



MINISTERIO
DE CIENCIA
E INNOVACIÓN

SECRETARÍA DE ESTADO DE
UNIVERSIDADES

DIRECCIÓN GENERAL DE
PROGRAMAS Y TRANSFERENCIA
DE CONOCIMIENTO

Curriculum vitae Standardized form

Total number of pages: 13

Name: Ricardo Pardal Redondo

Date: March-28th-2012

PERSONAL DATA

Family name: Pardal Redondo

Forename: Ricardo

Nacionality: Spanish

PRESENT PROFESSIONAL POSITION

Institution: University of Seville

Faculty, School or Institute: Instituto de Biomedicina de Sevilla - IBiS

Department: Medical Physiology and Biophysics

Postal Address: Hospital U. Virgen del Rocío. Edif. IBiS, Laboratorio 103.
Avda. Manuel Siurot, s/n. 41013 Sevilla (Spain)

Telephone (indicate prefix, number and extension): +34-955923038

Fax: +34-955923101

E-mail: rpardal@us.es

Field of study (UNESCO codes): 2490

Professional status: University Associate Professor Start date: March-24th-2008

Administrative status

- Permanent Staff Hired on contracts Acting Fellowship holder
 Others specify:

Full-time

Part-time

PRESENT RESEARCH AREA

Brief summary (key words).

Therapeutical use of glomus cells for transplants in the treatment of Parkinson's disease.

Molecular and cellular physiology of adult neural stem cells. Adult neurogenesis. Neurodegenerative diseases. Carotid Body. Neuro-oncology. Neuroblastoma.

ACADEMIC BACKGROUND

Bachelor	Centre	Date
Biological Sciences	University of Seville	1990-1995

Ph.D.	Centre	Thesis Supervisor	Date
Biological Sciences	Dpt. of Medical Physiology and Biophysics. University of Seville	Dr. José López Barneo	1996-2000

PAST SCIENTIFIC EXPERIENCE (*)

<i>Position</i>	<i>R&D Centre</i>	<i>Start date</i>	<i>End date</i>
<i>Collaborator student</i>	<i>Dpt. of Genetics. Biology School. University of Seville. Spain</i>	<i>1993</i>	<i>1995</i>
<i>Predoctoral Fellow</i>	<i>Dpt. of Medical Physiology. School of Medicine. University of Seville. Spain</i>	<i>1996</i>	<i>1999</i>
<i>Postdoctoral Fellow</i>	<i>Dpt of Internal Medicine. University of Michigan. Ann Arbor, MI. USA</i>	<i>2001</i>	<i>2003</i>
<i>Research Associate</i>	<i>Howard Hughes Medical Institute</i>	<i>2003</i>	<i>2004</i>
<i>Ramón y Cajal Awardee</i>	<i>Dpt. of Medical Physiology. School of Medicine. University of Seville. Spain</i>	<i>2004</i>	<i>Feb2008</i>
<i>Associate Professor</i>	<i>Dpt. of Medical Physiology. School of Medicine. University of Seville. Spain</i>	<i>Mar 2008</i>	<i>Present day</i>

(*) The information contained in this chart will be used to verify the placement requirements, according to the Call.

LANGUAGES (N = NORMAL, G = GOOD, P = PERFECTLY)

<i>Language</i>	<i>Speaking</i>	<i>Reading</i>	<i>Writing</i>
<i>English</i>	<i>P</i>	<i>P</i>	<i>P</i>

PARTICIPATION IN RESEARCH PROJECTS

PROJECT TITLE: Terapia celular en la enfermedad de Parkinson.

FINANCIAL ENTITY: Conserjería de Innovación, Ciencia y Empresa. Junta de Andalucía.
Programa de Proyectos de Excelencia

LENGHT FROM: 01/01/2009 *TO:* 31/12/2013

PRINCIPAL INVESTIGATOR: Juan José Toledo Aral

PROJECT TITLE: Obtención de células glómicas a partir de células madre en cultivo para terapia celular frente a la enfermedad de Parkinson.

FINANCIAL ENTITY: Conserjería de Salud. Junta de Andalucía.

