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**Ministerio de Economía y Competitividad.  
Secretaría de Estado de Investigación,  
Desarrollo e Innovación**

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## **Curriculum vitae**

Name: Antonio Rodríguez Márquez

Date: February 1<sup>st</sup>, 2012

Surname: Rodríguez

Forenames: Antonio

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**Current position**

Organization: UNIVERSIDAD AUTONOMA DE MADRID (UAM)  
 Faculty, School, or Institute: Facultad de Ciencias  
 Dept./Section.: Molecular Biology  
 Postal address: Facultad de Ciencias, C-05 building, Lab. 303  
 Telephone (include prefix, number and extension): 3491497-4869 (office) or -2768 (lab)  
 Fax: 3491497-4870  
 E-mail: [a.rodriquez@uam.es](mailto:a.rodriquez@uam.es)  
 Website: <http://www.rodriquezlab.com>

Specialty (UNESCO codes): Molecular Biology (2302.21)  
 Professional category: Associate Professor Start date: 11/2009

Administrative situation

Staff contract     Fixed-term contract     Temp.     Stipendiary grant holder  
 Other (specify):

Full-time Part time 


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**Research interests**

Please give a brief description, using keywords, of your specialization and current research interests.

Administration of anti-inflammatory cytokines is a common therapeutic strategy in chronic inflammatory diseases. However, these treatments have several limitations — such as expense, the need for repeated injections and unwanted side effects — that can be overcome by genetic delivery. Gene therapy is an efficient method for delivering therapeutic molecules to target cells. Development of gene therapy approaches for treating chronic inflammatory diseases is a challenge as it requires the production of anti-inflammatory molecules at the diseased tissues only when they are needed. In our research group we have generated several inflammation-regulated lentiviral expression systems which are induced upon acute inflammation. Our aim is to express anti-inflammatory molecules, such as IL-10 and IL1Ra, under these inflammation-inducible systems in cell cultures and in animal models. These results may help in the design of new strategies for the local treatment of chronic inflammatory diseases such as cardiovascular diseases and autoimmune disorders which includes type 1 diabetes and neurodegenerative disease.

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**Academic Training**

Qualification	Center	Date
BSc. in Biology	Universidad Autonoma de Madrid (Spain)	07/10/1990

Doctorate	Center	Date
PhD Immunology	Universidad Autonoma de Madrid (Spain)	12/15/1995

**Previous professional scientific activities**

Post	Institution	Dates
Undergraduate Student (with a grant from Ministerio Educación y Ciencia (MEC))	CENTRO DE BIOLOGIA MOLECULAR SEVERO OCHOA (CBM) UAM-CSIC, Madrid (Spain)	1988-1990
Graduate Researcher (Doctoral Student with a grant from MEC)	Servicio de Inmunología, Hospital Universitario de la Princesa, Madrid (Spain)	1991-1994
Graduate Researcher (with a grant from MEC)	Dept. Cardiology, Children's Hospital, Boston (USA)	1993
Postdoctoral Researcher (with a grant from MEC)	Dana-Farber Cancer Institute, Boston (USA)	1996-1998
Lady Tata fellowship	Dana-Farber Cancer Institute, Boston (USA)	1998-1999
Researcher (with a fixed-term contract from MEC)	CENTRO DE BIOLOGIA MOLECULAR SEVERO OCHOA (CBM) UAM-CSIC, Madrid (Spain)	2000-2001
Researcher (with a fixed-term contract from Ministerio de Sanidad y Consumo)	Centro Nacional de Investigaciones Cardiovasculares (CNIC), Madrid (Spain)	2002-2004
Professor (with a Ramón y Cajal contract from Ministerio de Ciencia y Tecnología)	Molecular Biology dept., Universidad Autonoma de Madrid (Spain)	2004-2009
Associate Profesor (Staff contract)	Molecular Biology dept., Universidad Autonoma de Madrid (Spain)	2009-unlimited

