



Profolio of Researchers and Research Teams

GALICIAN ONCOLOGICAL RESEARCH GROUP

(Last update 03/04/2013)

Code: GI-1230

Department: Fisioloxía

Contact:

Domínguez Puente, Fernando

fernando.dominguez@usc.es

Telf. 981-563100 ext.12258

Center of Innovation and Thecnology Transfer

cittinfo@usc.es

Telf.: 981-547000

Research field

- Translational Cancer Research

Technology services

- Gynecology
- Hematology
- Pathology
- Nuclear Medicine
- Oncology
- Genetic Diagnosis

Key words

Tumoral Markers; Prognostic Factors; Genomics and proteomics;
Pharmacogenomic

Researchers

Name

Domínguez Puente, F.
Bello López, J.L.
Cameselle Teijeiro, J.M.
Conde Freire, R.F.
Fraga Rodríguez, M.F.
Novo Domínguez, A.
Paredes Cotore, J.P.

Position

Coordinator
Member
Member
Member
Member
Member
Member

External collaborators

Luz Miguez Alvarez

Fundación Pública Galega de Medicina Xenómica

RTD PROJECTS (period: 2009 - 2013)

Title:

Diseño de Nanopartículas Inorgánicas conjugadas: Nuevas herramientas para el tratamiento del cáncer

Tipology: Plan Nacional

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

Main investigator: Domínguez Puente, Fernando

Technological customers and partners

- Hospital General Juan Cardona
- Institut de Recerca de l'Hospital de la Santa Creu y Sant Pau
- NANOGAP SUB-NM-POWDER, S.A.
- Nanotargeting, S.L.
- Obra Social 'la Caixa'
- Varias entidades

SCIENTIFIC PRODUCTION (period: 2007 - 2011)

Articles in scientific journals

Article:

Looking for ferns: optimization of digestion pretreatment in fluorescence in situ hybridization (FISH) technique on paraffin-embedded tissues.

Journal: DIAGNOSTIC MOLECULAR PATHOLOGY, ISSN: 1052-9551
2007

Article:

Giant omental lipoblastoma in a 10-month-old infant composing 20% of total body weight

Journal: JOURNAL OF PEDIATRIC SURGERY, ISSN: 0022-3468
2007

Article:

Poliposis gástrica en PAF

Journal: REVISTA ESPANOLA DE ENFERMEDADES DIGESTIVAS, ISSN: 1130-0108
2007

Article:

Hypoploidy defines patients with poor prognosis in breast cancer

Journal: ONCOLOGY REPORTS, ISSN: 1021-335X
2007

Article:

Ligneous conjunctivitis: a clinicopathological, immunohistochemical, and genetic study including the treatment of two sisters with multiorgan involvement.

Journal: VIRCHOWS ARCHIV, ISSN: 0945-6317
2007

Article:

Ligneous conjunctivitis: a clinicopathological, immunohistochemical, and genetic study including the treatment of two sisters with multiorgan involvement

Journal: VIRCHOWS ARCHIV, ISSN: 0945-6317
2007

Article:

Hypoploidy defines patients with poor prognosis in breast cancer

Journal: ONCOLOGY REPORTS, ISSN: 1021-335X
2007

Article:

Giant omental lipoblastoma in a 10-month-old infant composing 20% of total body weight

Journal: JOURNAL OF PEDIATRIC SURGERY, ISSN: 0022-3468
2007

Article:

Sonographic features of liver involvement by lymphoma

Journal: JOURNAL OF ULTRASOUND IN MEDICINE, ISSN: 0278-4297
2007

Article:

Diagnosis of Hodgkin's disease: an update on histopathological and immunophenotypical features

Journal: HISTOLOGY AND HISTOPATHOLOGY, ISSN: 0213-3911
2007

Article:

Impact of endoscopic ultrasound-guided fine needle biopsy for diagnosis of pancreatic masses

Journal: AMERICAN JOURNAL OF GASTROENTEROLOGY, ISSN: 0002-9270
2007

Article:

Cutaneous keratocyst not associated to Gorlin Syndrome: an incidental finding in a healthy male

Journal: AMERICAN JOURNAL OF DERMATOPATHOLOGY, ISSN: 0193-1091
2007

Article:

Signet-ring cell carcinoma presenting in the uterine cervix: report of a primary and 2 metastatic cases

Journal: INTERNATIONAL JOURNAL OF GYNECOLOGICAL PATHOLOGY, ISSN: 0277-1691
2007

Article:

Male genital leiomyomas showing androgen receptor expression

Journal: JOURNAL OF CUTANEOUS PATHOLOGY, ISSN: 0303-6987
2007

Article:

Prevalence of mutations in TSHR, GNAS, PRKAR1A and RAS genes in a large series of toxic thyroid adenomas from Galicia, an iodine-deficient area in NW Spain.

