

RAFAEL JIMENEZ MEDINA

Grupo de Investigación: GENOMICA FUNCIONAL Y EVOLUTIVA (Cod.: BIO109)

Departamento: Universidad de Granada. Genética

Citas en Google Scholar: <https://scholar.google.es/citations?user=M3WcNpUAAAAJ&hl=es>

RG: https://www.researchgate.net/profile/Rafael_Jimenez5

Correo electrónico: rjimenez@ugr.es

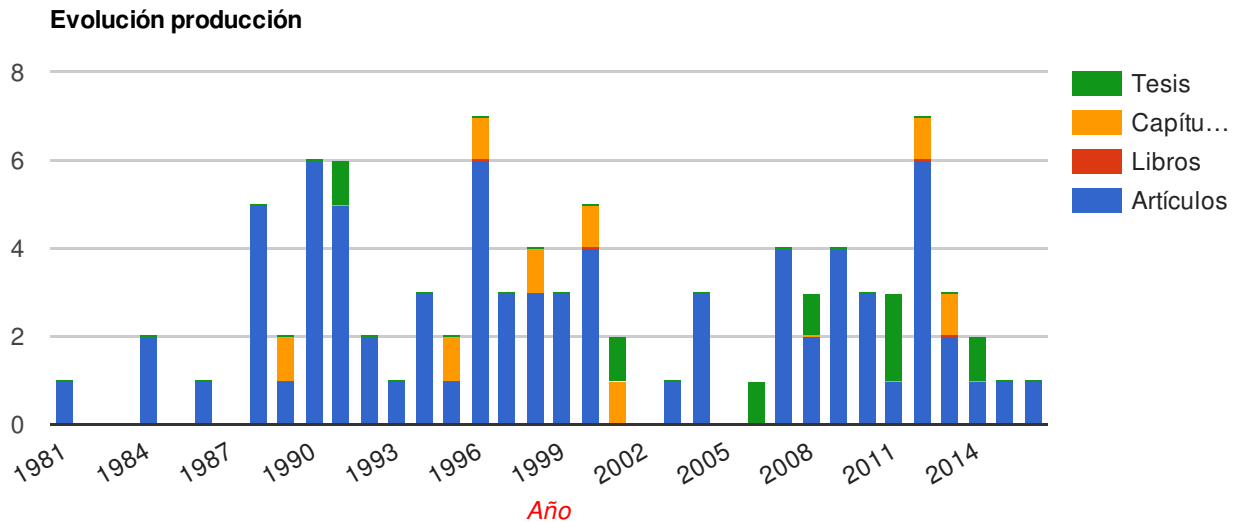
Código: 26782



Ficha del Directorio

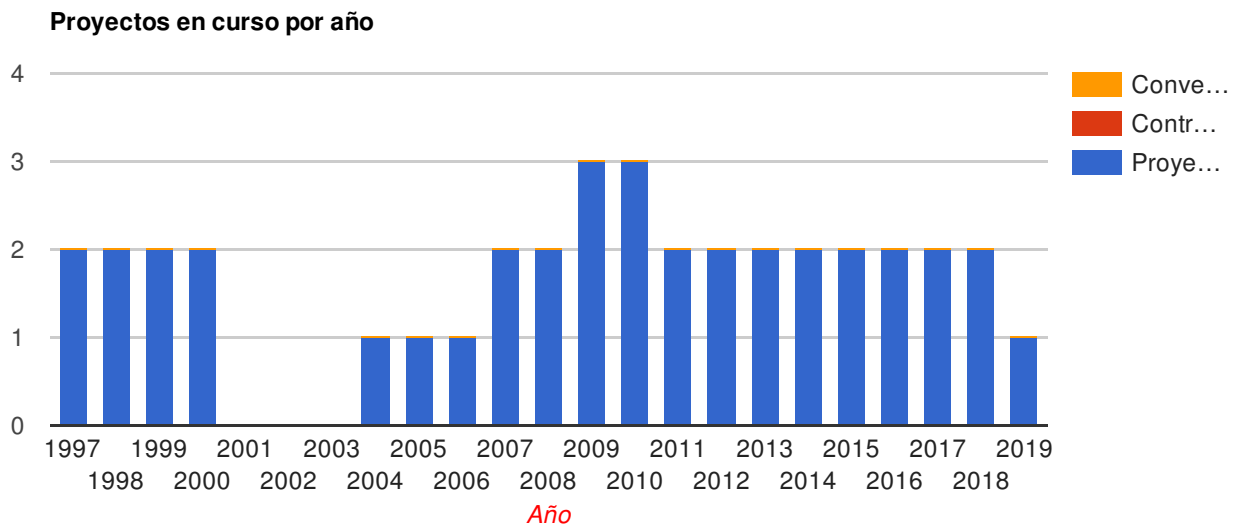
Producción 91

Artículos (76) Libros (0) Capítulos de Libros (8) Tesis dirigidas (7)



Proyectos dirigidos 7

Proyectos (7) Contratos (0) Convenios (0)



Actividades 4

Titulo publicación	Fuente	Tipo	Fecha
Sox9 and sox8 protect the adult testis from male-to-female genetic reprogramming and complete degeneration	Elife	Articulo	2016
Circannual testis changes in seasonally breeding mammals	Sexual development	Articulo	2015
Genetic control of the seasonal reproductive cycle in micromammals	Universidad de granada. facultad de ciencias	Tesis doctoral	2014
The testis of greater white-toothed shrew <i>crocidura russula</i> in southern european populations: a case of adaptive lack of seasonal involution?	Journal of experimental zoology. part b: molecular and developmental evolution	Articulo	2014
A microrna (mmu-mir-124) prevents sox9 expression in developing mouse ovarian cells	Biology of reproduction	Articulo	2013
Capítulo 10. herencia extranuclear	Genética: conceptos esenciales	Capítulo de libro	2013
Identification of live germ-cell desquamation as a major mechanism of seasonal testis regression in mammals: a study in the iberian mole (<i>talpa occidentalis</i>)	Biology of reproduction	Articulo	2013
Chapter 12. a molecular & morphological study of a peculiar limb morphology: the development and evolution of the mole's thumb	From clone to bone-the synergy of morphological and molecular tools in paleobiology	Capítulo de libro	2012
Circumventing the polydactyly constraint: the mole's thumb	Biology letters	Articulo	2012
Genes promoting and disturbing testis development	Histology and histopathology	Articulo	2012
