

CURRICULUM VITAE

MAY 2011

ALMUDENA RAMÓN CUETO

Last name: **Ramón Cueto**First: **Almudena**

Date of Birth : 28/06/1963

Gender: F

PRESENT POSITION

Institution: Spanish National Research Council (CSIC)

Institute: Institute of Biomedicine, Valencia

Head of the Laboratory of Neural Regeneration

Address: Jaime Roig 11, 46010 Valencia

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Medical degree	University	Date
Medicine and Surgery	University of Valladolid, Spain	June 1987

Ph Degree	University	Date
Medicine and Surgery	Cajal Institute (CSIC)/Autonomous University of Madrid	December 1993

ACADEMIC BACKGROUND

Postition	Institution	Dates
Junior Specialist	University of California, Irvine, USA	Sept 87-sept 89
Predoctoral Postion	Cajal Institute, Spanish National Research Council (CSIC), Madrid, Spain	Jan 90- Dec 93
Postdoctoral Researcher	Research Department, Ramón y Cajal Hospital, Madrid	Jan 94-April 95
Postdoctoral Researcher	Centre of Molecular Biology "Severo Ochoa", CSIC, Madrid	May 95-Dec 99
Associate Professor	School of Medicine, Autonomous University of Madrid	March-May 95
Visiting Faculty	The Miami Project to Cure paralysis, School of Medicine, Miami, Florida, USA	Aug-Nov, 96 and 97
Head of the Laboratory of Neural Regeneration	Institute of Biomedicine, Valencia, Spanish National Research Council (CSIC)	Since January 2000

RESEARCH GRANTS IN THE LAST SEVEN YEARS

Principal Investigator in Grants from Public Institutions

Project Title: Expression in olfactory ensheathing glia of molecules involved in axonal growth and guidance.
Funding Institution: Fundación La Caixa
Duration: since: Septiembre 2000 till: Septiembre 2003

Principal Investigator: **Almudena Ramón Cueto**

Project Title: Functional recovery and regeneration of sensory fibers in injured spinal cords after olfactory ensheathing glia transplantation.
Funding Institution: Government of the Autonomous Community of Valencia (GV00-018-12)
Duración, since: January 2001 till: January 2003

Principal Investigator: **Almudena Ramón Cueto**

Project Title: Olfactory ensheathing glia transplants to repair chronic spinal cord injuries
Funding Institution: Spanish Ministry of Health (01/1134)
Duration: since: January 2001 till: January 2004

Principal Investigator: **Almudena Ramón Cueto**

Project Title: Immortalization of olfactory ensheathing glia by telomerase expression
Funding Institution: Government of the Autonomous Community of Valencia (GV01-219)
Duration: since: January 2002 till: January 2004

Principal Investigator: **Almudena Ramón Cueto**

Project Title: Olfactory ensheathing glia transplants to repair acute spinal cord injuries in rodents. Molecular and cellular mechanisms involved.
Funding Institution: Spanish Ministry of Science and Technology (SAF2001-2242)
Duration: since: January 2002 till: January 2005

Principal Investigator: **Almudena Ramón Cueto**

Project Title: Cellular and molecular mechanisms involved in the regeneration of injured spinal cord axons by transplants of native and genetically-modified olfactory ensheathing glia.
Funding Institution: Spanish Ministry of Science and Technology (SAF2004-04773)
Duration: since: 13 December 2004 till: 13 December 2005

Principal Investigator: **Almudena Ramón Cueto**

Project title: Combined OEG transplantation and sep training promote regeneration in adult Spinal Cord Injury.
Funding Institution: **National Institutes of Health USA (NIH)**, Reference: R01NS054159-01, Subaward 0845 G
Duration, since: 1 April 2006 till: 31 March 2010

Principal Investigator of Subaward 0845 G GD202: **Almudena Ramón Cueto (IBV-CSIC)**

Active Grant from Public Institution

Project title: Genes involved in spinal damage and in its repair by olfactory ensheathing glia transplants.
Funding Institution: Spanish Ministry of Science and Innovation (BFU2010-20328)
Duration: **one year**, since: January 2011 till: December 2011

Principal Investigator: **Almudena Ramón Cueto**

Principal Investigator in Grants obtained through agreements with public and through private institutions