**Languages (R = ordinary, B = good, C = excellent)**

Language	Spoken	Read	Written
English	C	C	C

## Participation in R&D Projects funded through open public competition.

(national and/or international)

### Last 5 years (2007-2011)

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Project Title: 'Eicosanoids and nitric oxide: Mediators of cardiovascular, cerebral and neoplastic diseases'

Finance source: Comunidad Europea, 6º Programa Marco (contrato nº005033)

Participating Centers: Universidad Autónoma de Madrid, Karolinska Institutet, The Wolfson Institute for Biomedical Research, The William Harvey Research Institute, Frankfurt University, University of Milan, University of Berlin, The Conway Research Institute, Queen's University

Duration from: 2005 to: 2009

Principal Investigator: Coordinador: Dr. Jesper Z. Haeggström. / Investigador responsable: Juan M. Redondo Moya

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Project Title: 'Desarrollo tecnológico de inhibidores de calcineurina'

Finance source: Fundación Genoma España

Participating Centers: Centro Nacional de Investigaciones Cardiovasculares, Madrid

Duration from: 2007 to: 2009

Principal Investigator: Dr. Juan M. Redondo Moya

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Project Title: 'Aproximación multidisciplinar a la búsqueda de estrategias antiangiogénicas novedosas'

Finance source: Proyectos Intramulares de Frontera, CSIC (Ref. 2005 2 OF 0163)

Participating Centers: Centro de Biología Molecular 'Severo Ochoa', Madrid; Instituto de Química Médica, Madrid; Instituto 'Rocasolano', Madrid.

Duration from: 2007 from: 2009

Principal Investigator: Dr. Antonio Rodríguez Márquez; Coordinated by: Dr. María del Rosario González Muñiz

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Project Title: 'Selección y optimización de anticuerpos recombinantes con utilidad diagnóstica y terapéutica en patologías dependientes de angiogénesis'

Finance source: IV PRICYT de la Comunidad de Madrid

Participating Centers: Universidad Autónoma de Madrid; Centro Nacional de Biotecnología, Madrid; Fundación Puerta de Hierro, Madrid; Centro Nacional de Investigaciones Oncológicas, Madrid.

Duration from: 2006 to: 2010

Principal Investigator: Dr. Antonio Rodríguez Márquez; Coordinated by: Dr. Luis Ángel Fernández

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Project Title: 'Papel de la fosfatasa celular calcineurina en aterosclerosis'

Finance source: Instituto de salud 'Carlos III' (FIS PI060122)

Participating Centers: Universidad Autónoma de Madrid

Duration from: 2007 to: 2009

Principal Investigator: Dr. Antonio Rodríguez Márquez

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Project Title: 'Efecto de la expresión selectiva de péptidos inmunosupresores en endotelio activo en aterogénesis.'

Finance source: Ministerio de Ciencia e Innovación (SAF 2009-10691)

Participating Centers: Universidad Autónoma de Madrid

Duration from: 2010 to: 2012

Principal Investigator: Dr. Antonio Rodríguez Márquez

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Project Title: 'Desarrollo de anticuerpos recombinantes para uso terapéutico y diagnóstico en angiogénesis patológica y para la identificación de nuevos marcadores angiogénicos'

Finance source: V PRICYT de la Comunidad de Madrid (Ref. S2010/BMD-2312)

Participating Centers: Universidad Autónoma de Madrid; Centro Nacional de Biotecnología, Madrid; Fundación Puerta de Hierro, Madrid; Centro Nacional de Investigaciones Oncológicas, Madrid.

Duration from: 2011 to: 2012

Principal Investigator: Dr. Antonio Rodríguez Márquez; Coordinated by: Dr. Luis Ángel Fernández

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**Scientific-Technical Publications or Documents****Last 10 years (2002-2012)**


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(CLAVE: L = libro completo, CL = capítulo de libro, A = artículo, R = "review", E = editor,  
S = Documento científico-técnico restringido)

(Impact Factor [FI] based on Journal Citation Report Science)

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1. Flemington, E. & Rodríguez, A.