LENGHT FROM: 01/01/2009 *TO:* 31/12/2011

PRINCIPAL INVESTIGATOR: **Ricardo Pardal Redondo**

PROJECT TITLE: Regulation of adult carotid body stem cell biology (CBSCs).

FINANCIAL ENTITY: OTRI / Universidad de Sevilla. Actividades complementarias.

LENGHT FROM: 01/01/2009 *TO:* 01/07/2009

PRINCIPAL INVESTIGATOR: **Ricardo Pardal Redondo**

PROJECT TITLE: Regulación de la fisiología de las células madre adultas específicas del cuerpo carotídeo (SAF2009-11440).

FINANCIAL ENTITY: Ministerio de Ciencia e Innovación (MICINN).

LENGHT FROM: 01/01/2010 *TO:* 31/12/2012

PRINCIPAL INVESTIGATOR: **Ricardo Pardal Redondo**

PROJECT TITLE: Expansión del Cuerpo Carotídeo Humano y Caracterización Fenotípica para Su Uso en Terapia Celular de Enfermedades Neurodegenerativas (PI-0094/2009).

FINANCIAL ENTITY: Consejería de Salud de la Junta de Andalucía.

LENGHT FROM: 01/01/2010 *TO:* 31/12/2012

PRINCIPAL INVESTIGATOR: Gracia Patricia Ortega Sáenz

PROJECT TITLE: Physiology of the adult carotid body stem cell niche (CBSCs).

FINANCIAL ENTITY: European Research Council (Unión Europea).

LENGHT FROM: 2010 *TO:* 2015

PRINCIPAL INVESTIGATOR: **Ricardo Pardal Redondo**

PUBLICATIONS

Indicate volume, first and last page (year) and Key.

Key: B= full book, CB.= chapter of book, A= article, R= review, E= editor

(*) Those publications in process and not yet published, just specify publication status. (**) Optionally specify the most important aspects of each publication to assess quality (e.g. journal impact factor (IF), journal position on lists of the corresponding fields, cites received or other repercussion indicators)

AUTHORS (in order of authorship): López-Barneo J., **Pardal R.**, Smani T., Montoro R. J., García-Hirschfeld J., and Ureña J.

TITLE: K⁺ and Ca²⁺ channel activity and cytosolic [Ca²⁺] in oxygen-sensing tissues.

JOURNAL/BOOK REF: **Respiration Physiology**. Vol. 115 (1999); pp 215-227. *KEY:* R.

*MOST OUTSTANDING ASPECTS (**):* *CITES:* 38

AUTHORS (in order of authorship): **Pardal R.**, Ludewig U., García-Hirschfeld J., and López-Barneo J.

TITLE: Secretory responses to hypoxia and tetraethylammonium of intact glomus cells in thin slices of rat carotid body.

JOURNAL/BOOK REF: **Proc. Natl. Acad. Sci. USA**. Vol. 97 (2000); pp 2361-2366. *KEY:* A.

*MOST OUTSTANDING ASPECTS (**):* *IF 2000:* 10,789; *CITES:* 82

AUTHORS (in order of authorship): Toledo-Aral J. J., Méndez-Ferrer S., **Pardal R.**, and López-Barneo J.

TITLE: Trasplantes de agregados celulares del cuerpo carotídeo en modelos animales de enfermedad de Parkinson.

JOURNAL/BOOK REF: **Neurología**. Vol. 15, Nº 5 (2000); pp 80-85. *KEY:* A

AUTHORS (in order of authorship): Ortega-Sáenz P., **Pardal R.**, Castellano A., and López-Barneo J.

TITLE: Collapse of conductance is prevented by a glutamate residue conserved in voltage-dependent K⁺ channels.

JOURNAL/BOOK REF: **The Journal of General Physiology**. Vol. 116 (2000); pp 181-190.

KEY: A. *MOST OUTSTANDING ASPECTS (**):* *IF 2000:* 6,082; *CITES:* 27

AUTHORS (in order of authorship): López-Barneo J., **Pardal R.**, and Ortega-Sáenz P.

TITLE: Cellular mechanisms of oxygen sensing.

JOURNAL/BOOK REF: **Annual Review of Physiology**. Vol. 63 (2001); pp 259-287. *KEY:* R.