Project title: Regeneration of injured spinal cord
Funding institution: Ramón Areces Foundation and Foundation for the Regeneration of the Nervous System (IRSN).
Duration: since: January 2002 till: January 2005

Principal investigator: **Almudena Ramón Cueto**

Project title: Autologous transplantation of olfactory ensheathing glia to repair acute spinal cord injuries in primates.
Funding institution: Health Department of the Autonomous Community of Castilla and León
Duration: Since: September 2001 till: December 2006

Principal investigator: **Almudena Ramón Cueto**

Project title: Use of olfactory ensheathing glia transplants to repair spinal cord injuries in primates.
Funding institution: Spanish Ministry of Health, Regenerative Medicine Programme.
Duration: Since: January 2005 till: July 2006

Principal investigator of Neural Regeneration Project: **Almudena Ramón Cueto**

Active Grants with non-profit private Institutions

Project title: Cell transplantation to repair spinal cord injuries in mammals
Funding institution: Foundation for the Regeneration of the Nervous System (IRSN)
Duration: Since: January 2002 till: **December 2011**

Principal investigator: **Almudena Ramón Cueto**

Ramón-Cueto A.

Glía envolvente: caracterización y papel como promotora de la regeneración en el sistema nervioso central

BOOK (Thesis)

ISBN: 84-7477-475-6

Year: **1994**

Publisher Universidad Autónoma de Madrid, Spain

Ramón-Cueto A. and Valverde F.

Olfactory bulb ensheathing glia: a unique cell type with axonal growth promoting properties

Journal: *Glia*

Impact Factor: **4,809** (First quartile: 18/136; Neuroscience)

Key: R

Vol: 14

Pages 163

173

Year: **1995**

Ramón-Cueto A. and Avila J.

Differential expression of microtubule-associated protein MAP1B phosphorylated isoforms in the adult rat nervous system

Journal: *Neuroscience*:

Impact Factor: **3,594** (First quartile: 30/150; Neuroscience)

Key: A

Vol: 77

Pages 485

501

Year: **1997**

Ramón-Cueto A. and Avila J.

Olfactory ensheathing glia: properties and function

Journal: *Brain Research Bulletin*.

Impact Factor: **1,650** (Second quartile: 101/202; Neuroscience)

Key: R

Vol: 46

Pages: 175

187

Year: **1998**

Ramón-Cueto A., Plant G. W., Avila J. and Bunge M. B.

Long distance axonal regeneration in the transected adult rat spinal cord is promoted by olfactory ensheathing glia transplants

Journal: *Journal of Neuroscience*

Impact Factor: **8,403** (First quartile: 7/202; Neuroscience)

Key: A

Vol: 18

Pages 3803

: 3815

Year: **1998**

Heredia M., Gascuel J., **Ramón-Cueto A.**, Santacana M., Avila J., Masson C. and Valverde F.
Two novel monoclonal antibodies (1.9.E. and 4.11.C) against olfactory bulb ensheathing glia

Journal: *Glia*

Impact Factor: 3,670 (First quartile: 31/202; Neuroscience)

Key: A Vol: 24 Pages: 3803 352 Year: **1998**

Ramón-Cueto A. and Avila J.

Two modes of microtubule-associated protein 1B phosphorylation are differentially regulated during peripheral nerve regeneration

Journal: *Brain Research*.

Impact Factor: 2,302 (Second quartile: 70/200; Neuroscience)

Key: A Vol: 815 Pages: 213 226 Year: **1999**

Ramón-Cueto A.

Regeneración en la médula espinal. La glía envolvente como instrumento favorecedor

Scientific American (Spanish version)

Key: A Vol: 274 Pages: 20 22 Year: **1999**

Ramón-Cueto A., Cordero M. I., Santos –Benito F. F. and Avila J.

Functional recovery of paraplegic rats and motor axon regeneration in their spinal cords by olfactory ensheathing glia

Journal: *Neuron*

Impact Factor: 15,081 (First quartile: 3/200; Neuroscience)

Key: A Vol: 25 Pages: 425 : 435 Year: **2000**

Plant G. W., **Ramón-Cueto A.** and Bunge M. B.

