



## **Cristina Peña Maroto**

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## Summary of CV

This section describes briefly a summary of your career in science, academic and research; the main scientific and technological achievements and goals in your line of research in the medium -and long- term. It also includes other important aspects or peculiarities.

Cristina Peña (CP) has recently incorporated as Investigadora Científica to the Instituto de Investigaciones Biomédicas Sols Morreale (IIBM, CSIC-UAM, Madrid). She joined Felix Bonilla's group (Hospital Universitario Puerta de Hierro (HPH)) in 2002 and received her PhD in Medicine at the Universidad Autónoma de Madrid (2005) obtaining the maximum grade and the Extraordinary PhD award. CP worked in the relationships among genes related with epithelial-mesenchymal transition (EMT) in colon cancer (CC) patients, identifying new tissue and liquid biopsy biomarkers. Later she joined to Arne Östman's group (Stockholm, 2008-2010) to study the role of cancer-associated fibroblasts (CAFs) on CC progression. Back to Madrid in 2010, CP started her own group at HPH with a Miguel Servet contract and then she translated to Hospital Universitario Ramón y Cajal (HRC) in 2016. Since then, her laboratory is focused on the study of the tumor microenvironment in CC patients with a clear attempt to translate her results to the clinical management of oncology patients. **CP has authored 68 manuscripts (16: senior and corresponding author; 6: first author; 41 Q1, including 26 into D1; more than 5,700 citations; H factor: 37 (WOS Jan-2024)). CP has received fundings for research from 23 projects. In 9 of them she is the principal investigator (ISCIII; AECC; CAM). Recently she has obtained funding in the current call of "Consolidación Investigadora" from the "Agencia Estatal de Investigación".**

Main **scientific achievements**, her PhD studies allowed 1) the identification of numerous associations between the expression of EMT-related genes and the clinicopathological characteristics of tumors and CC patients; 2) the involvement of transcriptional regulators in the modulation of these genes; and 3) their deregulation in the normal tissue adjacent to tumor tissue. During her stay in the Östman's group she defined the key role of the STC1 protein secreted by CAFs in the formation of distant metastases.

As a **group leader** CP established her group in 2010 focused on the analysis of the tumor stroma, its activation mechanisms and its participation in different tumorigenic processes in CC. She established a novel line of research aimed at characterizing the effect of SNAI1 expression in CAFs on: 1) their activation; 2) the induction of proliferation and invasion in CC cells; 3) the induction of tumor angiogenesis and 4) the induction of extracellular matrix-mediated chemoresistance of tumor cells.

CP's studies also focus on the characterization of biomarkers of stromal activation, particularly CAFs, in liquid, tissue and imaging biopsy associated with the diagnosis, prognosis and response to treatment in CC patients. She described the association of different stromal markers with the clinical evolution of patients, demonstrating their usefulness as possible prognostic biomarkers in CC. CP focused on the heterogeneity of CAFs and the description of new biomarkers in the exosomes secreted by them. Thus, she studied 1) the heterogeneity of CAFs among different patients and how this heterogeneity translates into different abilities to induce CC cell migration; 2) the regulatory elements specifically packaged in exosomes released by CAFs; 3) different gene expression signatures derived from normal fibroblasts and CAFs as well as from the target genes of the regulatory elements present in CAF-derived exosomes. Finally, she is currently implementing new research lines in the study of CAF-response to radiotherapy, microbiome and image biomarkers associated with CAFs in CC.



**Relevance:** CP's results describe molecular mechanisms of CAFs in the development of CC and identify biomarkers derived from tissue and liquid biopsy samples with diagnostic, prognostic and treatment response value. This knowledge will lay the groundwork for the development of new antitumor compounds as well as new clinical tools to plan the treatment of patients in an early, dynamic and individual way, supporting the development of precision medicine in CC patients.

**Contribution to society:** participation in primary and secondary schools in the context of International Day of Women and Girls in Science (February 11th) or CIBERONC press. In addition, CP is the author of a book aimed at children between 6 and 12 years old that seeks to awaken interest in science and professional dedication to it, especially in women. Recently, CP has signed a contract with the publisher Pluma Verde for the publication of the book in the coming months. **Training, teaching and peer-review activities:** supervision of 3 PhD Thesis (UAM), currently 1 more at UAH, and several Final and Master's Degree Projects. Teacher in the "Master in Molecular Oncology" (CEB-URJC) and in "Company Program of specialization in MSL" (CESIF). Peer-reviewer of articles for international journals and member of evaluation from national and international funding agencies (AES 2023; KWF-Dutch; Kom op tegen Kanker).



## General quality indicators of scientific research

This section describes briefly the main quality indicators of scientific production (periods of research activity, experience in supervising doctoral theses, total citations, articles in journals of the first quartile, H index...). It also includes other important aspects or peculiarities.

- H index: 37. More than 5,700 citation. Accumulated impact factor: 765,385 (WOS 2022 July).
- 68 manuscripts in international journals. 16 as senior and corresponding author and 6 as first author. 43 Q1, including 30 into D1 (WOS 2022 July).
- Participation in 23 funded projects. 9 as Principal Investigator
- 3 Doctoral Thesis directed



## Cristina Peña Maroto

Surname(s): **Peña Maroto**  
 Name: **Cristina**  
 ORCID: **0000-0003-4406-8640**  
 Date of birth: **20/10/1978**  
 Gender: **Female**  
 Email: **cristinapenamaroto@gmail.com**

### Current professional situation

**Employing entity:** Consejo Superior de Investigaciones Científicas      **Type of entity:** State agency  
**Professional category:** Investigadora Científica  
**Start date:** 03/10/2023  
**Type of contract:** Civil servant

### Previous positions and activities

	Employing entity	Professional category	Start date
1	FUNDACION INVEST. BIOMEDICA HOSPITAL UNIV. RAMON Y CAJAL	Investigadora Titular	21/08/2019
2	FUNDACION INVEST. BIOMEDICA HOSPITAL UNIV. RAMON Y CAJAL	Miguel Servet II: Senior Research Scientist	01/05/2016
3		Interruption of Research Activity_6 months	16/12/2016
4	Fundación para la Investigación Biomédica del Hospital Puerta de Hierro Majadahonda	Miguel Servet I: Senior Research Scientist	01/05/2010
5		Interruption of Research Activity_5 months	04/02/2015
6		Interruption of Research Activity_5 months	07/10/2013
7	Instituto Karolinka, Estocolmo, Suecia	Postdoctoral fellow	01/05/2008
8	Fundación para la Investigación Biomédica del Hospital Universitario Puerta de Hierro	Postdoctoral fellow	01/02/2006
9	Hospital Universitario Puerta de Hierro	PhD Student	01/02/2002
10	Universidad Autónoma de Madrid	Predoctoral grant	01/02/2002

**1** **Employing entity:** FUNDACION INVEST. BIOMEDICA HOSPITAL UNIV. RAMON Y CAJAL  
**Professional category:** Investigadora Titular  
**Start-End date:** 21/08/2019 - 02/10/2023

**2** **Employing entity:** FUNDACION INVEST. BIOMEDICA HOSPITAL UNIV. RAMON Y CAJAL  
**Professional category:** Miguel Servet II: Senior Research Scientist  
**Start-End date:** 01/05/2016 - 20/08/2019



- 3** **Professional category:** Interruption of Research Activity\_6 months  
**Start-End date:** 16/12/2016 - 03/06/2017      **Duration:** 6 months
- 4** **Employing entity:** Fundación para la Investigación Biomédica del Hospital Puerta de Hierro Majadahonda      **Type of entity:** Foundation  
**Professional category:** Miguel Servet I: Senior Research Scientist  
**Start-End date:** 01/05/2010 - 30/04/2016      **Duration:** 6 years
- 5** **Professional category:** Interruption of Research Activity\_5 months  
**Start-End date:** 04/02/2015 - 30/06/2015      **Duration:** 5 months
- 6** **Professional category:** Interruption of Research Activity\_5 months  
**Start-End date:** 07/10/2013 - 01/03/2014      **Duration:** 5 months
- 7** **Employing entity:** Instituto Karolinka, Estocolmo, Suecia  
**Professional category:** Postdoctoral fellow  
**Start-End date:** 01/05/2008 - 30/04/2010      **Duration:** 2 years
- 8** **Employing entity:** Fundación para la Investigación Biomédica del Hospital Universitario Puerta de Hierro  
**Professional category:** Postdoctoral fellow  
**Start-End date:** 01/02/2006 - 30/04/2008
- 9** **Employing entity:** Hospital Universitario Puerta de Hierro  
**Professional category:** PhD Student  
**Start-End date:** 01/02/2002 - 31/01/2006
- 10** **Employing entity:** Universidad Autónoma de Madrid      **Type of entity:** University  
**Professional category:** Predoctoral grant  
**Start-End date:** 01/02/2002 - 30/09/2002      **Duration:** 8 months