Morphology and ultrastructure of the chorioallantoic placenta of the iberian mole (<i>talpa occidentalis</i>) with special reference to heterophagous areolas and the nature of interhaemal barrier	Journal of anatomy	Articulo	2012
Natural exceptions to normal gonad development in mammals	Sexual development	Articulo	2012
Pattern and density of vascularization in mammalian testes, ovaries and ovotestes	Journal of experimental zoology	Articulo	2012
Positive and negative unintended human-induced effects on iberian mole abundance at the edge of its distribution area	Mammalian biology	Articulo	2012
Control genético del desarrollo gonadal de <i>talpa occidentalis</i>	Universidad de granada. genética	Tesis doctoral	2011
Micromas implicados en la determinación del sexo	Universidad de granada. facultad de ciencias	Tesis doctoral	2011
Origin and function of embryonic sertoli cells	Biomolecular concepts	Articulo	2011
Development of the cornea of true moles (<i>talpidae</i>): morphogenesis and expression of pax6 and cytokeratins.		Articulo	2010
Expression of genes controlling testicular development in adult testis of the seasonally breeding iberian mole	Sexual development	Articulo	2010
Role of apoptosis and cell proliferation in the testicular dynamics of seasonal breeding mammals: a study in the iberian mole, <i>talpa occidentalis</i> .	Biology of reproduction	Articulo	2010
Retinal development and function in a blind mole	Royal society of london. proceedings. series b. (biological sciences)	Articulo	2009
Sox9 is not required for the cellular events of testicular organogenesis in xx mole ovotestes	Journal of experimental zoology. part b: molecular and developmental evolution	Articulo	2009
The spatio-temporal pattern of testis organogenesis in mammals - insights from the mole	The international journal of developmental biology	Articulo	2009
The spatiotemporal pattern of testis organogenesis in mammals. insights from the mole.		Articulo	2009
Genetic control of seasonal reproductive cycle in talpa	Universidad de granada	Tesis	