Journal: EUROPEAN JOURNAL OF ENDOCRINOLOGY, ISSN: 0804-4643
2008

Article:

Hypochondroplasia and Acanthosis nigricans: a new syndrome due to the p.Lys650Thr mutation in the fibroblast growth factor receptor 3 gene?

Journal: EUROPEAN JOURNAL OF ENDOCRINOLOGY, ISSN: 0804-4643
2008

Article:

Ghrelin localization in the medulla of rat and human adrenal gland and in pheochromocytomas..

Journal: HISTOLOGY AND HISTOPATHOLOGY, ISSN: 0213-3911
2008

Article:

Looking for ferns: optimization of digestion pretreatment in fluorescence in situ hybridization (FISH) technique on paraffin-embedded tissues.

Journal: DIAGNOSTIC MOLECULAR PATHOLOGY, ISSN: 1052-9551
2008

Article:

Prevalence of mutations in TSHR, GNAS, PRKAR1A and RAS genes in a large series of toxic thyroid adenomas from Galicia, an iodine-deficient area in NW Spain

Journal: EUROPEAN JOURNAL OF ENDOCRINOLOGY, ISSN: 0804-4643
2008

Article:

Follicular thyroid carcinoma with an unusual glomeruloid pattern of growth

Journal: HUMAN PATHOLOGY, ISSN: 0046-8177
2008

Article:

Intestinal clear cell sarcoma with melanocytic differentiation and extraskeletal myxoid chondrosarcoma rearrangement: report of a case

Journal: INTERNATIONAL JOURNAL OF SURGICAL PATHOLOGY, ISSN: 1066-8969
2008

Article:

BRAF mutation associated with other generic events identifies a subset of aggressive papillary thyroid carcinoma

Journal: CLINICAL ENDOCRINOLOGY, ISSN: 0300-0664
2008

Article:

Pendred syndrome in two galician families: insights into clinical phenotypes through cellular, genetic, and molecular studies

Journal: ENDOCRINE RESEARCH, ISSN: 0743-5800
2008

Article:

Looking for ferns: optimization of digestion pretreatment in fluorescence in situ hybridization (FISH) technique on paraffin-embedded

Journal: DIAGNOSTIC MOLECULAR PATHOLOGY, ISSN: 1052-9551
2008

Article:

Analysis of the relationship between p53 immunohistochemical expression and risk factors for lung cancer, with special emphasis on residential radon exposure

Journal: ANNALS OF ONCOLOGY, ISSN: 0923-7534
2008

Article:

Ghrelin localization in the medulla of rat and human adrenal gland and in pheochromocytomas

Journal: HISTOLOGY AND HISTOPATHOLOGY, ISSN: 0213-3911
2009

Article:

A highly efficient system to delivery taxanes into tumor cells: Docetaxel-loaded chitosan oligomer nanocapsules.

Journal: BIOMACROMOLECULES, ISSN: 1525-7797
2008

Article:

Hypochondroplasia and acanthosis nigricans: a new syndrome due to the p.Lys650Thr mutation in the FGFR3 gene?

Journal: EUROPEAN JOURNAL OF ENDOCRINOLOGY, ISSN: 0804-4643
2008

Article:

Retinoblastoma Loss Modulates DNA Damage Response Favoring Tumor Progression

Journal: PLOS MEDICINE, ISSN: 1549-1277
2008

Article:

Cyclin A probes by means of intermolecular sensitization of terbium-chelating peptides

Journal: JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, ISSN: 0002-7863
2008

Article:

Hematopathology: a lepa forward in pathology. A personal view

Journal: SEMINARS IN DIAGNOSTIC PATHOLOGY, ISSN: 0740-2570
2008

Article:

BRAF mutation in solid cell nest hyperplasia associated with papillary thyroid carcinoma. A precursor lesion? Human Pathology

Journal: HUMAN PATHOLOGY, ISSN: 0046-8177
2009

Article:

