



Profolio of Researchers and Research Teams

ENDOCRINOLOGY AND ONCOLOGY

(Last update 16/12/2008)

Code: GI-1228

Department: Fisioloxía

Contact:

Pérez Fernández, Román

roman.perez.fernandez@usc.es

Telf. 981-563100 ext.12257

Center of Innovation and Thecnology Transfer

cittinfo@usc.es

Telf.: 981-547000

Research field

- Regulation of genes by vitamin D. Transcriptional factors (nuclear hormones receptors).
Breast cancer and transcription factors

Technology services

- RNA and DNA extraction and purification
- Molecular Biology techniques

Key words

Vitamin D; vitamin D receptor; VDR; growth hormone; GH; transcription factors; prolactin; Pit-1

Researchers

Name

Position

Pérez Fernández,R.	Coordinator
Macía Cortiñas,M.	Member
Segura Iglesias,M.d.	Member
Ben Batalla,M.I.	IFP
Seoane Ruzo,S.	IFP
Sendón Lago,J.J.	PA

External collaborators

NULL NULL

USC

RTD PROJECTS (period: 2006 - 2010)

Title:

Factor de transcripción Pit-1 y cáncer de mama

Tipology: Plan Nacional

Duration: 01/01/2010 - 31/12/2012

Main investigator: Pérez Fernández, Román

Title:

Papel do factor de transcripción Pit-1 en cancro de mama

Tipology: Proxectos Xunta

Duration: 31/10/2006 - 31/10/2009

Main investigator: Pérez Fernández, Román

Technological customers and partners

- BOIRON, S.A.
- Instituto Policlínico La Rosaleda, S.A.
- Verde Bioleta Natural, S.L.

SCIENTIFIC PRODUCTION (period: 2005 - 2009)

Articles in the Journal Citation Reports

Article:

In-vitro anti-inflammatory activity of *Pinus sylvestris* and *Plantago lanceolata* extracts: effect on inducible NOS, COX-1, COX-2 and their products in J774A.1 murine macrophages

Journal: JOURNAL OF PHARMACY AND PHARMACOLOGY, ISSN: 0022-3573
2005

Article:

Celular expression levels of vitamin D receptor are critical to their own transcriptional regulation by pituitary transcription factor Pit-1

Journal: MOLECULAR ENDOCRINOLOGY, ISSN: 0888-8809
2007

Article:

Prevalence of metabolic syndrome in Galicia (NW Spain) on four alternative definitions and association with insulin resistance

Journal: JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION, ISSN: 0391-4097
2009

Article:

Pit-1 is expressed in normal and tumorous human breast and regulates GH secretion and cell proliferation

Journal: EUROPEAN JOURNAL OF ENDOCRINOLOGY, ISSN: 0804-4643
2005

Article:

Vitamin D, Pit-1, GH and PRL: posible roles in breast cancer development

Journal: CURRENT MEDICINAL CHEMISTRY, ISSN: 0929-8673
2007

Article:

Expression and prognostic significance of metalloproteases and their inhibitors in luminal A and basal-like phenotypes of breast carcinoma

Journal: HUMAN PATHOLOGY, ISSN: 0046-8177
2009

Article:

Association between vitamin D receptor FokI polymorphism and serum parathyroid hormone level in patients with chronic renal failure.

Journal: JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION, ISSN: 0391-4097
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Article:

Association between vitamin D receptor FokI polymorphisms and serum parathyroid hormone level in patients with chronic renal failure

Journal: JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION, ISSN: 0391-4097
2005

Article:

The vitamin D receptor represses transcription of the pituitary transcription factor Pit-1 gene without involvement of the retinoid x receptor

Journal: MOLECULAR ENDOCRINOLOGY, ISSN: 0888-8809
2006

Article:

Iodine nutrition in the adult population of Galicia (Spain)

Journal: THYROID, ISSN: 1050-7256
2007

Article:

Prevalence, awareness, treatment and control of hypertension in Galicia (Spain), and association with related diseases

Journal: JOURNAL OF HUMAN HYPERTENSION, ISSN: 0950-9240
2007

Article:

Vitamin D, Pit-1, GH, and PRL: Possible Roles in Breast Cancer Development

Journal: CURRENT MEDICINAL CHEMISTRY, ISSN: 0929-8673
2007

Article:

Association between vitamin D receptor FokI polymorphism and serum parathyroid hormone level in patients with chronic renal failure

Journal: JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION, ISSN: 0391-4097
2005

Article:

Pit-1 is expressed in normal and tumorous human breast and regulates GH secretion and cell proliferation.

Journal: EUROPEAN JOURNAL OF ENDOCRINOLOGY, ISSN: 0804-4643
2005

Article:

1,25-dihydroxyvitamin D3 administration to 6-hydroxy dopamine-lesioned rats increases GDNF and partially restores tyrosine hydroxylase expression in substantia nigra and striatum

Journal: JOURNAL OF NEUROSCIENCE RESEARCH, ISSN: 0360-4012
2009

Article:

Prevalence of metabolic syndrome in Galicia (NW Spain) on four alternative definitions and association with insulin resistance

Journal: JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION, ISSN: 0391-4097
2009

Chapter:

Title:

Evidence of the efficacy of herbal medicinal products used for conditions associated with inflammation

Book:

Evaluation of Herbal Medicines

(978-0-85369-751-0)Publicación: 2009

Editorial:Pharmaceutical Press

Doctoral theses:

Title:

Polimorfismo Fok I del receptor de vitamina D y recambio óseo en pacientes con ortodondia

Date of dissertation: 16/03/2007

Director: María del Carmen Segura Iglesias, Román Pérez Fernández

Author: Francisco Cerdeira Gregorio

Title:

Efecto de Pit-1 sobre la expresión de GH y proliferación celular en glándula mamaria humana

Date of dissertation: 22/12/2005

Director: Román Pérez Fernández

Author: M^a Carmen Gil Puig

Title:

Cambios en las características epidemiológicas del cáncer de tiroides en Galicia. Importancia del carcinoma micropapilar.

Date of dissertation: 08/05/2007

Director: Ricardo García-Mayor, Román Pérez Fernández

Author: Antonia Lourdes Rego Iraeta

Title:

FUNCIÓN DO FACTOR DE TRANSCRIPCIÓN PIT-1/POU1F1 NO CANCRO DE MAMA

Date of dissertation: 03/07/2009

Director: Román Pérez Fernández, Seoane Ruzo, Samuel

Author: María Isabel Ben Batalla

Title:

La vitamina D regula la expresión del factor neurotrófico GDNF en cultivos neuronales estriatales y en ratas normales y hemiparkinsonianas

Date of dissertation: 27/11/2006

Director: Román Pérez Fernández, José Luis Relova Quinteiro

Author: Begoña Sánchez Rey

Title:

Regulación transcricional de la hormona de crecimiento y del factor de transcripción hipofisario-1 (Pit-1) por vitamina D

Date of dissertation: 29/11/2005

Director: Román Pérez Fernández

Author: Samuel Seoane Ruzo

Title:

Polimorfismo Fok I del receptor de vitamina D y recambio óseo en pacientes con ortodondia

Date of dissertation: 16/03/2007

Director: María del Carmen Segura Iglesias, Román Pérez Fernández

Author: Francisco Cerdeira Gregorio