Transplantation of Schwann cells and ensheathing glia to improve regeneration in adult spinal cord.
(N. Ingoglia and M. Murray, eds).

Book: Axonal regeneration in the central nervous system.

Chapter Pages: 529 : 562 Year: **2000**
 Publisher: Marcel Dekker, Inc,
 Place: New York, USA

Ramón-Cueto A.

Olfactory ensheathing glia transplantation into the injured spinal cord

Journal: *Progress in Brain Research*

Impact Factor: 2,520 (Second quartile: 70/200; Neuroscience)

Key: A Vol: 128 Pages: 265 272 Year: 2000

Ramón-Cueto A.

Repair of injured spinal cords by olfactory ensheathing glia transplants

Neuroscience News

Key: A Vol: 3 Pages: 44 49 Year: 2000

Ramón-Cueto A. and Santos-Benito, F.F

Cell therapy to repair injured spinal cords: olfactory ensheathing glia transplantation.

Journal: *Restorative Neurology and Neuroscience*

Impact Factor: **0,678** (Fourth quartile: 158/197; Neurociencias)

Key: R Vol: 19 Pages 149 156 Year: 2001

Ramón-Cueto A.

Trasplantes celulares para reparar el sistema nervioso central lesionado: glía envolvente olfatoria

Spanish Society for Neuroscience Bulletin

Key: R Vol: 10 pages: 4 7 Year: 2001

Ramón-Cueto A. and Santos-Benito, F.F

Olfactory enshetahing glia transplantation: a therapy to promote repair in the mammalian central nervous system

Journal: *Anatomical Record*

Índice de impacto: **2,019** (First quartile: 4/17; Anatomy)

Key: R Vol: 271B Pages 77 85 Year: 2003

Ramón-Cueto A.

Regeneración axónica en el sistema nervioso lesionado

Revista de Humanidades Médicas

Key: R Vol: 2 (2) Pages: 239 249 Year: 2003

Santos_Benito F.F., Muñoz-Quiles C. ans **Ramón-Cueto A.**

Long-term care of paraplegic laboratory mammals.

Journal: *Journal of Neurotrauma*

Impact Factor: **3,456** (Second quartile: 61/199; Neuroscience)

Key: A Vol: 23 Pages 521 536 Year: 2006

Courtine G, Bunge M, Fawcett J, Grossman H, Kass J, Lemon R, Maler I, Marrtin J, Nudo R, **Ramón-Cueto A.** Rouiller E, Schnell L, Schwab M, Wannier T, Edgerton R.
Can Non-human Primate Experiments Expedite Translation of Potential Regenerative Interventions Following Spinal Cord Injury to Humans?

Journal: *Nature Medicine*

Impact Factor: **26,382** (First quartile: 1/81; Medicine)

Key: A Vol: 13 Pages 561 : 566 Year: **2007**

Kubasak MD, Jindrich DL, Zhong H, Takeoka A, McFarland KC, Munoz-Quiles C, Roy RR, Edgerton VR, **Ramón-Cueto A.** and Phelps PE.
Long term step training enhances improvements in hindlimb plantar stepping and step kinematics promoted by OEG transplantation in adult paraplegic rats

Journal: *Brain*

Impact Factor: **9,603** (First quartile: 10/221; Neuroscience)

Key: A Vol: 131 Pages 264 276 Year: **2008**

Rubio P., Muñoz-Quiles C. and **Ramón-Cueto A.**
Adult olfactory bulbs provide reliable ensheathing glia for cell therapy in primates

Journal: *Glia*

Impact Factor: **5,599** (First quartile: 26/221; Neuroscience)

Key: A Vol: 56 Pages: 539 551 Year: **2008**

García Navia J.T, Burguillos MA, **Ramón-Cueto A.**, Machado A, Cano J y Venero JL
Regional specific regulation of BDNF and trkB correlates with nigral dopaminergic cells sprouting and suggest role in wound healing following unilateral nigrostriatal axotomy.