Thyroid-type solid cell nests in struma ovarii. International Journal of Surgical Pathology

Journal: INTERNATIONAL JOURNAL OF SURGICAL PATHOLOGY, ISSN: 1066-8969
2009

Article:

6.Blanco A, Graña B, Fachal L, Santamariña M, Cameselle-Teijeiro J, Ruíz-Ponte C, Carracedo A, Vega A. Beyond BRCA1 and BRCA2 wild-type breast and/or ovarian cancer families: germline mutations in TP53 and PTEN

Journal: CLINICAL GENETICS, ISSN: 0009-9163
2009

Article:

Pegvisomant-induced cholestatic hepatitis with jaundice in a patient with Gilbert's syndrome. European Journal of Endocrinology

Journal: EUROPEAN JOURNAL OF ENDOCRINOLOGY, ISSN: 0804-4643
2009

Article:

Metastatic tumours to the oral cavity: a survival study with a special focus on gingival metastases

Journal: JOURNAL OF CLINICAL PERIODONTOLOGY, ISSN: 0303-6979
2009

Article:

Cribiform-morular variant of papillary thyroid carcinoma: molecular characterization of a case with neuroendocrine differentiation and aggressive behavior

Journal: AMERICAN JOURNAL OF CLINICAL PATHOLOGY, ISSN: 0002-9173
2009

Article:

Whether to determine HER2 status for breast cancer in the primary tumour or in the metastasis.

Journal: HISTOLOGY AND HISTOPATHOLOGY, ISSN: 0213-3911
2009

Article:

EGFR and Ki-67 expression in oral squamous cell carcinoma using tissue microarray technology

Journal: JOURNAL OF ORAL PATHOLOGY & MEDICINE, ISSN: 0904-2512
2010

Article:

Fluorescent in situ hybridization heating pretreatment: The key is temperature control

Journal: PATHOLOGY INTERNATIONAL, ISSN: 1320-5463
2010

Article:

Gastrointestinal stromal tumors (GISTs) of the colon

Journal: REVISTA ESPANOLA DE ENFERMEDADES DIGESTIVAS, ISSN: 1130-0108
2010

Article:

Burkitt lymphoma and difusse aggressive B-cell lymphoma

Journal: INTERNATIONAL JOURNAL OF SURGICAL PATHOLOGY, ISSN: 1066-8969

2010

Article:

Differential diagnosis of classic Hodgkin lymphoma

Journal: INTERNATIONAL JOURNAL OF SURGICAL PATHOLOGY, ISSN: 1066-8969
2010

Article:

Cystic tumor of the atrioventricular node: a rare cardiac pseudoneoplastic lesion

Journal: ARCHIVES OF PATHOLOGY & LABORATORY MEDICINE, ISSN: 0003-9985
2010

Article:

Uncommon tumors of the thyroid gland

Journal: INTERNATIONAL JOURNAL OF SURGICAL PATHOLOGY, ISSN: 1066-8969
2010

Article:

The pathologist's role in familial nonmedullary thyroid tumors

Journal: INTERNATIONAL JOURNAL OF SURGICAL PATHOLOGY, ISSN: 1066-8969
2010

Article:

Travelogue.

Journal: INTERNATIONAL JOURNAL OF SURGICAL PATHOLOGY, ISSN: 1066-8969
2010

Article:

Identification of a
paired box gene 8-peroxisome proliferator-activated receptor gamma
(PAX8-PPARgamma) rearrangement mosaicism in a patient with an autonomous functioning
follicular thyroid carcinoma bearing an activating mutation in the TSH receptor.

Journal: ENDOCRINE-RELATED CANCER, ISSN: 1351-0088
2010

Article:

New insights into thyroglobulin pathophysiology revealed by the study of a family with congenital
goiter

Journal: JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM, ISSN: 0021-972X
2010

Article:

Warning about the poor prognosis of squamous cell carcinoma of the thyroid.

Journal: INTERNATIONAL JOURNAL OF SURGICAL PATHOLOGY, ISSN: 1066-8969
2010

Article:

Expression of exogenous proteins and short hairpin RNAs in human primary thyrocytes

Journal: ANALYTICAL BIOCHEMISTRY, ISSN: 0003-2697
2010

Article:

Beyond BRCA1 and BRCA2 wild-type breast and/or ovarian cancer families: germline mutations in
TP53 and PTEN

Journal: CLINICAL GENETICS, ISSN: 0009-9163
2010

Article:

Functionall Consequences of Seven Novel Mutations in the CYP11B1 Gene - Four Mutations Associated with Non-Classic and Three Mutations Causing Classic 11b-Hydroxylase Deficiency.