Genetic control of seasonal reproductive cycle in talpa occidentalis	Universidad de granada. genética	Tesis doctoral	2008
The evolution of female mole ovotestes evidences high plasticity of mammalian gonad development.	Journal of experimental zoology. part b: molecular and developmental evolution	Articulo	2008
The molecular basis of defective lens development in the iberian mole	Bmc biology	Articulo	2008
Histone h3 lysine 9 acetylation pattern suggests that x and b chromosomes are silenced during entire male meiosis in a grasshopper	Cytogenetic and genome research	Articulo	2007
Meiosis onset is postponed to postnatal stages during ovotestis development in female moles	Sexual development	Articulo	2007
Meiosis onset is postponed to postnatal stage during ovotestis development in female moles		Articulo	2007
Ossification sequence in the mole talpa occidentalis (eulipotyphla, talpidae) and comparison with other mammals	Mammalian biology	Articulo	2007
Control genético del desarrollo gonadal temprano de talpa occidentalis	Universidad de granada. genética	Tesis doctoral	2006
Developmental stages and growth rate of the mole talpa occidentalis (insectivora, mammalia)	Journal of mammalogy	Articulo	2004
Testis-like development of gonads in female moles. new insights on mammalian gonad organogenesis	Developmental biology	Articulo	2004
Transmission analysis of b chromosomes in rattus rattus from northern africa	Cytogenetic and genome research	Articulo	2004
Abnormal sex - duct development in female moles: the role of anti-mullerian hormone and testosterone	The international journal of developmental biology	Articulo	2003
Estandarización genética, transgenización y clonación	Ciencia y tecnología en protección y experimentación animal	Capítulo de libro	2001
Expresión génica durante el desarrollo gonadal de talpa occidentalis	Universidad de granada. genética	Tesis doctoral	2001
A faster procedure for preparing amniotic cells for sexing embryos	Technical tips online	Articulo	2000
Factores que influyen en la experimentacion y bienestar animal. estandarizacion genetica, transgenizacion y clonacion.	Ciencia y tecnologia en proteccion y experimentacion animal	Capítulo de libro	2000
Inactive ribosomal cistrons are spread throughout the b chromosomes of rattus rattus (rodentia, muridae). implications for their origin and evolution	Chromosome research	Articulo	2000
Sex-chromosome pairing through heterochromatin in the african rodent lemniscomys barbarus (rodentia, muridae). a synaptonemal complex study	Chromosome research	Articulo	2000
The sry gene hmg-box in micro- and megabats	Cytogenetic and genome research	Articulo	2000
Isolation of a species-specific satellite dna with a novel cenp-b-like box from the north african rodent lemniscomys barbarus	Experimental cell research (online)	Articulo	1999
Multiple mono- and polymorphic y-linked copies of the sry hmg-box in microtidae	Cytogenetic and genome research	Articulo	1999
The relative rdna content of a nor determines its level of expression and its probability of becoming active. a sequential silver staining and in-situ hybridization study	Chromosome research	Articulo	1999
Antigenos especificos del sexo	Investigacion y ciencia	Articulo	1998
Estandarizacion genetica del animal de laboratorio	Responsable de investigacion. formacion especifica de	Capítulo	1998