"Use of gene overexpression to assess function in cell cycle control"

Methods in Molecular Biology, vol. 241: Cell Cycle Checkpoint Controls Protocols (Humana Press Inc., Totowa, NK) pp 195-206 (2003) CLAVE: CL

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2. Lorenzo, E., Ruiz-Ruiz, C., Quesada, A.J. Hernández, G., Rodríguez, A., López-Rivas, A., and Redondo, J.M.

"Doxorubicin induces apoptosis and CD95 gene expression in human primary endothelial cells through a p53-dependent mechanism"

J. Biol. Chem. 277:10883-10892 (2002).

CLAVE: A

FI: 5.58

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3. Urzainqui, A., Serrador, J.M., Viedma, F., Yáñez-Mó, M., Rodríguez, A., Corbí, A.L., Alonso-Lebrero, J.L., Luque, A., Deckert, M., Vázquez, J., and Sánchez-Madrid, F.

"ITAM-based interaction of ERM proteins with Syk mediates signaling by the Leucocyte adhesion receptor PSGLI-1"

Immunity, 17:1-20 (2002).

CLAVE: A

FI: 19.26

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4. Ruiz de Almodóvar, C., López-Rivas, A., Redondo, J.M., and Rodríguez, A.

"Transcription initiation sites and promoter structure of the human TRAIL-R3 gene"

FEBS letters 531:304-308 (2002).

CLAVE: A

FI: 3.26

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5. Iñiguez, M., Rodríguez, A., Volpert, O., Fresno, M., and Redondo, J.M.

"Blocking cox-2: new ways to create anti-angiogenic drugs"

Trends in Molecular Medicine 9:73-78 (2003).

CLAVE: A

FI: 7.24

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6. Ruiz de Almodovar C, Ruiz-Ruiz C, Rodriguez A, Ortiz-Ferron G, Redondo JM, Lopez-Rivas A.

Tumor necrosis factor-related apoptosis-inducing ligand (TRAIL) decoy receptor TRAIL-R3 is up-regulated by p53 in breast tumor cells through a mechanism involving an intronic p53-binding site.

J Biol Chem. Feb 6; 279(6):4093-101 (2004)

CLAVE: A

FI: 5.58

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7. Ruiz de Almodóvar, C., López-Rivas, A., Redondo, J.M., and Rodríguez, A.

"Promoter of human TRAIL-R3 gene"

Vitamins and Hormones, vol. 67 (Academic Press, Elsevier) pp 51-63 (2004). CLAVE: CL

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8. Ruiz-Ruiz C, Ruiz De Almodovar C, Rodriguez A, Ortiz-Ferron G, Redondo JM, Lopez-Rivas A.

The Up-regulation of Human Caspase-8 by Interferon- $\gamma$  in Breast Tumor Cells Requires the Induction and Action of the Transcription Factor Interferon Regulatory Factor-1.

J Biol Chem. 279(19):19712-19720 (2004)

CLAVE: A

FI: 5.58

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9. Rodríguez A\*, Martínez-Martínez S\*, López-Maderuelo MD, Ortega-Pérez I, Redondo JM. The linker region joining the catalytic and the regulatory domains of CnA is essential for binding to NFAT.

J.Biol.Chem. 280, 9980-9984 (2005)

CLAVE: A

FI: 5.58

\*The first two authors have contributed equally to this paper.

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10. Buch MH, Pickard A, Rodriguez A, Gillies S, Maass AH, Emerson M, Cartwright EJ, Williams JC, Oceandy D, Redondo JM, Neyses L, and Armesilla AL.  
The Sarcolemmal Calcium Pump Inhibits the Calcineurin/NFAT Pathway via Interaction with the Calcineurin A Catalytic Subunit.  
J Biol Chem, 280, 29479-29487 (2005). CLAVE: A FI: 5.58

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11. Martínez-Martínez S\*, Rodríguez A\*, López-Maderuelo MD, Ortega-Pérez I, Vázquez J, Redondo JM. Blockade of NFAT activation by the second calcineurin binding site.  
J Biol Chem, 281:6227-6235 (2006) CLAVE: A FI: 5.58

\*The first two authors have contributed equally to this paper.