*MOST OUTSTANDING ASPECTS (**):* *IF 2001:* 12,753; *CITES:* 304

AUTHORS (in order of authorship): **Pardal R.**, and López-Barneo J.

TITLE: Low glucose-sensing cells in the carotid body.

JOURNAL/BOOK REF: **Nature neuroscience**. Vol. 5, Nº 3 (2002); pp 197-198. *KEY:* A.

*MOST OUTSTANDING ASPECTS (**):* *IF 2002:* 15,67; *CITES:* 85

AUTHORS: Toledo-Aral J.J., Méndez-Ferrer S., **Pardal R.**, and López-Barneo J.

TITLE: Dopaminergic cells of the carotid body: Physiological significance and possible therapeutic applications in Parkinson's disease.

JOURNAL/BOOK REF: **Brain Research Bulletin**. Vol. 57, N° 6 (2002); pp 847-853. *KEY:* R.
*MOST OUTSTANDING ASPECTS (**): IF 2002:* 1,783; *CITES:* 14

AUTHORS (in order of authorship): **Pardal R.**, and López-Barneo J.

TITLE: Carotid body thin slices: responses of glomus cells to hypoxia and K⁺-channel blockers.
JOURNAL/BOOK REF: **Respiratory Physiology & Neurobiology**. Vol. 132, N° 1 (2002); pp 69-79. *KEY:* R. *MOST OUTSTANDING ASPECTS (**): IF 2002:* 2,197; *CITES:* 17

AUTHORS (in order of authorship): Toledo-Aral J.J., Méndez-Ferrer S., **Pardal R.**, Echevarría M., and López-Barneo J.

TITLE: Trophic restoration of the nigrostriatal dopaminergic pathway in long-term carotid body-grafted parkinsonian rats.

JOURNAL/BOOK REF: **Journal of Neuroscience**. Vol. 23, N° 1 (2003); pp 141-148. *KEY:* A.
*MOST OUTSTANDING ASPECTS (**): IF 2003:* 8,306; *CITES:* 48

AUTHORS (in order of authorship): Ortega-Sáenz P., **Pardal R.**, García-Fernández M., and López-Barneo J.

TITLE: Rotenone selectively occludes sensitivity to hypoxia in rat carotid body glomus cells.

REF. REVISTA: **Journal of Physiology**. Vol. 548, N° 3 (2003); pp 789-800. *KEY:* A.
*MOST OUTSTANDING ASPECTS (**): IF 2003:* 4,352; *CITES:* 39

AUTHORS (in order of authorship): **Pardal R.**, and López-Barneo J.

TITLE: Carotid body thin slices: New answers for old questions.

JOURNAL/BOOK REF: En: **Oxygen Sensing. Responses and Adaptation to Hypoxia**. S. Lahiri, Semenza G. L., and Prabhakar N. R., Eds. Marcel Dekker, Inc. New York, (2003).
KEY: CB.

AUTHORS (in order of authorship): López-Barneo J., Ortega-Sáenz P., García-Fernández M., and **Pardal R.**

TITLE: Oxygen sensing, oxygen sensitive ion channels and mitochondrial function in arterial chemoreceptors.

JOURNAL/BOOK REF: En: **Hypoxic pulmonary vasoconstriction: cellular and molecular mechanisms**. J. X. Yuan, Ed. Kluwer Academic Press. New York, (2003). *KEY:* CB.

AUTHORS (in order of authorship): Arjona, V., Mínguez-Castellanos A., Montoro R. J., Ortega A., Escamilla F., Toledo-Aral J. J., **Pardal R.**, Méndez-Ferrer S., Martín J. M., Pérez M., Katati M. J., Valencia E., García T., and López-Barneo J.

TITLE: Autotransplantation of human carotid body cell aggregates for treatment of Parkinson's disease.

JOURNAL/BOOK REF: **Neurosurgery**. Vol. 53, N° 2 (2003); pp 321-330. *KEY:* A.
*MOST OUTSTANDING ASPECTS (**): IF 2003:* 2,338; *CITES:* 45

AUTHORS (in order of authorship): Iwashita T., Kruger G. M., **Pardal R.**, Kiel M., and Morrison S. J.