Journal: JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM, ISSN: 0021-972X
2010

Article:

Exploring the binding of Pt drugs to gold nanoparticles for controlled passive release of cisplatin.

Journal: JOURNAL OF CONTROLLED RELEASE, ISSN: 0168-3659
2010

Article:

Genetic study of the hepcidin gene (HAMP) promoter and functional analysis of the c.-582A> G variant.

Journal: BMC GENETICS, ISSN: 1471-2156
2010

Article:

EGFR and Ki-67 expression in oral squamous cell carcinoma using tissue microarray technology

Journal: JOURNAL OF ORAL PATHOLOGY & MEDICINE, ISSN: 0904-2512
2010

Article:

Efficacy of bortezomig in refractory form of multicentric Castleman disease associated to poems syndrome (MCD-POEMS variant)

Journal: ANNALS OF HEMATOLOGY, ISSN: 0939-5555
2010

Article:

Busulfan 12 mg/kg plus melphalan 140 mg/m vsus melphalan 200 mg/m as conditioning regimens for autologous transplantation in newly diagnosed multiple myeloma patients included in the PETHEMA/GEM2000 study

Journal: ACTA HAEMATOLOGICA, ISSN: 0001-5792
2010

Article:

Bortezomig, melphalan, and prednisone versus bortezomig, thalidomide, and prednisone as induction therapy followid by maintenance treatment with bortezomib and thalidomide versus bortezomib and prednisone in elderly patients with untreated multiple myeloma: a randomised trial

Journal: LANCET ONCOLOGY, ISSN: 1470-2045
2010

Article:

Outcome after relapse of acute lymphoblastic leukemia in adult patients included in four consecutive risk-adapted trials by the PETHEMA Study Group

Journal: ACTA HAEMATOLOGICA, ISSN: 0001-5792
2010

Article:

Thyroid transcription factor-1 expression in endometrioid tumors: a note of caution

Journal: HUMAN PATHOLOGY, ISSN: 0046-8177
2011

Article:

Tumor-in-tumor of the thyroid with basaloid
differentiation: a lesion with a solid cell nest neoplastic component?

Journal: AMERICAN JOURNAL OF SURGICAL PATHOLOGY, ISSN: 0147-5185
2011

Article:

Somatotroph tumor progression during pegvisomant therapy: a clinical and molecular study

Journal: JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM, ISSN: 0021-972X
2011

Article:

Chromosomal, epigenetic and microRNA-mediated inactivation of LRP1B, a modulator of the
extracellular environment of thyroid cancer cells

Journal: ONCOGENE, ISSN: 0950-9232
2011

Article:

Thyroid-type solid cell nests in struma ovarii

Journal: AMERICAN JOURNAL OF SURGICAL PATHOLOGY, ISSN: 0147-5185
2011

Article:

Clinical relevance of epidermal growth factor receptor (EGFR) alterations in human pancreatic
tumors.

Journal: ONCOLOGY REPORTS, ISSN: 1021-335X
2011

Chapter:

Title:

Eye cancer research progress

Book:

Ocular adnexal lymphomas

(978-1-60456-045-9)Publicación: 2008

Editorial:Nova Science Publishers Inc

Title:

Fundamentos de genética, genómica, proteómica y bioinformática.

Book:

Tratado de Endocrinología Pediátrica

(978-84-481-6387-7)Publicación: 2009

Editorial:McGraw Hill - Interamericana

Title:

Transplante de células progenitoras hematopoyéticas: tipos, fuentes e indicaciones.

Book:

Posgrado de críticos

(978-84-692-4269-8)Publicación: 2009

Editorial:UNIVERSIDADE DE SANTIAGO DE COMPOSTELA

Title:

Complicaciones precoces del trasplante de progenitores hematopoyéticos.

Book:

Posgrado de críticos

(978-84-692-4269-8)Publicación: 2009

Editorial:UNIVERSIDADE DE SANTIAGO DE COMPOSTELA

Title:

Hernia inguinal indirecta recidivada resuelta con tapón y malla con adhesivo de fibrina.