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12. **Rodríguez A\*\***, Roy J, Martínez-Martínez S, López-Maderuelo MD, Niño-Moreno P, Ortí L, Pantoja D, Pineda-Lucena A, Cyert MS and Redondo JM\*\*. A conserved docking surface on calcineurin mediates interaction with substrates and immunosuppressants.  
Mol Cell. 2009 Mar 13. 33(5):616-26. CLAVE: A IF: 12.930

\*\*Corresponding authors

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13. Martínez-Martínez S, Genescà L, **Rodríguez A**, Raya A, Salichs E, Were F, López-Maderuelo MD, Redondo JM, de la Luna S  
The RCAN carboxyl end mediates calcineurin docking-dependent inhibition via a site that dictates binding to substrates and regulators.  
Proc Natl Acad Sci U S A. 2009 Apr 14;106 (15):6117-22. CLAVE: A IF: 9.640

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14. NFATc3 regulates the transcription of genes involved in T cell activation and angiogenesis.  
Katia Urso, Arantzazu Alfranca, Sara Martínez-Martínez, Inmaculada Ortega, **Antonio Rodríguez\*\*** and Juan Miguel Redondo\*\*.

\*\*Corresponding authors

Blood 2011 Jul 21; 118(3):795-803 CLAVE: A IF: 10.075  
Epub June 3, 2011

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Revised version submitted (January 2012):

-Torrente, M, Garaulet, G, Alfranca, A, Escolano, A, López-Fontal, R, Hortelano, S, Redondo, JM, and **Rodríguez, A**.  
'IL-10 released by a new inflammation-regulated lentiviral system efficiently attenuates zymosan-induced arthritis'.  
Molecular Therapy MT-R-11-614R1 Revision

- M<sup>a</sup> Angeles Abéngozar, Sergio de Frutos, Sergio Ferreira, Joaquín Soriano, Manuel Perez-Martinez, David Olmeda, Marco Marenchino, Marta Cañamero, Sagrario Ortega, Diego Megias, **Antonio Rodríguez** and Jorge L. Martínez-Torrecedrada.  
'Blocking ephrin-B2 with highly specific antibodies inhibits angiogenesis, lymphangiogenesis, and tumor growth  
Blood MS #BLOOD/2011/380006 Revision

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**Participation in R&D contracts of especial relevance to Business and/or Public Administration Departments** (national and/or international)

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Title of contract/project: Caracterización de los papeles específicos y redundantes de las subunidades del complejo TCR/CD3 en los procesos de activación celular y endocitosis.

Type of contract: Investigador contratado por el programa de ayudas para la incorporación a España de Doctores y Tecnólogos del Ministerio de Educación y Cultura.

Financing Company/Administration Department: Ministerio de Educación y Ciencia /Centro de Biología Molecular 'Severo Ochoa'

Participating Centers: Centro de Biología Molecular 'Severo Ochoa' (CSIC-UAM)

Duration from: 03/2000 to: 01/2002

Principal Investigator: : Dr. Balbino Alarcón

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Title of contract/project: Interacciones NFAT/Calcineurina: estudios, estructura, función y papel en la activación de linfocitos T.

Type of contract: Investigador contratado en la convocatoria del Ministerio de Sanidad y Consumo para el programa de recursos humanos y difusión de la investigación biomédica del Instituto de Salud 'Carlos III'

Financing Company/Administration Department: Comunidad Autónoma de Madrid (CAM 83/0017/2003) / Centro de Biología Molecular 'Severo Ochoa'

Participating Centers: Centro de Biología Molecular 'Severo Ochoa' (CSIC-UAM)/ Centro Nacional de Investigaciones Cardiovasculares (CNIC)

Duration from: 2003 to: 2006

Principal Investigator: Dr. Juan Miguel Redondo Moya

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Title of contract/project: Proyecto: Activación endotelial y angiogénesis mediadas por VEGF y PGE2: Implicaciones de la ruta calcineurina/NFAT y ciclooxigenasa-2.