TITLE: Hirschprung disease is linked to defects in neural crest stem cell function.

JOURNAL/BOOK REF: **Science**. Vol. 301 (2003); pp 972-976. *KEY:* A.
*MOST OUTSTANDING ASPECTS (**): IF 2003:* 29,162; *CITES:* 102

AUTHORS (in order of authorship): Molofsky* A. V., **Pardal* R.**, Iwashita T., Park I-K., Clarke M. F., and Morrison S. J. *These authors contributed equally to this work.

TITLE: *Bmi-1* dependence distinguishes stem cell self-renewal from restricted progenitor proliferation.

JOURNAL/BOOK REF: **Nature**. Vol. 425 (2003); pp 962-967. *KEY:* A.

*MOST OUTSTANDING ASPECTS (**):* *IF 2003:* 30,979; *CITES:* 574

AUTHORS (in order of authorship): Alvarez-Dolado M., **Pardal R.**, Garcia-Verdugo J. M., Fike J. R., Lee H. O., Pfeffer K., Lois C., Morrison S. J and Alvarez-Buylla A.

TITLE: Fusion of bone marrow-derived cells with Purkinje neurons, cardiomyocytes and hepatocytes in vivo.

JOURNAL/BOOK REF: **Nature**. Vol. 425 (2003); pp 968-973. *KEY:* A.

*MOST OUTSTANDING ASPECTS (**):* *IF 2003:* 30,979; *CITES:* 842

AUTHORS (in order of authorship): Ortega-Sáenz P., García-Fernández M., **Pardal R.**, Álvarez E. and López-Barneo J.

TITLE: Studies on glomus cell sensitivity to hypoxia in carotid body slices.

JOURNAL/BOOK REF: **Advances in Experimental Medicine and Biology**. Vol. 536 (2003); pp 65-73. *KEY:* R; *CITES:* 2

AUTHORS (in order of authorship): García-Fernández M., Ortega-Sáenz P., **Pardal R.**, and López-Barneo J.

TITLE: Glucose sensing cells in the carotid body.

JOURNAL/BOOK REF: **Advances in Experimental Medicine and Biology**. Vol. 536 (2003); pp 47-53. *KEY:* R; *CITES:* 3

AUTHORS (in order of authorship): **Pardal R.**, Clarke M. F. and Morrison S. J.

TITLE: Applying the principles of stem-cell biology to cancer.

JOURNAL/BOOK REF: **Nature Reviews Cancer**. Vol. 3 (2003); pp 895-902. *KEY:* R.

*MOST OUTSTANDING ASPECTS (**):* *IF 2003:* 33,954; *CITES:* 614

AUTHORS (in order of authorship): **Pardal R.**, and López-Barneo J.

TITLE: Combined oxygen and glucose sensing in the carotid body.

JOURNAL/BOOK REF: **Undersea and Hyperbaric Medicine**. Vol. 31, N° 1 (2004); pp 113-121. *KEY:* R. *MOST OUTSTANDING ASPECTS (**):* *IF 2004:* 0,837; *CITES:* 1

AUTHORS (in order of authorship): Molofsky A. V., **Pardal R.**, and Morrison S. J.

TITLE: Diverse mechanisms regulate stem cell self-renewal.

JOURNAL/BOOK REF: **Current Opinion in Cell Biology**. Vol. 16, N° 6 (2004); pp 700-707.

KEY: R. *MOST OUTSTANDING ASPECTS (**):* *IF 2004:* 15,422; *CITES:* 150

AUTHORS (in order of authorship): Molofsky A. V., He S., Bydon M., Morrison S. J., and **Pardal R.**

TITLE: *Bmi-1* promotes neural stem cell self-renewal and neural development but not mouse growth and survival by repressing p16^{Ink4a} and p19^{Arf} senescence pathways.