## Education

### University education

#### 1st and 2nd cycle studies and pre-Bologna degrees

**University degree:** Higher degree

**Name of qualification:** Biology degree

**Degree awarding entity:** Universidad Autónoma de Madrid **Type of entity:** University

**Date of qualification:** 01/06/2001

#### Doctorates

**Doctorate programme:** Medicine PhD

**Degree awarding entity:** Universidad Autónoma de Madrid **Type of entity:** University

**Date of degree:** 14/03/2005

**Thesis title:** Regulación de la expresión del gen de E-cadherina por SNAIL, VDR y ZEB1 en cáncer de colon: correlaciones pronósticas

**Obtained qualification:** Sobresaliente Cum Laude

**Special doctorate award:** Yes

### Specialised, lifelong, technical, professional and refresher training (other than formal academic and healthcare studies)

- 1 Training title:** Curso Herramientas Google aplicadas a la Investigación  
**Awarding entity:** Instituto Ramón y Cajal de Investigación Sanitaria  
**End date:** 11/02/2021 **Duration in hours:** 9 hours
- 2 Training title:** Nuclear receptors and cancer  
**Awarding entity:** CIBERONC  
**End date:** 04/12/2019
- 3 Training title:** Curso para la formación del personal en experimentación animal Módulo B-C  
**Awarding entity:** Universidad Rey Juan Carlos **Type of entity:** University  
**End date:** 29/05/2012 **Duration in hours:** 40 hours
- 4 Training title:** Personal que lleva a cabo los procedimientos con animales: Categoría B  
**Awarding entity:** Hospital Gregorio Marañón  
**End date:** 27/01/2012 **Duration in hours:** 40 hours
- 5 Training title:** I Curso de actualización en investigación traslacional  
**Awarding entity:** Hospital Universitario Puerta de Hierro  
**End date:** 20/12/2011 **Duration in hours:** 15 hours



- 6 Training title:** Regresión logística  
**Awarding entity:** Agencia Laín Entralgo  
**End date:** 09/05/2006 **Duration in hours:** 32 hours
- 7 Training title:** La calidad en la industria química  
**Awarding entity:** Comunidad de Madrid  
**End date:** 31/10/2001 **Duration in hours:** 150 hours
- 8 Training title:** Biotecnología y alimentación  
**Awarding entity:** Colegio Oficial de biólogos  
**End date:** 17/10/2001 **Duration in hours:** 30 hours

## Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
English		C1	C1	C1	C1

## Teaching experience

### General teaching experience

**Name of the course:** Salud Pública  
**University degree:** Graduado o Graduada en Farmacia  
**Start date:** 01/02/2022  
**Entity:** Universidad Alfonso X El Sabio **Type of entity:** University

### Experience supervising doctoral thesis and/or final year projects

- 1 Project title:** Identificación de pacientes con cáncer de colon en estadio III con alto/bajo riesgo de recurrencia basado en un modelo radiómica derivado de biomarcadores del microambiente tumoral  
**Type of project:** Doctoral thesis  
**Entity:** Universidad de Alcalá **Type of entity:** University  
**Student:** Manuel Collado Valero  
**Date of reading:** 2025
- 2 Project title:** Identificación y caracterización de biomarcadores derivados de fibroblastos asociados a tumor con valor pronóstico, diagnóstico y de respuesta a tratamiento en pacientes con cáncer de colon  
**Type of project:** Doctoral thesis  
**Co-director of thesis:** Alfredo Carrato Mena  
**Entity:** Universidad Autónoma de Madrid **Type of entity:** University  
**Student:** Cristina Galindo Pumariño  
**Obtained qualification:** Sobresaliente CUM LAUDE  
**Date of reading:** 08/10/2021





- 3** **Project title:** Trabajo Fin de Máster: Identificación en biopsia líquida de biomarcadores exosomales derivados de “Fibroblastos Asociados a Cáncer” con valor diagnóstico en cáncer de colon  
**Type of project:** Minor thesis  
**Entity:** Universidad de Alcalá **Type of entity:** University  
**Student:** Manuel Collado Valero  
**Date of reading:** 01/06/2021
- 4** **Project title:** Tratamientos actuales y en desarrollo del cáncer de colon  
**Type of project:** End of course project  
**Entity:** Universidad Rey Juan Carlos **Type of entity:** University  
**Student:** Luis Eugenio Selma  
**Date of reading:** 01/10/2020
- 5** **Project title:** Determinación del valor diagnóstico, pronóstico y/o predictivo de marcadores exosomales derivados del microambiente tumoral en cáncer de colon  
**Type of project:** End of course project  
**Entity:** Universidad de Alcalá **Type of entity:** University  
**Student:** Manuel Collado Valero  
**Date of reading:** 01/06/2020
- 6** **Project title:** Estudio del efecto del Microambiente Tumoral en el desarrollo, diagnóstico y tratamiento del cáncer de colon  
**Type of project:** End of course project  
**Entity:** Universidad de Alcalá **Type of entity:** University  
**Student:** Laura Valle Rodríguez  
**Date of reading:** 2019
- 7** **Project title:** Caracterización molecular e identificación de biomarcadores para un diagnóstico precoz del cáncer de páncreas exocrino familiar  
**Type of project:** End of course project  
**Entity:** Universidad de Alcalá **Type of entity:** University  
**Student:** Jessica Encinas Mayoral  
**Date of reading:** 31/07/2017
- 8** **Project title:** Efecto de la expresión de SNAIL1 en fibroblastos asociados a tumores de colon  
**Type of project:** Doctoral thesis  
**Co-director of thesis:** Félix Bonilla Velasco  
**Entity:** Universidad Autónoma de Madrid **Type of entity:** University  
**Student:** Alberto Herrera Tejero  
**Obtained qualification:** Sobresaliente cum laude  
**Date of reading:** 20/06/2016
- 9** **Project title:** Tesis Doctoral: Valor pronóstico de marcadores estromales en colon  
**Type of project:** Doctoral thesis  
**Co-director of thesis:** Félix Bonilla Velasco  
**Entity:** Universidad Autónoma de Madrid **Type of entity:** University  
**Student:** Mercedes Herrera Torres  
**Obtained qualification:** Sobresaliente Cum Laude  
**Date of reading:** 30/06/2014



- 10 Project title:** Proyecto Fin de Máster: Determinación de las funciones paracrinas del gen SNAI1: implicación en las capacidades tumorigénicas de células epiteliales de colon humanas  
**Type of project:** Minor thesis  
**Entity:** Universidad Complutense de Madrid **Type of entity:** University  
**Student:** Alberto Herrera Tejero  
**Obtained qualification:** Sobresaliente  
**Date of reading:** 01/06/2011

## Teaching experience in courses and seminars for university teacher training

- 1 Type of event:** Máster  
**Name of the event:** Máster en Oncología Molecular  
**Organising entity:** Universidad Rey Juan Carlos **Type of entity:** University  
**Hours of teaching:** 3  
**Teaching date:** 2022
- 2 Type of event:** Curso MSL  
**Name of the event:** Fundamentos científicos y ensayos clínicos  
**Organising entity:** Centro de Estudios Farmacéuticos  
**Hours of teaching:** 4  
**Teaching date:** 27/09/2021
- 3 Type of event:** Máster  
**Name of the event:** Máster en Oncología Molecular  
**Organising entity:** Universidad Rey Juan Carlos **Type of entity:** University  
**Hours of teaching:** 1,5  
**Teaching date:** 2021
- 4 Type of event:** Seminar  
**Name of the event:** Programa de seminarios IRYCIS 2019  
**Organising entity:** Instituto Ramón y Cajal de Investigación Sanitaria  
**Hours of teaching:** 1  
**Teaching date:** 28/03/2019
- 5 Type of event:** Workshop  
**Name of the event:** Ciclo de conferencias del COBCM  
**Organising entity:** Colegio Oficial de Biólogos de la Comunidad de Madrid  
**Hours of teaching:** 3  
**Teaching date:** 2019
- 6 Type of event:** Seminar  
**Name of the event:** Programa de seminarios IRYCIS 2016  
**Organising entity:** Instituto Ramón y Cajal de Investigación Sanitaria  
**Hours of teaching:** 1  
**Teaching date:** 27/10/2016