Type of contract: Investigador contratado en la convocatoria del Ministerio de Sanidad y Consumo para el programa de recursos humanos y difusión de la investigación biomédica del Instituto de Salud 'Carlos III'

Financing Company/Administration Department: Ministerio de Educación y Ciencia

Participating Centers: Centro Nacional de Investigaciones Cardiovasculares (CNIC)/ Instituto de Salud 'Carlos III'

Duration from: 2003 to: 2006

Principal Investigator: Dr. Juan Miguel Redondo Moya

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Title of contract/project: Papel de la calcineurina en procesos de inmunosupresión y angiogénesis: Efecto de inhibidores de calcineurina en la función y regulación de NFAT.

Type of contract: Investigador contratado en la convocatoria del Ministerio de Sanidad y Consumo para el programa de recursos humanos y difusión de la investigación biomédica del Instituto de Salud 'Carlos III'

Financing Company/Administration Department: Instituto de Salud 'Carlos III' (Subvención asociada al contrato FIS, expediente 01/3070) / Centro Nacional de Investigaciones Cardiovasculares (CNIC)

Participating Centers: Centro Nacional de Investigaciones Cardiovasculares (CNIC)/ Instituto de Salud 'Carlos III'

Duration from: 02/2002 to: 11/2004

Principal Investigator: Dr. Antonio Rodríguez Márquez

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Title of contract/project: Interacción entre Calcineurina y NFAT: Bases moleculares para la búsqueda de inhibidores específicos.

Type of contract: Investigador contratado por el Ministerio de Ciencia y Tecnología dentro del 1<sup>er</sup> programa 'Ramón y Cajal' de contratación de nuevo personal investigador.

Financing Company/Administration Department: Instituto de Salud 'Carlos III' (FIS 03/1474)/ Centro de Biología Molecular 'Severo Ochoa' (CSIC-UAM)

Participating Centers: Dpto. de Biología Molecular de la Universidad Autónoma de Madrid / Centro Nacional de Investigaciones Cardiovasculares (CNIC)

Duration from: 11/2004 to: 11/2009

Principal Investigator: Antonio Rodríguez Márquez

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Title of contract/project: Associate professor in Molecular Biology.  
Financing Company/Administration Department: Universidad Autónoma de Madrid  
Participating Centers: Dpto. de Biología Molecular de la Universidad Autónoma de Madrid.  
Duration from: 11/2009 to: unlimited  
Principal Investigator: Antonio Rodríguez Márquez



## Patents and Utility Models

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Inventors (order of signing): J. M. Redondo, Antonio Rodríguez y Sara Martínez-Martínez  
Title: 'Péptidos, nucleotide sequences and CNAlinker13 cells and applications thereof'  
Application N°: PCT/ES2005/070164                      Country of registration: Spain                      Date of registration: 12/15/ 2004  
Ownwe of title: C.S.I.C / C.N.I.C.  
Countries covered: Patent Cooperation Treaty (PCT/ES2005/070164)                      Date: 22.06.2006

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Inventors (order of signing): J. M. Redondo, Antonio Rodríguez y Sara Martínez-Martínez  
Title: 'Selective peptides that inhibit the biological activity of calcineurin'  
Application N°:200503237                      Country of registration: Spain                      Date of registration: 12/29/ 2005  
Ownwe of title: C.S.I.C / C.N.I.C.  
Countries covered: Europe (EP06841769.0) and USA (US12/159,586)

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## Visits to foreign Centers (visits for continuous periods of over one month)

KEY: D = doctoral, P = postdoctoral, I = invited, C = contracted, O = other (specify).