Journal: *Journal of Neuroscience Research*

Impact Factor: **3,086** (Second quartile: 85/221; Neuroscience)

Key: A Vol: 86 Pages 2016 2027 Year: **2008**

Negredo P., Rivero JL, González B, **Ramón-Cueto A.** and Manso R.
Slow- and fast-twitch rat hind limb skeletal muscle phenotypes 8 months after spinal cord transection and olfactory ensheathing glia transplantation

Journal: *Journal of Physiology*

Impact Factor: **4,649** (First quartile: 7/74; Physiology)

Key: A Vol: 586(10) Pages: 2593 2561 Year: **2008**

Franssen EHP, Bree FM, Essing AHW, **Ramón-Cueto A** and Verhaagen J.
Comparative gene expression profiling of olfactory ensheathing glia and Schwann cells indicate distinct tissue repair characteristics of olfactory ensheathing glia.

Journal: *Glia*

Impact Factor: 5,599 (First quartile: 26/221; Neuroscience)

Key: A Vol: 56 (12) Pages: 1285 1298 Year: **2008**

Muñoz-Quiles C., Santos-Benito F.F., Llamusi M,B, and **Ramón-Cueto A.**
Chronic spinal injury repair by olfactory bulb ensheathing glia and feasibility for autologous therapy

Journal: *Journal of Neuropathology and Experimental Neurology*

Impact Factor: 4,564 (First quartile: 8/71; Pathology)
(First quartile: 46/231; Neuroscience)

Key: A Vol: 68(12) Pages: 1294 1308 Year: **2009**

Phelps PE, **Ramón-Cueto A**, Roy RR, Edgerton VR
Step training with severely damaged spinal cord.

Journal: *Brain*

Impact Factor: 9,490 ((First quartile: 10/231; Neuroscience)

Key: Letter Vol: 132 (7) Pages: 118 Year: **2009**

Llamusi, MB., Rubio MP and **Ramón-Cueto A.**
Telomerase expression reverts senescence of adult rodent olfactory ensheathing glia

Journal: *Experimental Neurology*

Impact factor: Not applied yet (Usually first quartile).

Key:A Electronic doi:10.1016/j.expneurol.2010.08.013 Year: **2010**
Printed Vol: 229 (1) Pages: 54 64 Year: **2011**

Ramón-Cueto A and Muñoz-Quiles C
Clinical application of autologous olfactory bulb ensheathing glia for nervous system repair

Journal: *Experimental Neurology*

Impact factor: Not applied yet (Usually first quartile).

Key: A Electronic doi: 10.1016/j.expneurol.2010.10.001 Year: **2010**
Printed Vol: 229 (1) Pages: 181 194 Year: **2011**

Raisman G, Barnett S and **Ramón-Cueto A**
 Repair of CNS lesions by transplantation of olfactory ensheathing cells.

Book: **Handbook of Clinical Neurology**

Key: Chapter

In press

Year: **2011**

Ramón-Cueto A,
 Olfactory ensheathing glia for nervous system repair

Journal: *Experimental Neurology*

Impact factor: **Not applied yet** (Usually first quartile)

Key: Editorial

Vol: 229 (1)

Pages:1

Year: **2011**

Takeoka A, Jindrich D, Muñoz-Quiles C, Zhong H, van den Brand R, Pham D, Ziegler M, **Ramón-Cueto A,**
 Roy R, Edgerton VR, and Phelps P
 Axon regeneration can facilitate or suppress hindlimb function after OEG transplantation

Journal: *Journal of Neuroscience*

Impact factor: **Not applied yet** (Usually first quartile)

Clave: A

Vol: 31(11)

Pages: 4298-4310

Year: **2011**

Ziegler MD, Hsu D, Takeoka A, Zhong H, **Ramón-Cueto A,** Phelps PE, Roy RR and Edgerton VR
 Evidence of Olfactory Bulb Ensheathing Glia Facilitating Functional Axonal Regeneration After A Complete
 Spinal Cord Transection

Journal: *Experimental Neurology*

Impact factor: **Not applied yet** (Usually first quartile)

Key: A

Vol: 229 (1)

Pages: 109

119

Year: **2011**

Ramón-Cueto A
 Understanding olfactory ensheathing glia and their prospect for nervous system repair

Journal: *Experimental Neurology*

Impact factor: **Not applied yet** (Usually first quartile)

Key: **Editor, Special Issue**

Vol: 229 (1)

Year: **2011**

Agreement with Institutions for the development of Research Projects

Project title: Autologous transplantation of olfactory ensheathing glia to repair acute spinal cord injuries in primates

Type of funding: contract.

