publicaciones de la universidad de granada	Libros	1992
Electron microscopy 92. volume i. general	Secretariado de publicaciones de la universidad de granada	Libros	1992
Oleoyl-coa incorporation into triglycerides and phospholipids by chick enterocytes. effects of cholesterol and cholestyramine feeding	Nutrition research	Articulo	1992
Physical properties, lipid composition and enzyme activities of hepatic subcellular membranes from chick embryo after ethanol treatment	Life sciences	Articulo	1992
Adaptaciones moleculares de membranas subcelulares a la presencia de etanol	Universidad de granada. bioquímica y biología molecular	Tesis doctoral	1991
Ethanol and lipid metabolism. differential effects on liver and brain microsomes	Febs letters	Articulo	1991
Haemopoietic phagocytes in early differentiating avian retina	Journal of anatomy	Articulo	1991
Macrophages of hemangioblastic lineage invade the lens vesicle-ectoderm interspace during closure and detachment of the avian embryonic lens	Cell and tissue research	Articulo	1991
Plasma lipoproteins in suckling rats: effect of dietary nucleotides	Journal of clinical gastroenterology	Articulo	1991
Plasma lipoproteins in suckling rats: effect of dietary nucleotides	Journal of clinical gastroenterology	Articulo	1991
Acid soluble nucleotide composition of suckling rat liver	International journal of feto-maternal medicine	Articulo	1989
Acid-soluble nucleotide composition in suckling rat liver	International journal of feto-maternal medicine	Articulo	1989
Regulation of mevalonate-5-pyrophosphate decarboxylase in isolated cells from chick intestinal epithelium	Biochemical journal	Articulo	1989
A relationship between the activities of hepatic lanosterol 14alpha-demethylase and 3-hydroxi-3-methylglutaryl-coa reductase	Biochemical journal	Articulo	1988
Age related changes in the in vivo mevalonate metabolism in chick kidneys	Archives internationals of physiology and biochimie	Articulo	1988
Hepatic and intestinal formation of polar sterols in vivo in animals fed on a cholesterol-supplemented diet	Biochemical journal	Articulo	1988
Inhibition of hepatic cholesterologenesis during postnatal development. role of different nonsaponifiable lipids acumulated after cholesterol feeding	Nutrition reports international	Articulo	1988
Regulation of hepatic cholesterologenesis by polar steroids acumulated after cholesterol feeding	Bioscience reports	Articulo	1988
Spatial and temporal correlation between early nerve fiber growth and neuroepithelial cell death in the chick embryo retina	Anatomy and embryology	Articulo	1988
Analisis morfologico e histoquimico de los procesos de muerte celular en la diferenciacion inicial de la retina del embrion de pollo	Universidad de granada. biología celular	Tesis doctoral	1987

Posthatching evolution of in vivo mevalonate metabolism in chick liver	Biochemistry international	Articulo	1987
Characterization of acyl-coa:cholesterol acyltransferase from neonatal chick liver	The international journal of biochemistry & cell biology	Articulo	1986
Differential response of chick liver and brain membranes to short ethanol treatment.	Neurochemical research	Articulo	1986
Effect of ethanol on lipid composition of neonatal chick liver	Nutrition research	Articulo	1986
Embryonic development of mevalonate metabolism by sterol and nonsterol pathways in chick brain and liver	International journal of developmental neuroscience	Articulo	1986
Las lipoproteinas durante la etapa lactante; alteraciones inducidas por el acido orotico y su posible prevencion	Universidad de granada. bioquímica y biología molecular	Tesis doctoral	1986
Quantitative role of different embryonic tissues in mevalonate metabolism by sterol and nonsterol pathways	Biochimica et biophysica acta	Articulo	1986
The fatty acid composition of mitochondria, microsomes and myelin from neonatal chick brain.	Neuropharmacology	Articulo	1986
...y la tierra palpité.	Hermann blume	Libros	1985
Evolution of 3-hydroxy-3-methylglutaryl-coa reductase and microsomal membrane fluidity throughout chick embryo development.	The international journal of biochemistry & cell biology	Articulo	1985
Studies on the diurnal rythm of mevalonate metabolism by sterol and nonsterol pathways and of mevalonate activating enzymes	The international journal of biochemistry & cell biology	Articulo	1985
Analysis of the distribution of neuronal cytomorphometric parameters in the dorsal lateral geniculate nucleus of the rat [análisis de la distribución de parámetros citomorfométricos neuronales en el nu	Instituto cajal de investigaciones biologicas. trabajos	Articulo	1984
Effect of dietary cholesterol on mevalonate metabolism by sterol and nonsterol pathways	Biochemistry	Articulo	1984
Postnatal development of the sterol and nonsterol mevalonate metabolism in chick liver and kidneys	Annals of nutrition and metabolism	Articulo	1984
Squalene, lanosterol, and cholesterol synthesis from acetate in neonatal chick tissues	Revista española de fisiología	Articulo	1984
The in vivo incorporation of acetate into different nonsaponifiable lipids by neonatal chick tissues	Comparative biochemistry and physiology. part a, molecular & integrative physiology	Articulo	1984
Incorporation of mevalonate into squalene, lanosterol and cholesterol by different neonatal chick tissues	The international journal of biochemistry & cell biology	Articulo	1983
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
A comparative study of cholesterogenic activities from acetate of neonatal chick liver, kidney and intestinal mucosa	Comparative biochemistry and physiology. part a, molecular & integrative physiology	Articulo	1982
Studies of the in vivo metabolism of mevalonic acid in the neonatal chick	The international journal of biochemistry & cell biology	Articulo	1982
The in vitro metabolism of mevalonate by sterol and nonsterol pathways in neonatal chick	Comparative biochemistry and physiology. part c, pharmacology, toxicology	Articulo	1982