## Other activities/achievements not included above

- 1 **Description of the activity:** Divulgación científica: "Investigadoras IRYCIS en las aulas", "Enseñanzas de Gaia"  
**Organising entity:** "IES Pablo Picasso de Pinto" e "Instituto Ramón y Cajal de Investigación Sanitaria"  
**End date:** 11/03/2022
- 2 **Description of the activity:** Divulgación científica: "Día Internacional de la Mujer y la Niña en la Ciencia"  
**Organising entity:** CEIP San Juan Bosco e Instituto Ramón y Cajal de Investigación Sanitaria  
**End date:** 11/02/2020
- 3 **Description of the activity:** Divulgación científica: "Día Internacional de la Mujer y la Niña en la Ciencia"  
**Organising entity:** CEIP Los Ángeles  
**End date:** 06/08/2018
- 4 **Description of the activity:** Divulgación científica: "La mujer en la Ciencia"  
**Organising entity:** IES Complutense  
**End date:** 08/02/2018

## Scientific and technological experience

### Research and development groups/teams

- 1 **Name of the group:** Consorcio Ciber - Area Temática Cáncer  
**Aims of the group:** Consorcio Ciber - Area Temática Cáncer  
**Start date:** 01/01/2017
- 2 **Name of the group:** Estructura estable RETIC  
**Aims of the group:** Estructura Estable RETIC  
**Start date:** 01/01/2013 **Duration:** 4 years
- 3 **Name of the group:** Estructura estable RETIC  
**Aims of the group:** Estructura estable RETIC  
**Start date:** 01/01/2006 **Duration:** 6 years

## Scientific or technological activities

### R&D projects funded through competitive calls of public or private entities

- 1** **Name of the project:** Hacia la medicina de precisión en cáncer de colon: biomarcadores, microambiente tumoral y microbiota. S2022/BMD-7212  
**Entity where project took place:** FUNDACION INVEST. BIOMEDICA HOSPITAL UNIV. RAMON Y CAJAL  
**Name principal investigator (PI, Co-PI....):** del Campo  
**Funding entity or bodies:**  
Comunidad de Madrid **Type of entity:** Comunidad de Madrid  
**Type of participation:** Team member  
**Start-End date:** 01/01/2023 - 31/12/2026  
**Total amount:** 827.000 €
- 2** **Name of the project:** Contratos predoctorales de formación en investigación en salud - FI21/00132  
**Entity where project took place:** FUNDACION INVEST. BIOMEDICA HOSPITAL UNIV. RAMON Y CAJAL  
**Name principal investigator (PI, Co-PI....):** Cristina Peña Maroto  
**Funding entity or bodies:**  
Instituto de Salud Carlos III **Type of entity:** Public Research Body  
**Type of participation:** Principal investigator  
**Start-End date:** 19/04/2022 - 18/04/2026  
**Total amount:** 119.567 €
- 3** **Name of the project:** Plataforma biobancos y biomodelos \_ PT20/00045  
**Entity where project took place:** Hospital **Type of entity:** Healthcare Institutions  
Universitario Ramón y Cajal  
**City of entity:** Madrid, Community of Madrid, Spain  
**Name principal investigator (PI, Co-PI....):** Ana María Torres  
**Funding entity or bodies:**  
Instituto de Salud Carlos III **Type of entity:** Public Research Body  
**Type of participation:** Team member  
**Start-End date:** 01/01/2021 - 31/12/2023  
**Total amount:** 136.730 €
- 4** **Name of the project:** "Identificación de pacientes con cáncer de colon en estadio III con alto riesgo de recurrencia basado en un modelo radiómico derivado de biomarcadores del microambiente tumoral"-PI20/00602  
**Entity where project took place:** FUNDACION INVEST. BIOMEDICA HOSPITAL UNIV. RAMON Y CAJAL  
**Name principal investigator (PI, Co-PI....):** Cristina Peña; Carolina de la Pinta  
**Funding entity or bodies:**  
Instituto de Salud Carlos III **Type of entity:** Public Research Body  
**Type of participation:** Principal investigator  
**Start-End date:** 01/01/2021 - 31/12/2023  
**Total amount:** 75.020 €



- 5** **Name of the project:** H2020-WIDESPREAD-2016-2017 \_ Strategies toward scientific excellence in innovative nanotechnology-based early diagnosis and treatment of cancer  
**Entity where project took place:** FUNDACION INVEST. BIOMEDICA HOSPITAL UNIV. RAMON Y CAJAL  
**Type of participation:** Team member  
**Start-End date:** 2019 - 2022  
**Total amount:** 132.500 €
- 6** **Name of the project:** Identificación de población de alto riesgo a desarrollar un cáncer de páncreas, basada en el análisis multiparmétrico de marcadores clínicos, de biopsia líquida y técnicas de imagen.  
**Entity where project took place:** FUNDACION INVEST. BIOMEDICA HOSPITAL UNIV. RAMON Y CAJAL  
**Name principal investigator (PI, Co-PI....):** Alfredo Carrato  
**Funding entity or bodies:**  
Fundación Mutua Madrileña **Type of entity:** Foundation  
**Type of participation:** Team member  
**Start-End date:** 2019 - 2022  
**Total amount:** 100.000 €
- 7** **Name of the project:** Estudio de los efectos paracrinos de fibroblastos activos en la sensibilidad o resistencia a oxaliplatino, 5FU y cetuximab en el adenocarcinoma de colon metastásico. PI17/01847  
**Entity where project took place:** FUNDACION INVEST. BIOMEDICA HOSPITAL UNIV. RAMON Y CAJAL  
**City of entity:** Madrid, Community of Madrid, Spain  
**Name principal investigator (PI, Co-PI....):** Cristina Peña Maroto  
**Nº of researchers:** 9  
**Funding entity or bodies:**  
Instituto de Salud Carlos III **Type of entity:** Public Research Body  
**City funding entity:** Majadahonda, Community of Madrid, Spain  
**Type of participation:** Principal investigator  
**Start-End date:** 01/01/2018 - 31/12/2021  
**Total amount:** 123.420 €
- 8** **Name of the project:** Programa de aproximación a la detección precoz del cáncer de páncreas exocrino en población general de mayor riesgo, definida por criterios clínico-epidemiológicos, mediante nuevos biomarcadores en biopsia líquida y técnicas de imagen.  
**Entity where project took place:** FUNDACION INVEST. BIOMEDICA HOSPITAL UNIV. RAMON Y CAJAL  
**Name principal investigator (PI, Co-PI....):** Alfredo Carrato  
**Funding entity or bodies:**  
Asociación Cáncer de Páncreas (ACanPan) y **Type of entity:** Associations and Groups  
Asociación Española de Pancreatología (AESPANC)  
**Type of participation:** Team member  
**Start-End date:** 2019 - 2021  
**Total amount:** 77.000 €
- 9** **Name of the project:** A multifaceted approach to target pancreatic cancer\_AECC - Grupos Coordinados Estables 2016  
**Entity where project took place:** FUNDACION INVEST. BIOMEDICA HOSPITAL UNIV. RAMON Y CAJAL  
**Name principal investigator (PI, Co-PI....):** Mariano Barbacid; Alfredo Carrato; Bruno Sainz  
**Type of participation:** Team member  
**Start-End date:** 2016 - 2021  
**Total amount:** 1.200.000 €