Supported by: Health Department of the Autonomous Community of Castilla and León

From: 21-9-2001 to: 31-12-2006

Principal Investigator: Almudena Ramón Cueto

PATENT

Rubio M.P., Blasco M.A., **Ramón-Cueto, A.**

Olfactory Ensheathing Glia Genetically Modified to Express Telomerase.

Number: P200100909

Date: 19 de abril 2001

CSIC

Countries: Spain, European Union, Switzerland, United States

POSITIONS AT FOREIGN RESEARCH INSTITUTIONS

KEY: G = Guest, C = contract,

Department of Psychobiology, School of Biological Sciences, University of California at Irvine (UCI)

City: Irvine, California

Country United States

Date: Sept 1987 a Sept 1989

Key: C, Graduate fellow

The Miami Project to Cure Paralysis, School of Medicine, University of Miami, USA.

City: Miami, Florida

Country: United States

Dates: Aug-Dec1996 and

Aug-Nov 1997

Key: C, Visiting Faculty

CONGRESSES

Invited conferences in international meetings during the LAST FIVE YEARS

Euroconference	
Barcelona, Spain	April 2005
3rd Mickeln Symposium on Neurodegeneration and CNS Repair	
Dusseldorf, Alemania	May 2005
International Neurobionics Symposium, Organizer: International Neuroscience Institute (INI)	
Hannover, Germany	July 2005
Primate Workshop, organizado por la Fundación Christopher Reeve	
Dallas, USA	September 2005
16 th meeting of the Network of the European Cell Transplantation and Repair (NECTAR)	
Amsterdam, The Netherlands	December 2005
International Stem Cell Congress, International Society of Bioethics	
Gijón, Spain	June 2006
First Latinoamerican conference on Regenerative Medicine	
Buenos Aires, Argentina	October 2006
Workshop in Spinal Cord Injury and Repair	
London, UK	December 2006
4th Mickeln Symposium on Neurodegeneration and CNS Repair	
Dusseldorf, Germany	May 2007
VIII European Meeting on Glial Cell Function in Health and Disease	
London, UK	September 2007
First International Association of Neural Restoration Annual Conference (IANAC)	
Beijing, China	May 2008
XXX World Congress of Sports Medicine	
Barcelona, Spain	November 2008
Second International Association of Neural Restoration Annual Conference (IANRAC)	
Beijing, China	April 2009

Wings for Life Foundation meeting motorsports medicine

Barcelona, Spain

July 2010

Fourth International Association of Neurorestoratology Annual Conference (IANR)

Amman, Jordania

April 2011

Chairwoman

Workshop of the Research Experience of Stem Cells in Europe (Rescue) Society
 What is new in Europe in the field of Regenerative Medicine?
 Section on Promising Projects towards clinical trials.

Basilea, Switzerland

February 2007

1st International Association of Neural Restoration Annual Conference (IANRAC)
 Section on the use of Olfactory Ensheathing Glia on Spinal Cord Injury Repair

Beijing, China

Fecha: May 2008

Second International Association of Neurorestoratology Annual Conference (IANR)
 Section on Cell Therapy

Beijing, China

Fecha: Abril 2009

Fourth International Association of Neurorestoratology Annual Conference (IANR)

Amman, Jordania

April 2011

Plenary conferences in Spanish meetings during the last five years

Myelodisplasia simposium, Spanish Association of Bifidus Spine

Málaga, Spain

October 2005

Symposium of the Spanish Association of Bifidus Spine

Alicante

November 2006

Society of Clinical Neurophysiology of the Valencian and Murcian Autonomous Communities

Valencia

NOvember 2006

Inaugural Plenary Lecture for the National Federation of Bifidus Spine.

Málaga October 2007

Congress of the National Federation of Sports Medicine

Córdoba October 2007

Invited conferences in Spanish meetings during the last five years

From Organ Transplantation to Cell Therapy. Nacional Organization of Transplantation

Madrid February 2005

III Symposium on new Challenges in Health Technology.