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Center: Dept.Cardiology,Children´s Hospital  
City/Region: Boston                      CountryUSA                      Date: 1993                      Duration (weeks): 12  
Theme: MEF2 transcriptional regulation in myocytes.  
Key: D

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Center: Dana-Farber Cancer Institute / Harvard University  
City/Region: Boston                      CountryUSA                      Date: 1996                      Duration (weeks): 218  
Theme: Tumour virology and cell cycle control.  
Key: P

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**Note:** If required, add more examples by using the copy and paste function.

## Contributions at Scientific Meetings

Last 5 years (2007-2011)

### National

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AUTHORS: TORRENTE M, ALFRANCA A, LOPEZ-FONTAL R, HORTELANO S, REDONDO JM, RODRIGUEZ A.  
TITLE: AN INDUCIBLE LENTIVIRAL VECTOR SYSTEM BASED ON THE ENDOTHELIAL CELL-SPECIFIC E-SELECTIN PROMOTER.  
TYPE OF PARTICIPATION: POSTER  
MEETING: V CONGRESO DE LA SOCIEDAD ESPAÑOLA DE TERAPIA GENICA Y CELULAR  
Where held: GRANADA, ESPAÑA Date: 30/09/2009

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AUTHORS: G. GARAULET, M. TORRENTE, A. ALFRANCA, A. ESCOLANO, R. LÓPEZ-FONTAL, S. HORTELANO, J.M. REDONDO, A. RODRÍGUEZ.  
TITLE: IL-10 EXPRESSION UNDER THE CONTROL OF A NEW INFLAMMATION-REGULATED LENTIVIRAL SYSTEM EFFICIENTLY BLOCKS LOCAL INFLAMMATORY RESPONSES.  
TYPE OF PARTICIPATION: ORAL  
MEETING: VI CONGRESO DE LA SOCIEDAD ESPAÑOLA DE TERAPIA GENICA Y CELULAR  
Where held: ZARAGOZA, ESPAÑA Date: 21/09/2011

### International

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AUTHORS: Martínez-Martínez S, Rodríguez A, de la Luna S, Redondo JM.  
TITLE: Analysis of RCAN1-calcineurin interaction  
TYPE OF PARTICIPATION: Oral  
MEETING: XIV International Symposium on Calcium Binding Proteins (CaBP-07)  
Where held: La Palma, España Date: 16/10/2007

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AUTHORS: A. Rodríguez, Redondo JM  
TITLE: The calcium-calcineurin pathway  
TYPE OF PARTICIPATION: Oral  
MEETING: Annual Eicosanox Meeting  
Where held: Siena, Italia Date: 01/10/2008

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AUTHORS: Torrente M, Alfranca A, López-Fontal R, Hortelano S, Redondo JM, Rodríguez A.  
TITLE: An inducible lentiviral vector system based on the endothelial cell specific promoter.  
TYPE OF PARTICIPATION: Poster  
MEETING: In vivo barriers to gene delivery.  
Where held: Cold Spring Harbor, NY, EE.UU. Date: 16/11/2009

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AUTHORS: Rodríguez A.  
TITLE: Targeting inflammatory sites.  
TYPE OF PARTICIPATION: Organizer and speaker  
MEETING: Of vessels and blood cells: Recent advances in angiogenesis.  
Where held: Centro Nacional de Biotecnología, Madrid, Date: 28/10/2010  
Spain

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## Thesis Mentorship

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Title: Effect of the Inhibition of the Phosphatase Calcineurin in a Murine Model of Experimental Atherosclerosis

PhD student: María Torrente Regidor

University: Universidad Autónoma de Madrid (Spain)

Faculty / School: Facultad de Ciencias

Date: 07/15/2011

Directed by: Dr. Antonio Rodríguez Márquez

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Title: Papel diferencial de NFATc1 y NFATc3 e la regulación de genes implicados en la activación de linfocitos T y en angiogénesis.