- 10** **Name of the project:** Consorcio Ciber - Area Temática Cáncer - CB16/12/00273  
**Entity where project took place:** Instituto de Investigaciones Biomédicas Alberto Sols **Type of entity:** State agency  
**Name principal investigator (PI, Co-PI....):** Alberto Muñoz Terol  
**Funding entity or bodies:** Instituto de Salud Carlos III **Type of entity:** Public Research Body  
**City funding entity:** Majadahonda, Community of Madrid, Spain  
**Type of participation:** Team member  
**Start-End date:** 01/01/2017 - 2020
- 11** **Name of the project:** Estudio de los mecanismos pro-tumorigénicos derivados de la expresión de SNAI1 en fibroblastos asociados a cáncer de colon y su potencial de aplicabilidad. PI12/02037  
**Entity where project took place:** FUNDACION DE INVESTIGACION HOSPITAL UNIVERSITARIO PUERTA DE HIERRO  
**Name principal investigator (PI, Co-PI....):** Cristina Peña Maroto  
**Funding entity or bodies:** Instituto de Salud Carlos III **Type of entity:** Public Research Body  
**City funding entity:** Majadahonda, Community of Madrid, Spain  
**Type of participation:** Principal investigator  
**Start-End date:** 01/01/2013 - 30/06/2017  
**Total amount:** 127.050 €
- 12** **Name of the project:** Convocatoria de RETICS 2012. Red Temática de Investigación Cooperativa en Cáncer. RD12/0036/0041  
**Entity where project took place:** FUNDACION DE INVESTIGACION HOSPITAL UNIVERSITARIO PUERTA DE HIERRO  
**Name principal investigator (PI, Co-PI....):** Cristina Peña Maroto; Félix Bonilla Velasco  
**Funding entity or bodies:** Instituto de Salud Carlos III **Type of entity:** Public Research Body  
**City funding entity:** Majadahonda, Community of Madrid, Spain  
**Type of participation:** Principal investigator  
**Start-End date:** 01/01/2013 - 31/12/2016  
**Total amount:** 308.000 €  
**Applicant's contribution:** Nombre del programa: Convocatoria de RETICS 2012. Red Temática de Investigación Cooperativa en Cáncer. RD12/0036/0041 Personal contratado - Investigador Predoctoral: Alberto Herrera Tejero - Técnico de laboratorio: Beatriz Gil Calderón Agencia financiadora: Instituto de Salud Carlos III Duración: Enero 2013-Diciembre 2016
- 13** **Name of the project:** Transcriptome, proteome and interactome in epithelial and stromal tissue of human colon and its pathological alterations. S2010/BMD-2344  
**Entity where project took place:** FUNDACION DE INVESTIGACION HOSPITAL UNIVERSITARIO PUERTA DE HIERRO  
**Name principal investigator (PI, Co-PI....):** Cristina Peña Maroto; Félix Bonilla Velasco  
**Funding entity or bodies:** Comunidad de Madrid **Type of entity:** Body, others  
**Type of participation:** Principal investigator  
**Start-End date:** 01/01/2012 - 30/04/2016  
**Total amount:** 130.753 €



- 14** **Name of the project:** Análisis del papel del estroma en el crecimiento e invasión de carcinomas de colon: identificación, caracterización y potencial clínico de marcadores de la activación estromal. Convocatoria AECC 2009  
**Entity where project took place:** FUNDACION DE INVESTIGACION HOSPITAL UNIVERSITARIO PUERTA DE HIERRO  
**Name principal investigator (PI, Co-PI....):** Cristina Peña Maroto; Félix Bonilla Velasco  
**Funding entity or bodies:** FUNDACION CIENTIFICA ASOCIACION ESPAÑOLA CONTRA EL CANCER  
**City funding entity:** Spain  
**Type of participation:** Principal investigator  
**Start-End date:** 01/06/2010 - 30/04/2016  
**Total amount:** 1.200.000 €  
**Applicant's contribution:** Nombre del programa: Convocatoria AECC 2009 Personal contratado: - Investigador Predoctoral: Alberto Herrera Tejero (Julio 2010- Diciembre 2011) - Investigador Predoctoral: Mercedes Herrera Torres (Mayo 2013- Junio 2015) Agencia financiadora: Asociación Española Contra el Cáncer Duración: Enero 2013-Diciembre 2016
- 15** **Name of the project:** Involvement of PDGF ligand/PDGF receptor crosstalk between colon tumor cells and fibroblasts. Relevance to the outcome of colon cancer patients. Investigadora principal  
**Entity where project took place:** FUNDACION DE INVESTIGACION HOSPITAL UNIVERSITARIO PUERTA DE HIERRO  
**Name principal investigator (PI, Co-PI....):** Cristina Peña Maroto  
**Funding entity or bodies:** Instituto de Salud Carlos III  
**Type of entity:** Public Research Body  
**City funding entity:** Majadahonda, Community of Madrid, Spain  
**Type of participation:** Principal investigator  
**Start-End date:** 01/05/2010 - 30/06/2014  
**Total amount:** 45.000 €
- 16** **Name of the project:** Estudio en cáncer de colon humano de vias de activación implicadas en invasividad  
**Entity where project took place:** FUNDACION DE INVESTIGACION HOSPITAL UNIVERSITARIO PUERTA DE HIERRO  
**Name principal investigator (PI, Co-PI....):** Félix Bonilla Velasco  
**Funding entity or bodies:** Fundación Banco Santander  
**Type of participation:** Team member  
**Start-End date:** 01/01/2011 - 31/12/2013  
**Total amount:** 98.500 €
- 17** **Name of the project:** Análisis transcriptómico y proteómico de los procesos de proliferación, diferenciación y regeneración en epitelios de colon humano. P-GEN-0266-2006  
**Entity where project took place:** FUNDACION DE INVESTIGACION HOSPITAL UNIVERSITARIO PUERTA DE HIERRO  
**Name principal investigator (PI, Co-PI....):** Félix Bonilla Velasco  
**Funding entity or bodies:** Comunidad Autónoma de Madrid  
**Type of participation:** Team member  
**Start-End date:** 01/01/2007 - 31/12/2010  
**Total amount:** 120.000 €



- 18 Name of the project:** Inactivación de vías supresoras tumorales, promoción de angiogenesis e inducción de quimioresistencia por isoformas oncogénicas de P73  
**Entity where project took place:** FUNDACION DE INVESTIGACION HOSPITAL UNIVERSITARIO PUERTA DE HIERRO  
**Name principal investigator (PI, Co-PI....):** Gemma Domínguez Muñoz  
**Funding entity or bodies:**  
Instituto de Salud Carlos III **Type of entity:** Public Research Body  
**City funding entity:** Majadahonda, Community of Madrid, Spain  
**Type of participation:** Team member  
**Start-End date:** 01/01/2006 - 31/12/2008  
**Total amount:** 141,61 €
- 19 Name of the project:** Convocatoria de RETICS 2006. Red temática de Investigación Cooperativa en Cáncer. RD06/0020/0020  
**Entity where project took place:** FUNDACION DE INVESTIGACION HOSPITAL UNIVERSITARIO PUERTA DE HIERRO  
**Name principal investigator (PI, Co-PI....):** Félix Bonilla Velasco  
**Funding entity or bodies:**  
Instituto de Salud Carlos III **Type of entity:** Public Research Body  
**City funding entity:** Majadahonda, Community of Madrid, Spain  
**Type of participation:** Team member  
**Start-End date:** 01/01/2007 - 31/12/2007  
**Total amount:** 240.000 €
- 20 Name of the project:** Análisis de las formas de presentación y protección de ácidos nucleicos en plasma de pacientes con cánceres. Implicaciones prácticas  
**Entity where project took place:** FUNDACION DE INVESTIGACION HOSPITAL UNIVERSITARIO PUERTA DE HIERRO  
**Name principal investigator (PI, Co-PI....):** Félix Bonilla Velasco  
**Funding entity or bodies:**  
Fundación Mutua Madrileña de Automovilismo  
**Type of participation:** Team member  
**Start-End date:** 01/01/2006 - 31/12/2006  
**Total amount:** 98.200 €
- 21 Name of the project:** Ácidos nucleicos libres en plasma en pacientes con cáncer de mama. Estado fisico-químico.  
**Entity where project took place:** FUNDACION DE INVESTIGACION HOSPITAL UNIVERSITARIO PUERTA DE HIERRO  
**Name principal investigator (PI, Co-PI....):** Félix Bonilla Velasco  
**Funding entity or bodies:**  
Comunidad Autónoma de Madrid  
**Type of participation:** Team member  
**Start-End date:** 01/01/2005 - 31/12/2005  
**Total amount:** 15.180 €
- 22 Name of the project:** Estudio de la implicación del receptor de la vitamina D3 (VDR) y del gen SNAIL en cáncer de colon: bases para una aplicación terapéutica.  
**Entity where project took place:** FUNDACION DE INVESTIGACION HOSPITAL UNIVERSITARIO PUERTA DE HIERRO