The in vitro metabolism of mevalonate by sterol and nonsterol pathways in neonatal chick	Comparative biochemistry and physiology. part a, molecular & integrative physiology	Articulo	1982
Further studies on mevalonate phosphorylation in neonatal chick brain	Neurochemistry research	Articulo	1981
Properties of mevalonate activating enzymes in developing chick brain	Revista española de fisiología	Articulo	1981
Determinación estereológica sobre la constitución del geniculado lateral de mus musculus	Universidad de granada. biología celular	Tesis doctoral	1980
Kidney metabolism of mevalonic acid in neonatal chick	Comparative biochemistry and physiology. part a, molecular & integrative physiology	Articulo	1980
Characterization of mevalonate activating enzymes in the neonatal chick liver	Comparative biochemistry and physiology. part b, biochemistry & molecular biology	Articulo	1978
Mevalonate phosphorylation in the neonatal chick liver	Biochemical and biophysical research communications	Articulo	1976

	Título proyecto	Tipo	Inicio	Fin
1	[motriz] desarrollo y evaluación de nuevos antitumorales alquilfosfolípidos que modifican la homeostasis intracelular de colesterol	Proyecto	1/27/13	6/26/17
2	Modulation of sterol-responsive nuclear receptors by antitumor alkylphospholipids in human hepatoma hepg2 cells	Proyecto	1/7/11	12/31/11
3	Efecto antitumoral de alquilfosfolípidos: alteraciones de la homeostasis de colesterol y rafts lipídicos	Proyecto	1/1/07	12/30/09
4	Mecanismo molecular de interacción del etanol con membranas subcelulares. alteraciones de componentes lípido-proteicos tras el consumo de alcohol	Proyecto	1/1/98	7/1/01
5	Influencia de la suplementación con nucleótidos de la dieta sobre los procesos de alteración hepática en cirrosis experimental inducida por tioacetamida	Contrato	1/1/95	10/10/99
6	Influencia del etanol sobre la biosíntesis y distribución asimétrica de aminofosfolípidos en membranas subcelulares	Proyecto	1/1/94	1/1/97
7	Alteraciones bioquímicas inducidas por el etanol sobre membranas neuronales	Proyecto	1/1/88	12/31/90
8	Efecto de la intoxicación etílica sobre membranas subcelulares durante el desarrollo embrionario	Proyecto	1/1/85	12/31/87
9	Estudio histológico en modelos animales de malnutrición y alergia	Contrato	10/9/00	

Actividades 0

Título actividad	Entidad	Tipo	Fecha
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Colaboradores 40

- CARMEN MARCO DE LA CALLE (108)
- MARIA PAZ CARRASCO JIMENEZ (99)
- JOSEFA LIBORIA SEGOVIA PARRA (85)
- JOSÉ MANUEL JIMÉNEZ LÓPEZ (62)
- PABLO RÍOS MARCO (52)
- ANGEL GIL HERNANDEZ (18)
- ANTONIO JOSÉ ENTRENA GUADIX (18)
- MIGUEL ANGEL GALLO MEZO (15)
- LUISA CARLOTA LOPEZ CARA (14)
- SANTIAGO SCHIAFFINO ORTEGA (8)
- ANA CONEJO GARCÍA (7)
- ANTONIO RÍOS GUADIX (7)
- MARIA DOLORES SUAREZ ORTEGA (7)
- ANTONIO SÁNCHEZ POZO (5)
- LUIS FONTANA GALLEGO (5)
- ANTONIA ARÁNEGA JIMÉNEZ (4)
- JUAN ANTONIO MARCHAL CORRALES (4)
- MIGUEL ANGEL CUADROS OJEDA (4)
- XIOMARA GÁLVEZ ESCOLANO (4)
- ANA LINARES GIL (3)
- CONCEPCIÓN RUIZ RODRÍGUEZ (3)
- FERMÍN CAPITÁN CAÑADAS (3)
- FERNANDO RODRÍGUEZ SERRANO (3)
- JAVIER RAMOS TORRECILLAS (3)
- HOURIA BOULAIZ TASSI (2)
- JOSE MARIA ARIAS PEÑALVER (2)

- JOSÉ CARLOS PRADOS SALAZAR (2)
- ALBERTO LÓPEZ GALINDO (1)
- CONSOLACIÓN MELGUIZO ALONSO (1)
- ESMERALDA CARRILLO DELGADO (1)
- JUAN ANTONIO AGUILERA MOCHÓN (1)
- JULIO BALLESTA CLAVER (1)
- JULIO JUAN GÁLVEZ PERALTA (1)
- JULIO NAVASCUÉS MARTÍNEZ (1)
- MARIA DOLORES GIRON GONZALEZ (1)
- MARIA DOLORES MESA GARCIA (1)
- MARÍA CELIA VÉLEZ FERNÁNDEZ (1)
- M^a PILAR UTRILLA NAVARRO (1)
- OCTAVIO CABA PÉREZ (1)
- RAUL ORTIZ QUESADA (1)