JOURNAL/BOOK REF: **Genes and Development**. Vol. 19 (2005); pp 1432-1437. *KEY:* A.
*MOST OUTSTANDING ASPECTS (**): IF 2005:* 15,61; *CITES:* 242

AUTHORS (in order of authorship): **Pardal R.**, Molofsky A. V., He S., and Morrison S. J.
TITLE: Stem cell self-renewal and cancer cell proliferation are regulated by common networks that balance the activation of proto-oncogenes and tumor suppressors.
JOURNAL/BOOK REF: **Cold Spring Harbor Symposia on Quantitative Biology**. Vol. 70 (2005); pp 177-185. *KEY:* R. *MOST OUTSTANDING ASPECTS (**): IF 2005:* 0,856; *CITES:* 57

AUTHORS (in order of authorship): Molofsky A. V., Slutsky S. G., Joseph N. M., He S., **Pardal R.**, Krishnamurthy J., Sharpless N. E., and Morrison S. J.
TITLE: Increasing *p16^{INK4a}* expression decreases forebrain progenitors and neurogenesis during ageing.
JOURNAL/BOOK REF: **Nature**. Vol. 443 (2006); pp 448-452. *KEY:* A.
*MOST OUTSTANDING ASPECTS (**): IF 2006:* 26,681; *CITES:* 294

AUTHORS (in order of authorship): **Pardal R.**
TITLE: Understanding our own neural stem cells *in situ*: can we benefit from them?
JOURNAL/BOOK REF: **Frontiers in Bioscience**. Vol. 12 (2007); pp 3125-32. *KEY:* R.

AUTHORS (in order of authorship): **Pardal R.**, Ortega-Sáenz P., Durán R., and López-Barneo J.
TITLE: Glia-Like Stem Cells Sustain Physiologic Neurogenesis in the Adult Mammalian Carotid Body.
JOURNAL/BOOK REF: **Cell**. Vol. 131 (2007); pp 364-377. *KEY:* A.
*MOST OUTSTANDING ASPECTS (**): IF 2007:* 29,887; *CITES:* 71;
PREVIEW: Kokovay E., and Temple S. Taking Neural Crest Stem Cells to New Heights. **Cell**. Vol. 131 (2007); pp 234-236.

AUTHORS (in order of authorship): López-Barneo J., Ortega-Sáenz P., **Pardal R.**, Pascual A., Piruat JI.
TITLE: Carotid body oxygen sensing.
JOURNAL/BOOK REF: **European Respiratory Journal**. Vol. 32 (2008); pp 1386-1398.
KEY: R.
*MOST OUTSTANDING ASPECTS (**): IF 2007:* 5,545; *CITES:* 27;

AUTHORS (in order of authorship): López-Barneo J., **Pardal R.**, Ortega-Sáenz P., Durán R., Villadiego J., and Toledo-Aral J.J.
TITLE: The neurogenic niche in the carotid body and its applicability to antiparkinsonian cell therapy.
JOURNAL/BOOK REF: **Journal of Neural Transmission**. Vol. 116 (2009); pp 975-982. *KEY:* R.
*MOST OUTSTANDING ASPECTS (**): IF 2,259;* *CITES:* 3

AUTHORS (in order of authorship): López-Barneo J., Ortega-Sáenz P., **Pardal R.**, Pascual A., Piruat J.I., Durán R., and Gómez-Díaz R.
TITLE: Oxygen sensing in the carotid body.

JOURNAL/BOOK REF: **Annals of the New York Academy of Sciences**. Vol. 1177 (2009); pp: 119-131. *KEY:* R.
*MOST OUTSTANDING ASPECTS (**): CITES:* 5

AUTHORS (in order of authorship): **Pardal R.**, Ortega-Sáenz P., Durán R., Platero-Luengo A., and López-Barneo J.

TITLE: The carotid body, a neurogenic niche in the adult peripheral nervous system.

JOURNAL/BOOK REF: **Archives Italiennes de Biologie**. Vol. 148 (2010); pp: 95-105. *KEY:* R.

AUTHORS (in order of authorship): **Pardal R.** and Platero-Luengo A.

TITLE: A pathophysiological view of the neural stem cell niche.

JOURNAL/BOOK REF: In: **Stem Cell, Regenerative Medicine and Cancer**. S. R. Singh, Ed. Nova Science Publishers, Inc. New York, (2011). *KEY:* CB.