**Name principal investigator (PI, Co-PI...):** Félix Bonilla Velasco

**Funding entity or bodies:**

Sociedad Española de Oncología Médica

**Type of participation:** Team member

**Start-End date:** 01/01/2004 - 31/12/2004

## Scientific and technological activities

### Scientific production

#### Publications, scientific and technical documents

- 1** Manuel Collado; Marién Castillo; Gemma Julio Muñoz de Mier; Carolina de la Pinta; Cristina Peña. The Diet as a Modulator of Tumor Microenvironment in Colorectal Cancer Patients. *International Journal of Molecular Sciences*. 15/04/2023. ISSN 1422-0067  
**DOI:** 10.3390/ijms24087317  
**PMID:** 37108477  
**Position of signature:** 5  
**Total no. authors:** 5  
**Impact source:** ISI  
**Impact index in year of publication:** 6,208

**Corresponding author:** Yes  
**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** Yes
- 2** Galindo-Pumariño; Collado; Castillo; Barquín; Romio; Larriba; Muñoz de Mier; Carrato; de la Pinta; Peña. SNAI1-expressing fibroblasts is suggested as predictive re-sponse biomarkers for oxaliplatin and cetuximab treatments in colorectal cancer patients. *Toxicology and Applied Pharmacology*. 1 - 450, pp. 116171. 01/09/2022.  
**DOI:** 10.1016/j.taap.2022.116171  
**PMID:** 35878797  
**Position of signature:** 9  
**Total no. authors:** 10  
**Impact source:** ISI  
**Impact index in year of publication:** 4,46 (Año 2021)

**Corresponding author:** Yes  
**Category:** Science Edition - TOXICOLOGY  
**Journal in the top 25%:** No
- 3** Carolina de la Pinta; M<sup>a</sup> Encarnación Castillo; Manuel Collado; Cristina Galindo-Pumariño; Cristina Peña. Radiogenomics, hunting down liver metastasis in colorectal cancer patients. *Cancers (Basel)*. 13 - 21, 05/11/2021.  
**DOI:** 10.3390/cancers13215547  
**PMID:** 34771709  
**Position of signature:** 5  
**Total no. authors:** 5  
**Impact source:** ISI  
**Impact index in year of publication:** 6,575 (Año 2021)

**Corresponding author:** Yes  
**Category:** Science Edition - ONCOLOGY  
**Journal in the top 25%:** Yes
- 4** Mercedes Herrera; Alberto Berral; Igor López-Cade; Cristina Galindo-Pumariño; Santiago Bueno-Fuertes; Manuel Martín-Merino; Alfredo Carrato; Alberto Ocaña; Carolina de la Pinta; Ana López-Alfonso; Cristina Peña; Vanesa García-Barberán; Javier De Las Rivas. Cancer-Associated Fibroblast-derived gene signatures determine prognosis in colon cancer patients. *MOLECULAR CANCER*. 20 - 1, 29/04/2021.  
**DOI:** 10.1186/s12943-021-01367-x



**PMID:** 33926453

**Position of signature:** 11

**Total no. authors:** 13

**Impact source:** ISI

**Impact index in year of publication:** 41,444 (Año 2021) **Journal in the top 25%:** Yes

**Corresponding author:** Yes

**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

- 5** Cristina Galindo-Pumariño; Manuel Collado; Mercedes Herrera; Cristina Peña. Tumor Microenvironment in Metastatic Colorectal Cancer: the Arbitrator in Patients' Outcome. *Cancers* (Basel). 06/03/2021.

**DOI:** 10.3390/cancers13051130

**PMID:** PMID: 33800796

**Position of signature:** 4

**Total no. authors:** 4

**Impact source:** ISI

**Impact index in year of publication:** 6,575 (Año 2021) **Journal in the top 25%:** Yes

**Corresponding author:** Yes

**Category:** Science Edition - ONCOLOGY

- 6** Carlos Llorens; Beatriz Soriano; Lucía Trilla-Fuertes; Leticia Bagan; Ricardo Ramos-Ruiz; Angelo Gamez-Pozo; Cristina Peña; Jose V. Bagan. Immune expression profile identification in a group of proliferative verrucous leukoplakia patients: a pre-cancer niche for oral squamous cell carcinoma development. *Clinical Oral Investigations*. 11/09/2020.

**DOI:** 10.1007/s00784-020-03575-z

**PMID:** 32918120

**Position of signature:** 7

**Total no. authors:** 8

**Impact source:** ISI

**Impact index in year of publication:** 3,606 (Año 2021) **Journal in the top 25%:** No

**Corresponding author:** Yes

**Category:** Science Edition - DENTISTRY, ORAL SURGERY & MEDICINE

- 7** Cristina Galindo Pumariño; Alberto Herrera; Alberto Muñoz; Alfredo Carrato; Mercedes Herrera; Cristina Peña. Fibroblast-Derived 3D Matrix System Applicable to Endothelial Tube Formation Assay. *Journal of visualized experiments : JoVE*. 26/12/2019. ISSN 1940-087X

**Position of signature:** 6

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 1,424 (Año 2021) **Journal in the top 25%:** No

**Corresponding author:** Yes

**Category:** Science Edition - MULTIDISCIPLINARY SCIENCES

- 8** Mercedes Herrera; Cristina Galindo Pumariño; Vanesa García Barberán; Cristina Peña. A Snapshot of The Tumor Microenvironment in Colorectal Cancer: The Liquid Biopsy. *International journal of molecular sciences*. 20 - 23, (Switzerland): 29/11/2019. ISSN 1422-0067