Book:

Técnicas quirúrgicas, consenso y evidencia científica en el uso de adhesivo de fibrina en cirugía de la pared abdominal.

(978-84-86671-82-2)Publicación: 2010

Editorial:Pulso Ediciones

Title:

Trasplante de células progenitoras hematopoyéticas: tipos, fuentes e indicaciones

Book:

Máster en críticos

(978-84-69367-89-6)Publicación: 2010

Editorial:Unidixital

Title:

Complicaciones precoces del trasplante de progenitores hematopoyéticos

Book:

Máster en críticos

(978-84-69367-89-6)Publicación: 2010

Editorial:Unidixital

Title:

Trasplante de precursores hematopoyéticos Materia Calendario de TPH

Book:

Máster en críticos

(978-84-69367-89-6)Publicación: 2010

Editorial:Unidixital

Title:

Accesos venosos centrales

Book:

Máster en críticos

(978-84-69367-89-6)Publicación: 2010

Editorial:Unidixital

Doctoral theses:

Title:

Nanocápsulas de docetaxel dirixidas hacia TMEFF2 no tratamento de tumores

Date of dissertation: 18/12/2009

Director: Fernando Domínguez Puente

Author: Daniel Torrecilla Cillero

Title:

Valor da técnica FISH para a detección de translocacións en linfomas No Hodgkin. Linfoma Folicular, Linfoma de Células do Manto e Linfoma B de Células Grandes

Date of dissertation: 28/07/2009

Director: Máximo Francisco Fraga Rodríguez, Jerónimo Forteza Vila

Author: Marta Tojo Castro

Title:

EVOLUCIÓN DOS MÉTODOS DIAGNÓSTICOS DO CANCRO DE MAMA NO SUR DE GALICIA DURANTE 35 ANOS (1974-2008)

Date of dissertation: 22/07/2009

Director: Jerónimo Forteza Vila, Cameselle Teijeiro, Jorge F.

Author: Rosa Mallo Alonso

Title:

Bases Moleculares da Hiperplasia Suprarrenal Conxénita

Date of dissertation: 12/05/2009

Director: Fernando Domínguez Puente, Loidi Fernández de Troconiz, Lourdes, Krone, Nils Peter

Author: Silvia Parajes Castro

Title:

Influencia das mutacións do xen NOD2/CARD15 e dos receptores "toll-like" na susceptibilidade para a enfermidade de Crohn na poboación galega e a súa influencia na resposta as terapias biolóxicas

Date of dissertation: 22/06/2009

Director: Juan Enrique Domínguez Muñoz, Joaquín Potel Lesquereux

Author: Manuel Francisco Barreiro de Acosta

Title:

Importancia de marcadores moleculares no prognóstico de carcinomas de células escamosas da cavidade oral utilizando tissue microarrays

Date of dissertation: 30/07/2010

Director: Máximo Francisco Fraga Rodríguez, Diniz Freitas, Marcio

Author: Luis Miguel Moutinho Da Silva Monteiro

Title:

Estudo das mutacións do gen JAK2 en pacientes con neoplasias mieloproliferativas crónicas cromosoma Filadelfia-negativas. Utilidade diagnóstica e do seguimento.

Date of dissertation: 24/09/2010

Director: José Luis Bello López, Manuel Mateo Pérez Encinas

Author: Marta Anna Sobas

Title:

Detección da sobreexpresión do ARNm de ERBB2 mediante unha nova sonda de hibridación in situ en cancro de mama

Date of dissertation: 01/10/2010
Director: Jerónimo Forteza Vila
Author: Javier Alba Domínguez

Title:

Estudo anatomo-radiográfico do seio maxilar e súa correlación com patología cirúrgica numa população portuguesa.

Date of dissertation: 20/10/2010
Director: Juan Antonio Suárez Quintanilla, Joaquín Potel Lesquereux
Author: Marco Paulo de Araújo Infante da Câmara

Title:

Alteracións epigénicas no adenocarcinoma ductal de páncreas impacto clínico-patolóxico

Date of dissertation: 18/10/2011
Director: Jerónimo Forteza Vila, Herranz Carnero, Michel
Author: Elena Evgenyeva

Title:

PATOLOXIA ENDOMETRIAL NO CANCRO DE MAMA

Date of dissertation: 01/06/2011
Director: Alejandro Novo Domínguez, Cameselle Teijeiro, Jorge F.
Author: JAVIER VALDES PONS