AUTHORS (in order of authorship): **Pardal R.** and López-Barneo J.

TITLE: Neural stem cells and transplantation studies in Parkinson's disease.

JOURNAL/BOOK REF: In: **Stem Cell Transplantation**. Eds. López-Larrea C., López-Vázquez A., and Suárez-Álvarez B. Landes Bioscience and Springer Science, (2012). *KEY:* CB.

Number of cumulative citations on February-29th-2012: 3686 (Source: ISI Web of Knowledge)

PATENTS AND UTILITY MODELS

INVENTORS (in order of authorship): Sean Morrison, Anna Molofsky, Ricardo Pardal
TITLE: Compositions and Methods for Repressing the Ink4a and Arf Senescence Pathways
APPLICATION FORM No: 11/709,623 *PRIORITY COUNTRY:* USA *PRIORITY DATE:* Feb-22nd-2007
HOLDER ENTITY: University of Michigan
OTHER COUNTRIES WHICH THE PATENT HAS BEEN EXTENDED TO:
COMPANIES THAT ARE LICENSING IT:

INVENTORS (in order of authorship): Ricardo Pardal, Patricia Ortega-Sáenz, Rocío Durán, Victoria Henao-Bonilla, Antonio Ordóñez, Juan José Toledo-Aral, José López Barneo
TITLE: Carotid body derived stem cells and their uses

APPLICATION FORM No: P200702167 *PRIORITY COUNTRY:* Spain *PRIORITY DATE:* Aug-2nd-2007
HOLDER ENTITY: University of Seville
OTHER COUNTRIES WHICH THE PATENT HAS BEEN EXTENDED TO:
COMPANIES THAT ARE LICENSING IT:

STAYS IN INTERNATIONALLY RECOGNIZED CENTRES

KEY: D=Ph.D student, P=postdoctoral. G= guest, S=staff, O=others (specify)

CENTRE: State University of New York at Stony Brook
PLACE: Stony Brook, NY *COUNTRY:* USA *YEAR:* 1999 *LENGHT:* 3 months
TOPIC: Regulation of gene expression by hypoxia *KEY:* G

CENTRE: University of Michigan
PLACE: Ann Arbor, MI *COUNTRY:* USA *YEAR:* 2001-2004 *LENGHT:* 38 months
TOPIC: Celullar and molecular biology of neural stem cells *KEY:* P

PRESENTATIONS IN CONGRESSES

AUTHORS: *AUTORES*
TITLE: *TÍTULO*
TYPE OF PRESENTATION: *TIPO DE PARTICIPACIÓN*
CONGRESS: *CONGRESO*
PUBLICATION: *PUBLICACIÓN*
MEETING PLACE: *LUGAR DE CELEBRACIÓN*
YEAR: *FECHA*

AUTORES: **Pardal R.**
TÍTULO DEL TRABAJO: 'Glia-like stem cells sustain physiologic neurogenesis in the adult peripheral nervous system'.
TIPO DE PARTICIPACIÓN: Ponencia invitada por el organizador Dr Joao Relvas.
CONGRESO: 11th Meeting of the Portuguese Society for Neurosciences.
ORGANISMO ORGANIZADOR: Portuguese Society for Neurosciences.
LUGAR DE CELEBRACIÓN Y FECHA: Braga (Portugal), del 4 al 6 de junio de 2009.

AUTORES: **Pardal R.**
TÍTULO DEL TRABAJO: Células madre del cuerpo carotídeo frente a la enfermedad de Parkinson.
TIPO DE PARTICIPACIÓN: Ponencia invitada.
CONGRESO: XXXII Congreso de la Sociedad Española de Bioquímica y Biología Molecular.
ORGANISMO ORGANIZADOR: Sociedad Española de Bioquímica y Biología Molecular.
LUGAR DE CELEBRACIÓN Y FECHA: Oviedo (España), del 23 al 26 de septiembre de 2009.