**DOI:** 10.3390/ijms20236016

**PMID:** 31795332

**Position of signature:** 4

**Total no. authors:** 4

**Impact source:** ISI

**Impact index in year of publication:** 6,208 (Año 2021) **Journal in the top 25%:** Yes

**Corresponding author:** Yes

**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY



- 9** Glauben Landskron; Marjorie De la Fuente López; Karen Dubois Camacho; David Díaz Jiménez; Octavio Orellana Serradell; Diego Romero; Santiago A Sepúlveda; Christian Salazar; Daniela Parada Venegas; Rodrigo Quera; Daniela Simian; María-Julieta González; Udo Kronberg; Mario Abedrapo; Iván Gallegos; Héctor R Contreras; Cristina Peña; Guillermo Díaz Araya; Juan Carlos Roa; Marcela A Hermoso. Interleukin 33/ST2 Axis Components Are Associated to Desmoplasia, a Metastasis-Related Factor in Colorectal Cancer. *Frontiers in immunology*. 10, pp. 1394. (Switzerland): 2019. ISSN 1664-3224  
**Position of signature:** 17  
**Total no. authors:** 20  
**Impact source:** ISI **Category:** Science Edition - IMMUNOLOGY  
**Impact index in year of publication:** 8,786 (Año 2021) **Journal in the top 25%:** Yes
- 10** Alberto Herrera; Mercedes Herrera; Natalia Guerra-Perez; Cristina Galindo-Pumariño; María Jesús Larriba; Vanesa García; Beatriz Gil; Sara Giménez-Moyano; Reyes Ferreiro-Monteagudo; Pilar Veguillas; Antonio Candia; Raúl Peña; Jesús Pinto; María Laura García Bermejo; Alberto Muñoz; Antonio García de Herreros; Félix Bonilla; Alfredo Carrato; Cristina Peña. Endothelial cell activation on 3D-matrices derived from PDGF-BB-stimulated fibroblasts is mediated by Snail1. *Oncogenesis*. 7 - 9, pp. 76. 24/09/2018.  
**DOI:** 10.1038/s41389-018-0085-z  
**PMID:** 30250018  
**Position of signature:** 19  
**Total no. authors:** 19 **Corresponding author:** Yes  
**Impact source:** ISI **Category:** Science Edition - ONCOLOGY  
**Impact index in year of publication:** 6,524 (Año 2021) **Journal in the top 25%:** Yes
- 11** Herrera, Mercedes; Llorens, Carlos; Rodriguez, Marta; Herrera, Alberto; Ramos, Ricardo; Gil, Beatriz; Candia, Antonio; Jesus Larriba, Maria; Garre, Pilar; Earl, Julie; Rodriguez-Garrote, Mercedes; Caldes, Trinidad; Bonilla, Felix; Carrato, Alfredo; Garcia-Barberan, Vanesa; Pena, Cristina. Differential distribution and enrichment of non-coding RNAs in exosomes from normal and Cancer-associated fibroblasts in colorectal cancer. *MOLECULAR CANCER*. 17, BMC, 03/08/2018. ISSN 1476-4598  
**DOI:** 10.1186/s12943-018-0863-4  
**PMID:** 30075793  
**Position of signature:** 16  
**Total no. authors:** 16 **Corresponding author:** Yes  
**Impact source:** ISI **Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 41,444 (Año 2021) **Journal in the top 25%:** Yes
- 12** Gemma Ferrer Mayorga; Gonzalo Gómez López; Antonio Barbáchano; Asunción Fernández Barral; Cristina Peña; David G Pisano; Ramón Cantero; Federico Rojo; Alberto Muñoz; María Jesús Larriba. Vitamin D receptor expression and associated gene signature in tumour stromal fibroblasts predict clinical outcome in colorectal cancer. *Gut*. 01/08/2017. ISSN 1468-3288  
**DOI:** 10.1136/gutjnl-2015-310977  
**PMID:** 27053631  
**Position of signature:** 5  
**Total no. authors:** 10  
**Impact source:** ISI **Category:** Science Edition - GASTROENTEROLOGY & HEPATOLOGY  
**Impact index in year of publication:** 31,793 (Año 2021) **Journal in the top 25%:** Yes



- 13** Lorena Alba Castellón; Rubén Olivera Salguero; Aida Mestre Farrera; Raúl Peña; Mercedes Herrera; Félix Bonilla; J Ignacio Casal; Josep Baulida; Cristina Peña; Antonio García de Herreros. Snail1-Dependent Activation of Cancer-Associated Fibroblast Controls Epithelial Tumor Cell Invasion and Metastasis. *Cancer research*. 76 - 21, pp. 6205 - 6217. 01/11/2016. ISSN 1538-7445  
**DOI:** 10.1158/0008-5472.CAN-16-0176  
**PMID:** PMID: 27503928  
**Position of signature:** 9  
**Total no. authors:** 10  
**Impact source:** ISI **Category:** Science Edition - ONCOLOGY  
**Impact index in year of publication:** 13,312 (Año 2021) **Journal in the top 25%:** Yes
- 14** I García Palmero; S Torres; R A Bartolomé; A Peláez García; M J Larriba; M Lopez Lucendo; C Peña; B Escudero Paniagua; A Muñoz; J I Casal. Twist1-induced activation of human fibroblasts promotes matrix stiffness by upregulating palladin and collagen  $\alpha 1(VI)$ . *Oncogene*. 35 - 40, pp. 5224 - 5236. 06/10/2016. ISSN 1476-5594  
**DOI:** 10.1038/onc.2016.57  
**PMID:** 26973246  
**Position of signature:** 7  
**Total no. authors:** 10  
**Impact source:** ISI **Category:** Science Edition - GENETICS & HEREDITY  
**Impact index in year of publication:** 8,756 (Año 2021) **Journal in the top 25%:** Yes
- 15** Mercedes Herrera Torres; Alberto Herrera Tejero; M<sup>a</sup> Jesús Larriba; Gemma Ferrer Mayorga; Antonio García de Herreros; Félix Bonilla Velasco; Josep Baullida; Cristina Peña Maroto. Colon Cancer-associated Fibroblast Establishment And Culture Growth. *Bio-protocol*. 04/05/2016. Available on-line at: <<http://www.bio-protocol.org/e1773>>.  
**Position of signature:** 8  
**Total no. authors:** 8 **Corresponding author:** Yes
- 16** A Herrera; M Herrera; C Peña. The emerging role of Snail1 in the tumor stroma. *Clinical & translational oncology* : official publication of the Federation of Spanish Oncology Societies and of the National Cancer Institute of Mexico. 21/12/2015. ISSN 1699-3055  
**Position of signature:** 3  
**Total no. authors:** 3 **Corresponding author:** Yes  
**Impact source:** ISI **Category:** Science Edition - ONCOLOGY  
**Impact index in year of publication:** 3,34 (Año 2021) **Journal in the top 25%:** No
- 17** Marta Rodríguez; Javier Silva; Alberto Herrera; Mercedes Herrera; Cristina Peña; Paloma Martín; Beatriz Gil Calderón; María Jesús Larriba; M Jesús Coronado; Beatriz Soldevilla; Víctor S Turrión; Mariano Provencio; Antonio Sánchez; Félix Bonilla; Vanesa García Barberán. Exosomes enriched in stemness/metastatic-related mRNAs promote oncogenic potential in breast cancer. *Oncotarget*. 6 - 38, pp. 40575 - 40662. 01/12/2015. ISSN 1949-2553  
**Position of signature:** 5  
**Total no. authors:** 15  
**Impact source:** ISI **Category:** Science Edition - ONCOLOGY  
**Impact index in year of publication:** 5,168 (Año 2016)
- 18** Sofía Torres; Irene Garcia Palmero; Mercedes Herrera; Rubén A Bartolomé; Cristina Peña; M Jesús Fernandez Aceñero; Guillermo Padilla; Alberto Peláez García; María Lopez Lucendo; Rufo Rodríguez Merlo; Antonio García de Herreros; Félix Bonilla; J Ignacio Casal. LOXL2 Is Highly Expressed in Cancer-Associated Fibroblasts and



Associates to Poor Colon Cancer Survival. *Clinical cancer research : an official journal of the American Association for Cancer Research*. 21 - 21, pp. 4892 - 5794. 01/11/2015. ISSN 1078-0432

**Position of signature:** 5

**Total no. authors:** 13

**Impact source:** ISI

**Category:** Science Edition - ONCOLOGY

**Impact index in year of publication:** 13,801 (Año 2021) **Journal in the top 25%:** Yes

- 19** Coral San Millán; Beatriz Soldevilla; Paloma Martín; Beatriz Gil Calderón; Marta Compte; Belén Pérez Sacristán; Encarnación Donoso; Cristina Peña; Jesús Romero; Fernando Granado Lorencio; Félix Bonilla; Gemma Domínguez. ?-Cryptoxanthin Synergistically Enhances the Antitumoral Activity of Oxaliplatin through ?NP73 Negative Regulation in Colon Cancer. *Clinical cancer research : an official journal of the American Association for Cancer Research*. 21 - 19, pp. 4398 - 4807. 01/10/2015. ISSN 1078-0432

**Position of signature:** 8

**Total no. authors:** 12

**Impact source:** ISI

**Category:** Science Edition - ONCOLOGY

**Impact index in year of publication:** 13,801 (Año 2021) **Journal in the top 25%:** Yes

- 20** Alberto Herrera Tejero; Mercedes Herrera Torres; Félix Bonilla Velasco; Antonio García de Herreros; Cristina Peña Maroto. Snail1-expressing fibroblasts as a source of paracrine signals in colon cancer tumors. *Cancer Cell & Microenvironment*. 25/12/2014. Available on-line at: <<https://www.smartscitech.com/index.php/CCM/article/view/1004>>.

**Position of signature:** 5

**Total no. authors:** 5

**Corresponding author:** Yes

- 21** Jelena Stanisavljevic; Jordina Loubat-Casanovas; Mercedes Herrera Torres; Tomás Luque; Raúl Peña; Ana Lluch; Joan Albanell; Félix Bonilla Velasco; Ana Rovira; Cristina Peña; Daniel Navajas; Federico Rojo; Antonio García de Herreros; Josep Baulida. Snail1-Expressing Fibroblasts in the Tumor Microenvironment Display Mechanical Properties That Support Metastasis. *Cancer Research*. 75 - 2, pp. 284 - 295. 08/12/2014.