Estandarización genética del animal de laboratorio	postgrado en protección y experimentación animal	de libro	1990
Mammalian sex determination: joining pieces of the genetic puzzle	Bioessays	Artículo	1998
Sequential silver staining and in situ hybridization reveal a direct association between rDNA levels and the expression of homologous nucleolar organizing regions: a hypothesis for NOR structure and function	Journal of cell science	Artículo	1998
Interchromosomal, intercellular and interindividual variability of NORs studied with silver staining and in situ hybridization	Heredity	Artículo	1997
Multiple, polymorphic copies of SRY in both males and females of the vole <i>Microtus cabrerarum</i>	Cytogenetic and genome research	Artículo	1997
Recent evolution of NOR-bearing and sex chromosomes of the north African rodent <i>Lemniscomys barbarus</i>	Chromosome research	Artículo	1997
An alternative to blunt-end ligation for cloning DNA fragments with incompatible ends	Trends in genetics	Artículo	1996
Distribution of sister chromatid exchanges in different types of chromatin in the X chromosome of <i>Microtus cabrerarum</i>	Experientia	Artículo	1996
Females of four mole species of genus <i>Talpa</i> (Insectivora, Mammalia) are true hermaphrodites with ovotestes	Molecular reproduction and development	Artículo	1996
High sequence identity between the SRY HMG box from humans and insectivores	Mammalian genome	Artículo	1996
Ovotestis variability in young and adult females of the mole <i>Talpa occidentalis</i> (Insectivora, Mammalia)	The journal of experimental zoology (print)	Artículo	1996
Puzzling out the genetics of mammalian sex determination	Trends in genetics	Artículo	1996
Radiobiología y sus aspectos psicosociales	Monografía de la VIII edición de los cursos de verano de la Universidad de Granada en Ceuta	Capítulo de libro	1996
Cytogenetic peculiarities in the Algerian hedgehog - silver stains not only NORs but also heterochromatic blocks	Heredity	Artículo	1995
Técnicas de diagnóstico genético y su interés sanitario	Monografía de los cursos de verano de la Universidad de Granada en Ceuta. VII edición	Capítulo de libro	1995
A substance secreted by rat Sertoli cells induces feminization of embryonic chick testes in-vitro	Anatomy and embryology	Artículo	1994
Further cytogenetic variations in the karyotype of <i>Erinaceus europaeus</i> (Insectivora, Mammalia)	Cytobios	Artículo	1994
Procedures for SxS antigen detection by antibody-mediated cytotoxicity tests. A comparative analysis	Journal of immunoassay and immunochemistry	Artículo	1994
Fertile females of the mole <i>Talpa occidentalis</i> are phenotypic intersexes with ovotestes	Development	Artículo	1993
Replication of the heterogeneous heterochromatin of the sex-chromosomes of <i>Microtus cabrerarum</i>	Experientia	Artículo	1992
Restriction enzyme banding and in situ nick translation on different types of hetero- and euchromatin	Experimental cell research (online)	Artículo	1992
Achiasmatic giant sex chromosomes in the vole <i>Microtus cabrerarum</i> (Rodentia, Mammalia)	Cytogenetics and cell genetics	Artículo	1991
Achiasmatic sex-chromosomes in <i>Pitymys duodecimcostatus</i> . Mechanisms of association and segregation	Cytogenetics and cell genetics	Artículo	1991
Cytogenetic studies in <i>Pitymys duodecimcostatus</i>	Cytobios	Artículo	1991
Estudio de los aspectos serológicos y funcionales del antígeno SxS	Universidad de Granada. Genética	Tesis doctoral	1991
Evolution of the <i>Eliomys</i> karyotypes in western Mediterranean			1991