Valencia March 2006

Winter Courses of the University of Valladolid
Valladolid

March 2006

9º Congress of the Catalonian Society for Transplantation

Barcelona February 2007

1st scientific symposium of the Brain Damage Unit, Hospital Nisa Aguas Vivas, Alzira

Alzira. Valencia March 2007

Organization of international Congresses and Symposia

Symposia on the impact of stem cell research in neuronal transplantation.

Valencia

Date: March 2001

1st Congress of the International Association of Neurorestoratology

Member of the Organizing Committee

Pekin, China

Date: May 2008

2nd Congress of the International Association of Neurorestoratology

Member of the Organizing Committee

Pekin, China

Date: April 2009

4th Congress of the International Association of Neurorestoratology and the American Association for Neural Therapy and Repair

Member of the Organizing Committee

Vice-Chairman

Lugar: Amman, Jordan

Date: April 2011

ORGANIZER FOR INTERNATIONAL CONGRESS CONGRESO INTERNACIONAL:

Dr. Ramón-Cueto will be the responsible of the organization of the 7th Congress of the International Association of Neurorestoratology in Spain in 2014.

Abstracts to international congresses during the last five years

35th Annual meeting of the American Society for Neuroscience (1 abstract)

Washington. November 2005

Eleventh International Symposium on Neural Regeneration (2 abstracts)

Asilomar, California, USA December 2005

37th Annual meeting of the American Society for Neuroscience (1 abstract)

San Diego. November 2007

38th Annual meeting of the American Society for Neuroscience (2 abstracts)

Washington. November 2008

39th Annual meeting of the American Society for Neuroscience (2 abstracts)

Chicago. October 2009

Sixth Cajal Winter Conference (1 comunicación)

Benasque, Huesca, Spain. March 2010

Third International Association of Neurorestoratology Annual Conference (IANR) (1 comunicación)

Beijing, China April 2010

40th Annual meeting of the American Society for Neuroscience (1 comunicación)

San Diego, California. November 2010

Abstracts in Spanish congresses during the last five years

XI Spanish Society for Neuroscience (2 abstracts)

Málaga September 2005

XII Spanish Society for Neuroscience (3 abstracts)

Valencia September 2007

XIII Spanish Society for Neuroscience (2 abstracts)

Valencia

September 2009

Conferences for the public during the last five years

- 1 March 2005: Society of Paraplegic and Disabled People (ASPAYM), Valencia
- 2 September 2005: Women in Science, Science Museum, Valladolid
- 3 February de 2007: Science Museum, Valladolid
- 4 March de 2007: Society of Paraplegic and Disabled People (ASPAYM), Valencia
- 5 November de 2007: Society of Paraplegic and Disabled People (ASPAYM), Madrid
- 6 December 2007: Vasque Society of Bifidus Spine, San Sebastián.
- 7 November 2009: Symposium for Disabled People, Valencia.

Conferences for Official bodies

1. October 2008: **Conference at the European Parliament, Brussels (on the use of primate animal models for spinal cord injury research)**
2. March 2011. **Royal National Academy of Doctors**

DIRECTOR OF DOCTORAL THESIS AND MASTER DEGREES

Thesis

Title: **Olfactory ensheathing glia transplants to repair chronic spinal cord injuries: from rodents to primates**
PhD: Cintia Muñoz Quiles
University: University of Valencia, School of Biological Sciences
Date: May 3rd, 2007

Título: **Quantitative analysis of the efficacy of olfactory ensheathing glia to repair spinal cord injuries and genetic modification to avoid senescence.**
PhD: Beatriz Llamusi Troisi
Universidad: Miguel Hernández University, School of Biological Sciences, Alicante.
Date: December 5th 2007

Advanced Studies Diploma (DEA/Master Degree)

Title: **Characterization and optimization of olfactory ensheathing glia for therapeutical use.**
Candidate: Jesús Jaramillo Merchán
University: University of Valencia, School of Biological Sciences
Date: July 2007

Title: Phenotypic properties of the muscles of paraplegic rats transplanted with olfactory ensheathing glia at the chronic stage of spinal cord injury.

Candidate: Irene Nebot Ruiz

University: University of Valencia, School of Biological Sciences

Date: December 2009

Title: Comparative análisis of the European and Spanish Regulation related to the clinical application of Cell-based Therapies.