**Position of signature:** 10

**Total no. authors:** 14

**Impact source:** ISI

**Category:** Science Edition - ONCOLOGY

**Impact index in year of publication:** 13,312 (Año 2021) **Journal in the top 25%:** Yes

- 22** Alberto Herrera; Mercedes Herrera; Lorena Alba Castellón; Javier Silva; Vanesa García; Jordina Loubat Casanovas; Ana Alvarez Cienfuegos; José Miguel García; Rufo Rodríguez; Beatriz Gil; Ma Jesús Citores; Ma Jesús Larriba; J Ignacio Casal; Antonio García de Herreros; Félix Bonilla; Cristina Peña. Protumorigenic effects of Snail-expression fibroblasts on colon cancer cells. *International journal of cancer. Journal international du cancer*. 134 - 12, pp. 2984 - 3074. 15/06/2014. ISSN 1097-0215

**DOI:** 10.1002/ijc.28613

**PMID:** 24242829

**Position of signature:** 16

**Total no. authors:** 16

**Corresponding author:** Yes

**Impact source:** ISI

**Category:** Science Edition - ONCOLOGY

**Impact index in year of publication:** 7,316 (Año 2021) **Journal in the top 25%:** Yes

- 23** Marta Rodríguez; Javier Silva; Ana López Alfonso; María Belen López Muñiz; Cristina Peña; Gemma Domínguez; Jose Miguel García; Ana López González; Miriam Méndez; Mariano Provencio; Vanesa García; Félix Bonilla. Different exosome cargo from plasma/bronchoalveolar lavage in non-small-cell lung cancer. *Genes, chromosomes & cancer*. 25/04/2014. ISSN 1098-2264

**Position of signature:** 5

**Total no. authors:** 12**Impact source:** ISI**Category:** Science Edition - GENETICS & HEREDITY**Impact index in year of publication:** 4,263 (Año 2021) **Journal in the top 25%:** No

- 24** Mercedes Herrera; Abul B M M K Islam; Alberto Herrera; Paloma Martín; Vanesa García; Javier Silva; Jose M Garcia; Clara Salas; Ignacio Casal; Antonio García de Herreros; Félix Bonilla; Cristina Peña. Functional heterogeneity of cancer-associated fibroblasts from human colon tumors shows specific prognostic gene expression signature. *Clinical cancer research : an official journal of the American Association for Cancer Research*. 19 - 21, pp. 5914 - 5940. 01/11/2013. ISSN 1078-0432

**DOI:** 10.1158/1078-0432.CCR-13-0694**PMID:** 24052018**Position of signature:** 12**Total no. authors:** 12**Corresponding author:** Yes**Impact source:** ISI**Category:** Science Edition - ONCOLOGY**Impact index in year of publication:** 13,801 (Año 2021) **Journal in the top 25%:** Yes

- 25** Sofia Torres; Rubén A Bartolomé; Marta Mendes; Rodrigo Barderas; M Jesús Fernandez Aceñero; Alberto Peláez García; Cristina Peña; María Lopez Lucendo; Roi Villar Vázquez; Antonio García de Herreros; Felix Bonilla; J Ignacio Casal. Proteome profiling of cancer-associated fibroblasts identifies novel proinflammatory signatures and prognostic markers for colorectal cancer. *Clinical cancer research : an official journal of the American Association for Cancer Research*. 19 - 21, pp. 6006 - 6025. 01/11/2013. ISSN 1078-0432

**Position of signature:** 7**Total no. authors:** 12**Impact source:** ISI**Category:** Science Edition - ONCOLOGY**Impact index in year of publication:** 13,801 (Año 2021) **Journal in the top 25%:** Yes

- 26** Oliver Frings; Martin Augsten; Nicholas P Tobin; Joseph Carlson; Janna Paulsson; Cristina Pena; Eleonor Olsson; Srinivas Veerla; Jonas Bergh; Arne Ostman; Erik L L Sonnhammer. Prognostic significance in breast cancer of a gene signature capturing stromal PDGF signaling. *The American journal of pathology*. 182 - 6, pp. 2037 - 2084. 06/2013. ISSN 1525-2191

**Position of signature:** 6**Total no. authors:** 11**Impact source:** ISI**Category:** Science Edition - PATHOLOGY**Impact index in year of publication:** 5,77 (Año 2021) **Journal in the top 25%:** Yes

- 27** Mercedes Herrera; Alberto Herrera; Gemma Domínguez; Javier Silva; Vanesa García; José M García; Irene Gómez; Beatriz Soldevilla; Concepción Muñoz; Mariano Provencio; Yolanda Campos Martin; Antonio García de Herreros; Ignacio Casal; Félix Bonilla; Cristina Peña. Cancer-associated fibroblast and M2 macrophage markers together predict outcome in colorectal cancer patients. *Cancer science*. 104 - 4, pp. 437 - 481. 04/2013. ISSN 1349-7006

**Position of signature:** 15**Total no. authors:** 15**Corresponding author:** Yes**Impact source:** ISI**Category:** Science Edition - ONCOLOGY**Impact index in year of publication:** 6,518 (Año 2021) **Journal in the top 25%:** No

- 28** Cristina Peña; María Virtudes Céspedes; Maja Bradic Lindh; Sara Kiflemariam; Artur Mezheyeuski; Per-Henrik Edqvist; Christina Hägglöf; Helgi Birgisson; Linda Bojmar; Karin Jirstrom; Per Sandstrom; Eleonor Olsson; Srinivas Veerla; Alberto Gallardo; Tobias Sjöblom; Andy C-M Chang; Roger R Reddel; Ramón Mangués; Martin Augsten; Arne Ostman. STC1 expression by cancer-associated fibroblasts drives metastasis of colorectal cancer. *Cancer research*. 73 - 4, pp. 1287 - 1384. 15/02/2013. ISSN 1538-7445

**Position of signature:** 1**Total no. authors:** 20**Impact source:** ISI**Category:** Science Edition - ONCOLOGY**Impact index in year of publication:** 13,312 (Año 2021) **Journal in the top 25%:** Yes

- 29** J Silva; V García; M Rodríguez; M Compte; E Cisneros; P Veguillas; J M García; G Dominguez; Y Campos Martín; J Cuevas; C Peña; M Herrera; R Díaz; N Mohammed; F Bonilla. Analysis of exosome release and its prognostic value in human colorectal cancer. *Genes, chromosomes & cancer*. 51 - 4, pp. 409 - 427. 04/2012. ISSN 1098-2264
- Impact source:** ISI **Category:** Science Edition - GENETICS & HEREDITY
- Impact index in year of publication:** 4,263 (Año 2021) **Journal in the top 25%:** No

- 30** Beatriz Soldevilla; Raquel Díaz; Javier Silva; Yolanda Campos Martín; Concepción Muñoz; Vanesa García; José M García; Cristina Peña; Mercedes Herrera; Marta Rodríguez; Irene Gómez; Nagat Mohamed; Margarita M Marques; Félix Bonilla; Gemma Domínguez. Prognostic impact of ?TAp73 isoform levels and their target genes in colon cancer patients. *Clinical cancer research : an official journal of the American Association for Cancer Research*. 17 - 18, pp. 6029 - 6068. 15/09/2011. ISSN 1078-0432
- Impact source:** ISI **Category:** Science Edition - ONCOLOGY
- Impact index in year of publication:** 13,801 (Año 2021) **Journal in the top 25%:** Yes

- 31** N Mohammed; M Rodríguez; V García; J M García; G Dominguez; C Peña; M Herrera; I Gomez; R Díaz; B Soldevilla; A Herrera; J Silva; F Bonilla. EPAS1 mRNA in plasma from colorectal cancer patients is associated with poor outcome in advanced stages. *Oncology letters*. 2 - 4, pp. 719 - 1443. 07/2011. ISSN 1792-1074
- Impact source:** ISI **Category:** Science Edition - ONCOLOGY
- Impact index in year of publication:** 3,111 (Año 2021) **Journal in the top 25%:** No