AUTORES: **Pardal R.**
TÍTULO DEL TRABAJO: Carotid body neurogenic niche and Parkinson.
TIPO DE PARTICIPACIÓN: Ponencia invitada.
CONGRESO: V Congreso de la Sociedad Española de Terapia Génica y Celular.
PUBLICACIÓN: Human Gene Therapy, Vol. 20, nº 9; p 1026-1027.
ORGANISMO ORGANIZADOR: Sociedad Española de Terapia Génica y Celular.
LUGAR DE CELEBRACIÓN Y FECHA: Granada (España), del 30 de septiembre al 2 de octubre de 2009.

AUTORES: **Pardal R.**, Platero-Luengo A., Díaz-Castro B., García-Flores G.P., Durán R., Piruat J.I., y López-Barneo J.
TÍTULO DEL TRABAJO: Postnatal neurogenesis in the peripheral nervous system.
TIPO DE PARTICIPACIÓN: Ponencia invitada.
CONGRESO: "Developmental origins of neurological disorders: from neurogenesis to circuit formation" Workshop.
ORGANISMO ORGANIZADOR: Universidad Internacional de Andalucía (UNIA).
LUGAR DE CELEBRACIÓN Y FECHA: Baeza (España), del 26 al 28 de octubre de 2009.

AUTORES: **Pardal R.**, Platero-Luengo A., Díaz-Castro B., García-Flores G.P., Durán R., Piruat J.I., y López-Barneo J.
TÍTULO DEL TRABAJO: Peripheral nervous system stem cells sustain adult neurogenesis.
TIPO DE PARTICIPACIÓN: Ponencia invitada.
CONGRESO: "Development, Stem cells and Evolution"; 1st SEBD-SFBD joint Meeting.
ORGANISMOS ORGANIZADORES: Société Française de Biologie du Développement (SFBD) y Sociedad Española de Biología del Desarrollo (SEBD).
LUGAR DE CELEBRACIÓN Y FECHA: Toulouse (Francia), del 7 al 10 de noviembre de 2009.

AUTORES: **Pardal R.**, Platero-Luengo A., Díaz-Castro B., García-Flores G.P., Durán R., Piruat J.I., y López-Barneo J.
TÍTULO DEL TRABAJO: 'Low oxygen-induced neurogenesis in the peripheral nervous system'.
TIPO DE PARTICIPACIÓN: Comunicación oral plenaria.
CONGRESO: ISSCR 8th Annual Meeting.
ORGANISMO ORGANIZADOR: ISSCR (International Society for Stem Cell Research).
LUGAR DE CELEBRACIÓN Y FECHA: San Francisco (EEUU), del 16 al 19 de junio de 2010.

AUTORES: Platero-Luengo A., Durán R., López-Barneo J., y **Pardal R.**
TÍTULO DEL TRABAJO: 'Vascular niche factors regulate rodent adult carotid body stem cell activity'.
TIPO DE PARTICIPACIÓN: Comunicación póster.
CONGRESO: Follow up Meeting on International Cooperation in Translational Stem Cell Research.
ORGANISMO ORGANIZADOR: Ministerio Español de Ciencia e Innovación.
LUGAR DE CELEBRACIÓN Y FECHA: Adeje (Tenerife), del 12 al 13 de septiembre de 2011.

OTHER ACHIEVEMENTS (in one DIN A4 page only)

Awards

YOUNG INVESTIGATOR AWARD:

Comroe-Forster-Lambertsen Young Scientist Award 1999.

Given by: ISAC (The International Society for Arterial Chemoreception).

BEST PhD STUDIES AWARD 2001

Given by the University of Seville

YOUNG INVESTIGATOR AWARD 2004

Given by: The Royal Academy of Sciences of Seville

‘ENI YOUNG INVESTIGATOR’ RECOGNITION

Given by: ENINET (Network of European Neuroscience Institutes)

YOUNG INVESTIGATOR OF THE YEAR 2007

Given by: CIBERNED (Spanish Ministry of Health)

Society memberships

Member of the Spanish Society for Neuroscience (SENC)

Member of the Federation of European Neuroscience Societies (FENS)

Member of the Spanish Society for Gene and Cellular Therapies (SETGyC)

Member of the ‘International Society for Stem Cell Research’ (ISSCR)

International Reviewer for:

PNAS (Impact Factor: 9,4)

Stem Cells (Impact Factor: 7,9)

Development (Impact Factor: 7,3)

