

Líneas de investigación

- Construcción de órganos y tejidos
- Control de calidad celular: Viabilidad celular
- Banco de tejidos
- Embriología humana y experimental
- Biomateriales y adhesión

Publicaciones recientes:

Martinez R, Martin-Subero JI, Rohde V, Kirsch M, Alaminos M, Fernandez AF, Ropero S, Schackert G, Esteller M.

A microarray-based DNA methylation study of glioblastoma multiforme.

[Epigenetics. 2009 May;4\(4\):255-64](#) . Epub 2009 May 29.

Carreras FJ, Porcel D, Alaminos M, Garzón I.

Cell-Cell Adhesion in the Prelaminar Region of the Optic Nerve Head: A Possible Target for Ionic Stress.

[Ophthalmic Res. 2009 Jun 23;42\(2\):106-111](#). [Epub ahead of print]

Garzón I, Sánchez-Quevedo MC, Moreu G, González-Jaranay M, González-Andrades M, Montalvo A, Campos A, Alaminos M.

In vitro and in vivo cytokeratin patterns of expression in bioengineered human periodontal mucosa.

[J Periodontal Res. 2009 Mar 7](#). [Epub ahead of print]

González-Andrades M, Garzón I, Gascón MI, Muñoz-Ávila JI, Sánchez-Quevedo MC, Campos A, Alaminos M.

Sequential development of intercellular junctions in bioengineered human corneas.

[J Tissue Eng Regen Med. 2009 May 5](#). [Epub ahead of print]

de Silanes IL, Gorospe M, Taniguchi H, Abdelmohsen K, Srikantan S, Alaminos M, Berdasco M, Urduñigo RG, Fraga MF, Jacinto FV, Esteller M.

The RNA-binding protein HuR regulates DNA methylation through stabilization of DNMT3b mRNA.

[Nucleic Acids Res. 2009 May;37\(8\):2658-71](#). Epub 2009 Mar 6.

Líneas de investigación

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Specific gene expression profiles and chromosomal abnormalities are associated with infant disseminated neuroblastoma.

[BMC Cancer. 2009 Feb 3;9:44.](#)

Urduinguio RG, Lopez-Serra L, Lopez-Nieva P, Alaminos M, Diaz-Uriarte R, Fernandez AF, Esteller M.

Mecp2-null mice provide new neuronal targets for Rett syndrome.

[PLoS One. 2008;3\(11\):e3669.](#) Epub 2008 Nov 7.

Berdasco M, Alcázar R, García-Ortiz MV, Ballestar E, Fernández AF, Roldán-Arjona T, Tiburcio AF, Altabella T, Buisine N, Quesneville H, Baudry A, Lepiniec L, Alaminos M, Rodríguez R, Lloyd A, Colot V, Bender J, Canal MJ, Esteller M, Fraga MF.

Promoter DNA hypermethylation and gene repression in undifferentiated Arabidopsis cells.

[PLoS One. 2008 Oct 1;3\(10\):e3306.](#)

Fernandez-Segura E, Warley A.

Electron probe X-ray microanalysis for the study of cell physiology.

[Methods Cell Biol. 2008;88:19-43.](#) Review.

Calvanese V, Horrillo A, Hmadcha A, Suarez-Alvarez B, Fernandez AF, Lara E, Casado S, Menendez P, Bueno C, Garcia-Castro J, Rubio R, Lapunzina P, Alaminos M, Borghese L, Terstegge S, Harrison NJ, Moore HD, Brüstle O, Lopez-Larrea C, Andrews PW, Soria B, Esteller M, Fraga MF.

Cancer genes hypermethylated in human embryonic stem cells.

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Rodriguez-Morata A, Garzon I, Alaminos M, Garcia-Honduvilla N, Sanchez-Quevedo MC, Bujan J, Campos A.

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[Ann Vasc Surg. 2008 May-Jun;22\(3\):440-8.](#)

De La Vega Elena CD, Nogués N, Fernández Montoya A, Chialina S, Blanzaco PD, Theiller E, Raillon MA, Arancegui N, Solis E, Oyonarte S, Crespo Ferrer V, Campos Muñoz A, Muñoz-Díaz E.

Human platelet-specific antigens frequencies in the Argentinean population.

[Transfus Med. 2008 Apr;18\(2\):83-90.](#)

Sánchez A, Setién F, Martínez N, Oliva JL, Herranz M, Fraga MF, Alaminos M, Esteller M, Rojas JM.

Epigenetic inactivation of the ERK inhibitor Spry2 in B-cell diffuse lymphomas.

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Alaminos M, González-Andrades M, Muñoz-Avila JI, Garzón I, Sánchez-Quevedo MC, Campos A.

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[Exp Eye Res. 2008 May;86\(5\):758-69.](#)

Ropero S, Ballestar E, Alaminos M, Arango D, Schwartz S Jr, Esteller M.

Transforming pathways unleashed by a HDAC2 mutation in human cancer.

[Oncogene. 2008 Jun 26;27\(28\):4008-12.](#)

Rodriguez IA, Fernandez-Segura E, Ceballos G, Arrebola F, Sanchez-Quevedo MD, Campos A
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Lopez-Serra L, Ballestar E, Ropero S, Setien F, Billard LM, Fraga MF, Lopez-Nieva P, Alaminos M, Guerrero D, Dante R, Esteller M.

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