regions	Cytobios	Articulo	1991
The synaptic sequence in hydroxyurea-treated spermatocytes of <i>pitymys duodecimcostatus</i> (rodentia, microtidae)	Cytogenetics and cell genetics	Articulo	1991
Fluorescence banding in four species of microtidae: an analysis of the evolutive changes of the constitutive heterochromatin	Genetica	Articulo	1990
Synaptonemal complex analysis in <i>talpa occidentalis</i> spermatocytes. ii. evolution of the x chromosome self-pairing process	Cytogenetics and cell genetics	Articulo	1990
Synaptonemal complex analysis in <i>talpa occidentalis</i> spermatocytes. ii. evolution of the x chromosome self-pairing process	Cytogenetic and genome research	Articulo	1990
Synaptonemal complex-analysis of spermatocytes of <i>talpa-occidentalis</i> (insectivora, mammalia) - autosomal synapsis and substaging of zygonema and pachynema	Cytogenetics and cell genetics	Articulo	1990
The reproductive cycle of <i>talpa occidentalis</i> in the southeastern iberian peninsula	Acta theriologica	Articulo	1990
Variable conservation of nors during karyotypic evolution in microtidae	Genome (ottawa. online)	Articulo	1990
Control genético de la diferenciación gonadal. un análisis crítico	Genética	Capítulo de libro	1989
Quantitative analysis of nor‑ag‑staining in <i>eliomys quercinus</i>	Genome (ottawa. online)	Articulo	1989
A study of the ag‑staining significance in mitotic nors	Heredity	Articulo	1988
Comparative study of g‑ and c‑banded chromosomes of five species of microtidae: a chromosomal evolution analysis	Genome (ottawa. online)	Articulo	1988
Heterogeneous heterochromatin and size variation in the sex chromosomes of <i>microtus cabreræ</i>	Cytogenetic and genome research	Articulo	1988
Sex reversal in a wild population of <i>talpa occidentalis</i> (insectivora, mammalia)	Genetical research (print)	Articulo	1988
Xy females in <i>microtus cabreræ</i> (rodentia, microtidae): a case of possibly y‑linked sex reversal	Cytogenetic and genome research	Articulo	1988
Rapid simple and reliable combined method for g‑banding mammalian and human chromosomes	Stain technology	Articulo	1986
Karyotype and chromosome banding in the mole (<i>talpa occidentalis</i>) from the south‑east of the iberian peninsula. implication on its taxonomic position	Caryologia; giornale di citologia, citosistemica, e citogenetica	Articulo	1984
Meiotic behaviour of sex chromosomes and polymeiosis in three species of insectivores	Genetica	Articulo	1984
About the karyotype of <i>microtus nivalis martini</i> (rodentia, microtinae)	Caryologia; giornale di citologia, citosistemica, e citogenetica	Articulo	1981

	Título proyecto	Tipo	Inicio	Fin
1	Mecanismos de regresion y activacion testicular en mamiferos con reproduccion estacional: control genetico y susceptibilidad a cambios ambientales	Proyecto	1/1/16	12/31/18
2	Identificacion y funcion de mirnas implicados en la determinacion del sexo en mamiferos	Proyecto	1/1/12	12/31/15
3	Elementos geneticos y ambientales que controlan los cambios gonadales en mamiferos con reproduccion estacional	Proyecto	1/1/09	12/31/11
4	Implicacion de mirnas en el control de genes de determinacion sexual	Proyecto	4/11/07	3/31/10
5	Mecanismos de diferenciación y reversión sexual en mamíferos: iii.expresión de genes implicados en el determinismo genético del sexo	Proyecto	12/1/97	12/1/00
6	Mecanismos de diferenciacion y reversion sexual en mamiferos: iii. expresion de genes implicados en el determinismo genetico del sexo.	Proyecto	12/1/97	12/1/00
7	Desarrollo gonadal y reversion sexual en talpidos	Proyecto	12/13/04	

Actividades 4

Título actividad	Fuente	Tipo	Fecha
Participación en comité de revista: journal of experimental zoology part b-molecular and developmental evolution		Comités científicos de revista	Jul 1, 2006
Participación en comité de revista: mammalian biology		Comités científicos de revista	Dec 1, 2008
Participación en comité de revista: andrologia		Comités científicos de revista	Jun 1, 2009
Participación en comité de revista: development (cambridge)		Comités científicos de revista	Mar 1, 2006

Colaboradores

- MIGUEL BURGOS POYATOS (75)
- FRANCISCO JAVIER BARRIONUEVO JIMENEZ (17)
- FEDERICO ZURITA MARTINEZ (16)
- FRANCISCO DAVID CARMONA LÓPEZ (12)
- DARÍO JESÚS GARCÍA LUPIAÑEZ (10)
- FRANCISCA MARTÍNEZ REAL (6)
- M^a ESPERANZA ORTEGA SÁNCHEZ (4)
- ANTONIO MUÑOZ VINUESA (1)
- FRANCISCO CRUZ QUINTANA (1)
- JOSEFA CABRERO HURTADO (1)
- JUAN PEDRO MARTINEZ CAMACHO (1)
- LUIS CABALLERO LOPEZ-LENDINEZ (1)
- RAFAEL NAVAJAS PEREZ (1)