Rejuvenation Research (Impact Factor: 4,1)

Brain Research (Impact Factor: 2,4)

International Journal of Developmental Biology (Impact Factor: 2,1)

Project Evaluation Work for:

- Spanish Ministry of Education and Science. Consolider-Ingenio 2010 Program.
- Agencia Nacional de Promoción Científica y Tecnológica (Argentina). Program: Proyectos de Investigación Científica y Tecnológica (PICT-2006; Área de Ciencias Biológicas).
- ‘The Wellcome Trust’ (United Kingdom). Program: ‘Career Re-Entry Fellowships 2008’.
- ‘The Scientific Peer Advisory and Review Services (SPARS) division of the American Institute of Biological Sciences (AIBS)’ (USA). Program: ‘The New York State Department of Health’s Stem Cell Research Program (NYSTEM) 2008’.
- Agencia Nacional de Evaluación y Prospectiva (ANEP; Spain). 2009-
- Member of the group ‘Faculty of 1000’ for post-publication evaluation.

INVITED LECTURES

- **Neurosecretory responses to hypoxia and tetraethylammonium (TEA) of intact glomus cells in thin slices of rat carotid body.** Workshop: “Oxygen Sensing: Molecule to Man”. The International Society for Arterial Chemoreception. Philadelphia, PA (USA), 1999.

- **Células madre derivadas de la cresta neural.** X Congress of the Spanish Society for Neuroscience. Lleida (Spain), 2003.

- **Células madre específicas de tejido en el adulto.** Spanish Network of Cell Therapy. San Feliu de Guíxols (Girona, Spain), 2004.
- **Persistence of neural stem cells into adulthood: regulation of self-renewal by BMI-1.** XXXIII Congress of the Spanish Society of Physiological Sciences. Sevilla (Spain), 2005.
- **BMI-1 promotes the self-renewal of neural stem cells throughout life.** Workshop on epidermal stem cells. Mouse Models of Human Cancer Consortium. Winter Park (CO, USA), 2005.
- **Neurobiology of neural crest-derived stem cells.** The annual meeting of the Network of European Neuroscience Institutes. Prague (Czech Republic), 2005.
- **Neural stem cells as a source of dopamine.** VIII Congress of the French Society for Neuroscience. Montpellier (France), 2007.
- **Neurogénesis fisiológica en el sistema nervioso periférico adulto.** X Congress of the Iberic Society for Flow Cytometry. Barcelona (Spain), 2007.
- **Neural crest derived carotid body stem cells could explain the development of paragangliomas.** Workshop: Stem cells and cancer (Barcelona Biomed Conferences). Barcelona (Spain), 2007.
- **Stem cells and cancer.** 4th Meeting YCIC (Young Cancer Investigators of the Canary Islands). Lanzarote (Spain), 2007.
- **Tumor stem cell biology offers new strategies for cancer treatment.** CNIO ONCOTRAIN Workshop: New Battlefields in Cancer. Attacking in Many Fronts. Madrid (Spain), 2008.
- **Stem cells with glial phenotype sustain neurogenesis during physiologic hypoxia in the adult mammalian carotid body.** The Annual Meeting of the European Neuroscience Institutes Network. Warsaw (Poland), 2008.
- **Características celulares y moleculares de las células madre derivadas de la cresta neural.** XXXI Congress of the Spanish Society for Biochemistry and Molecular Biology (SEBBM). Bilbao (Spain), 2008.
- **Glia-like Stem Cells Sustain Physiologic Neurogenesis in the Adult Mammalian Carotid Body.** II CIBERNED FORUM. Valencia (Spain), 2008.
- **Glia-like stem cells sustain physiologic neurogenesis in the adult peripheral nervous system.** 11th Meeting of the Portuguese Society for Neurosciences. Braga (Portugal), 2009.
- **Células madre del cuerpo carotídeo frente a la enfermedad de Parkinson.** XXXII Congress of the Spanish Society for Biochemistry and Molecular Biology. Oviedo (Spain), 2009.
- **Carotid body neurogenic niche and Parkinson.** V Congress of the Spanish Society for Gene and Cellular Therapies. Granada (Spain), 2009.