PhD student: Katia Urso

University: Universidad Autónoma de Madrid (Spain)

Faculty / School: Facultad de Ciencias

Date: 01/20/2012

Directed by: Drs. Antonio Rodríguez Márquez and Juan M. Redondo Moya

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## International seminars attended

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- Workshop 'The Calcium/Calcineurin/NFAT pathway: Regulation and Function'  
Instituto Juan March de Estudios e Investigaciones, Madrid, Spain (November 2003)
- Curso en 'Advances in cardiovascular imaging' (CART2006)  
Centro Nacional de Investigaciones Cardiovasculares, Madrid, Spain (September 2006)
- Workshop 'Surface plasmon resonance: Analyzing interactions inside and outside the cell' (MEC-CSIC)  
Centro Nacional de Biotecnología, Madrid, Spain (November 2006)
- 3rd International Symposium Gene & Stem Cell Therapy for Heart Failure and other Cardiovascular Diseases  
Instituto de Ciencias del Corazón, Valladolid, Spain (April 2006)
- First Cardiovascular Symposium  
Centro Nacional de Investigaciones Cardiovasculares, Madrid, Spain (June 2008)
- International Symposium 'Recombinant Antibodies: new developments for future challenges'  
(Programa de Biociencias I+D 'Angiobodies' CAM)  
Centro Nacional de Investigaciones Oncológicas, Madrid, Spain (October 2008)
- II Translational Research Meeting'  
Centro Nacional de Investigaciones Oncológicas, Madrid, Spain (November 2009)

## Teaching experience

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Undergraduate program:

-Professor of Biochemistry for BS in Biology program at Universidad Autonoma de Madrid  
Academic years: Since 2004.

Graduate education:

-Invited speaker in the 'Cellular and Molecular Biology of Cardiovascular Diseases' course included in the 'Cellular Signalling and Related Pathologies' program for graduate students.

Organized by: Department of Biochemistry, Molecular Biology and Genetics.

University: Universidad de Extremadura, Spain.

Academic year: 2004-2005.

-Invited speaker in the 'Trends in Immunology' course included in the 'Molecular Biology' program for graduate students.

Organized by: Department of Molecular Biology.

University: Universidad Autonoma de Madrid, Spain.

Academic years: 1999-2003.

-Invited speaker in the 'Basic and Experimental Immunology' course included in the 'Molecular Biology' program for graduate students.

Organized by: Department of Molecular Biology.

University: Universidad Autonoma de Madrid, Spain.

Academic years: 2004-2008.

-Invited speaker in the 'Molecular biology: a practical approach' course included in the 'Molecular Biology' program for graduate students.

Organized by: Department of Molecular Biology.

University: Universidad Autonoma de Madrid, Spain.

Academic years: 2005-2007.

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**Nota:** Si necesita más casos, añádalos utilizando las funciones de copiar y pegar con el 2º caso.

-Academic advisor of Guillermo Luxán, graduate student enrolled in the PhD program of the Department of Molecular Biology at Universidad Autonoma de Madrid.  
Academic years: Since 2007.

-Member of Advance Study Diploma jury in Immunology for the PhD program of the Department of Molecular Biology at Universidad Autonoma de Madrid.  
Academic years: Since 2007.

-Member of Thesis Committees as a representative of the Department of Molecular Biology at Universidad Autónoma de Madrid.  
Academic years: Since 2006.

### **Other achievements or information that you wish to be considered**

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-Diploma in recognition of outstanding scientific achievement

Awarded to: Dr. Mamta Buch

Awarded for: Winning Moderated e-poster oral presentation (The sarcolemmal calcium pump: a new dimension in the regulation of the calcineurin/NFAT pathway in the heart).

Authors: M H BUCH (MANCHESTER/United Kingdom), A H Maass (Wuerzburg/Germany), A Pickard (MANCHESTER/United Kingdom), **A Rodríguez** (Madrid/Spain), S Langer (Boulder/United States of America), J M Redondo (Madrid/Spain), A L Armesilla (MANCHESTER/United Kingdom), L Neyses (MANCHESTER/United Kingdom)

Congress: European Society of Cardiology Congress 2005

Location:Stockholm 3rd-7th September 2005.

-Official Entitlement to design and perform experiments in animals (categories A, B and C)

-ANEP reviewer of research proposals (2006 and 2008).