Candidate: Maria José Alamar Casares

University: University of Valencia, School of Law

Date: September 2010.

Title: Efectos de la infección con LV-*GFP* sobre la viabilidad celular y la proliferación de la glía envolvente olfatoria y los astrocitos

Candidate: Cristina Zahonero Casans

University: University of Valencia, School of Biological Sciences

Date: December 2010.

AWARDS

- 1) Alberto Rábano to the best Doctoral Thesis about Neurology, Neurosurgery and Clinical Psychiatry in a Spanish University during 1993.
- 2) **Gold Medal of the Autonomous Community of Madrid, May de 2000.**
- 3) Award "Importante" of Newspaper "Levante", February 2000.
- 4) Award AMAVI 2000 to the best scientific work by a woman during 1998-2000, Julio de 2000.
- 5) Award "Gold Chair 2000" from the Association of Paraplegic and Disabled of Cuenca, December 2000.
- 6) Award "**El Norte de Castilla 2000**", for the scientific work, December de 2000"
- 7) Award "**Gold CAMF 2000**" from the **Andalusian Conferderation of Disabled People**, December 2000.
- 8) Award "Bifidus Spine 2000".
- 9) "Piñón de Oro 2000" for the research work, by the House of Valladolid, December 2000.
- 10) Award "The Best Ideas 2004", Spanish Medica Journal, November 2004.
- 11) Award of the **Association of Disabled People of Aragón**, December 2005.

NOMINATIONS

Excellency, by resolution of the Council of the Government of the Autonomous Community of Madrid (Official Bulletin of the Community of Madrid, April 4th 2000).

Chair of Education, International Association of Neurorestoratology (IANR), since April 2011

OTHERS

Presidency of non-profit Foundations

Since Sept 2001 till July 2008: Foundation for the Research in Nervous System Regeneration (Fundación IRSN)

Editorial Activity

- 1) Member of the Editorial Board of "Experimental Neurology", in "Regeneration and Plasticity" section, since 2001.
- 2) "Guest Editor" of the Journal "Experimental Neurology", November 2009-march 2011.
- 3) Member of the Editorial Board of ISRN Neurology, since 2011.
- 4) Member of the Editorial Board of Stem Cell Discovery, since 2011

Consultant and Referee activity

- 1) Honorary consultant of the National Hospital for Paraplegic, Toledo, since 2000..
- 2) Project Referee for the Autonomous Community of Valencia and the National Spanish Agency, since 2000.
- 3) Member of the Advisory Scientific Board, International Association of Neurorestoratology (IANR), since 2007.
- 4) Referee in the following journals: Lancet, Experimental Neurology, European Journal of Neuroscience, Journal of Neuroscience, Nature Neuroscience Reviews, Brain, Journal Neuroscience Research, Anatomical Record, Current Medicinal Chemistry, among others.
- 5) Consultant of the non-profit Foundation for the Research in Nervous System Regeneration (Fundación IRSN), since 2008

Scientific/Medical Societies

- 1) Member of the American Society for Neuroscience, since 1997.
- 2) Member of the Spanish Society for Neuroscience, since 1997
- 3) Vice-Chairman and Member of the International Association of Neurorestoratology (IANR), since 2008.
- 4) Member of the International Spinal Cord Society (ISCoS), since 2009.

Teaching Experience

Lecturer in Anatomy

- 1996 Assistant Professor, Department of Anatomy and Morphology, School of Medicine, Autonomous University of Madrid

Lecturer in Doctorate Courses:

- 1996-2000 Organizer and lecturer in the course "Degeneration and Regeneration of the nervous system: Cellular and molecular aspects" School of Sciences, Autonomous University of Madrid.
- 2001-2004 Lecturer in the course "Research techniques in Neurosciences" School of Medicine, Autonomous University of Madrid.
- 2003-2010 Lecturer in the course "Neuroregeneration", School of Biological Sciences, University of Valencia.
- Since 2005 Lecturer in the course "High outcome in sports" University Pablo Olavide, Sevilla.
- Since 2010 Lecturer in the Master with mention of quality: "Basic and Applied Neuroscience", University of Valencia.

Other studies

Degree in PIANO, Professional Conservatory of Valladolid, June 1987.