- 32** J Silva; V García; Á Zaballos; M Provencio; L Lombardía; L Almonacid; J M García; G Domínguez; C Peña; R Díaz; M Herrera; A Varela; F Bonilla. Vesicle-related microRNAs in plasma of nonsmall cell lung cancer patients and correlation with survival. *The European respiratory journal*. 37 - 3, pp. 617 - 640. (Switzerland): 03/2011. ISSN 1399-3003
- Impact source:** ISI **Category:** Science Edition - RESPIRATORY SYSTEM
- Impact index in year of publication:** 33,795 (Año 2021) **Journal in the top 25%:** Yes

- 33** Irene Gomez; Cristina Peña; Mercedes Herrera; Concepción Muñoz; Maria Jesus Larriba; Vanesa García; Gemma Dominguez; Javier Silva; Rufo Rodríguez; Antonio Garcia de Herreros; Felix Bonilla; Jose M Garcia. TWIST1 is expressed in colorectal carcinomas and predicts patient survival. *PloS one*. 6 - 3, pp. e18023. 2011. ISSN 1932-6203
- Impact source:** ISI **Category:** Science Edition - MULTIDISCIPLINARY SCIENCES
- Impact index in year of publication:** 3,752 (Año 2021) **Journal in the top 25%:** No

- 34** Raquel Díaz; José M González Sancho; Beatriz Soldevilla; Javier Silva; José M García; Vanesa García; Cristina Peña; Mercedes Herrera; Irene Gómez; Félix Bonilla; Gemma Domínguez. Differential regulation of TP73 isoforms by 1?,25-dihydroxyvitamin D3 and survivin in human colon and breast carcinomas. *Genes, chromosomes & cancer*. 49 - 12, pp. 1135 - 1177. 12/2010. ISSN 1098-2264
- Impact source:** ISI **Category:** Science Edition - GENETICS & HEREDITY
- Impact index in year of publication:** 4,263 (Año 2021) **Journal in the top 25%:** No

- 35** Daniel Hägerstrand; Maja Bradic Lindh; Cristina Peña; Carlos Garcia Echeverria; Monica Nistér; Francesco Hofmann; Arne Ostman. PI3K/PTEN/Akt pathway status affects the sensitivity of high-grade glioma cell cultures to the insulin-like growth factor-1 receptor inhibitor NVP-AEW541. *Neuro-oncology*. 12 - 9, pp. 967 - 1042. 09/2010. ISSN 1523-5866  
**Impact source:** ISI **Category:** Science Edition - CLINICAL NEUROLOGY  
**Impact index in year of publication:** 13,029 (Año 2021) **Journal in the top 25%:** Yes
- 36** Roy-Akira Saito; Patrick Micke; Janna Paulsson; Martin Augsten; Cristina Peña; Per Jönsson; Johan Botling; Karolina Edlund; Leif Johansson; Peter Carlsson; Karin Jirstrom; Kohei Miyazono; Arne Ostman. Forkhead box F1 regulates tumor-promoting properties of cancer-associated fibroblasts in lung cancer. *Cancer research*. 70 - 7, pp. 2644 - 2698. 01/04/2010. ISSN 1538-7445  
**Impact source:** ISI **Category:** Science Edition - ONCOLOGY  
**Impact index in year of publication:** 13,312 (Año 2021) **Journal in the top 25%:** Yes
- 37** Martin Augsten; Christina Hägglöf; Cristina Peña; Arne Ostman. A digest on the role of the tumor microenvironment in gastrointestinal cancers. *Cancer microenvironment : official journal of the International Cancer Microenvironment Society*. 3 - 1, pp. 167 - 243. 2010. ISSN 1875-2284  
**Impact source:** ISI **Category:** Science Edition - ONCOLOGY  
**Impact index in year of publication:** 2,6 (Año 2019) **Journal in the top 25%:** No
- 38** C Peña; J M García; M J Larriba; R Barderas; I Gómez; M Herrera; V García; J Silva; G Domínguez; R Rodríguez; J Cuevas; A G de Herreros; J I Casal; A Muñoz; F Bonilla. SNAI1 expression in colon cancer related with CDH1 and VDR downregulation in normal adjacent tissue. *Oncogene*. 28 - 49, pp. 4375 - 4460. 10/12/2009. ISSN 1476-5594  
**Position of signature:** 1  
**Total no. authors:** 15  
**Impact source:** ISI **Category:** Science Edition - GENETICS & HEREDITY  
**Impact index in year of publication:** 8,756 (Año 2021) **Journal in the top 25%:** Yes
- 39** Mercedes Herrera; Gemma Dominguez; Jose M Garcia; Cristina Peña; Carmen Jimenez; Javier Silva; Vanesa Garcia; Irene Gomez; Raquel Diaz; Paloma Martin; Felix Bonilla. Differences in repair of DNA cross-links between lymphocytes and epithelial tumor cells from colon cancer patients measured in vitro with the comet assay. *Clinical cancer research : an official journal of the American Association for Cancer Research*. 15 - 17, pp. 5466 - 5538. 01/09/2009. ISSN 1078-0432  
**Impact source:** ISI **Category:** Science Edition - ONCOLOGY  
**Impact index in year of publication:** 13,801 (Año 2021) **Journal in the top 25%:** Yes
- 40** Yolanda Lorenzo; Mariano Provencio; Luís Lombardía; Raquel Díaz; Javier Silva; Mercedes Herrera; Jose M García; Cristina Peña; Vanesa García; Jesús Romero; Gemma Domínguez; Félix Bonilla. Differential genetic and functional markers of second neoplasias in Hodgkin's disease patients. *Clinical cancer research : an official journal of the American Association for Cancer Research*. 15 - 15, pp. 4823 - 4831. 01/08/2009. ISSN 1078-0432  
**Impact source:** ISI **Category:** Science Edition - ONCOLOGY  
**Impact index in year of publication:** 13,801 (Año 2021) **Journal in the top 25%:** Yes
- 41** Silvia Alvarez Díaz; Noelia Valle; José Miguel García; Cristina Peña; José M P Freije; Víctor Quesada; Aurora Astudillo; Félix Bonilla; Carlos López Otín; Alberto Muñoz. Cystatin D is a candidate tumor suppressor gene induced by vitamin D in human colon cancer cells. *The Journal of clinical investigation*. 119 - 8, pp. 2343 - 2401. 08/2009. ISSN 1558-8238  
**Impact source:** ISI





**Category:** Science Edition - MEDICINE, RESEARCH & EXPERIMENTAL

**Impact index in year of publication:** 19,456 (Año 2021) **Journal in the top 25%:** Yes

- 42** María Jesús Larriba; Ester Martín Villar; José Miguel García; Fabio Pereira; Cristina Peña; Antonio García de Herrerros; Félix Bonilla; Alberto Muñoz. Snail2 cooperates with Snail1 in the repression of vitamin D receptor in colon cancer. *Carcinogenesis*. 30 - 8, pp. 1459 - 1527. 08/2009. ISSN 1460-2180

**Impact source:** ISI

**Category:** Science Edition - ONCOLOGY

**Impact index in year of publication:** 4,741 (Año 2021) **Journal in the top 25%:** No

- 43** Vanesa Garcia; Jose Miguel Garcia; Javier Silva; Paloma Martin; Cristina Peña; Gemma Dominguez; Raquel Diaz; Mercedes Herrera; Constanza Maximiano; Pilar Sabin; Antonio Rueda; Miguel Angel Cruz; Jose Rodriguez; Miguel Angel Canales; Felix Bonilla; Mariano Provencio. Extracellular tumor-related mRNA in plasma of lymphoma patients and survival implications. *PLoS one*. 4 - 12, pp. e8173. 2009. ISSN 1932-6203

**Impact source:** ISI

**Category:** Science Edition - MULTIDISCIPLINARY SCIENCES

**Impact index in year of publication:** 3,752 (Año 2021) **Journal in the top 25%:** No

- 44** Vanesa Garcia; Jose M Garcia; Javier Silva; Cristina Peña; Gemma Dominguez; Yolanda Lorenzo; Raquel Diaz; Isabel Alonso; Antonio Colas; Alicia Hurtado; Antonio Sanchez; Felix Bonilla. Levels of VEGF-A mRNA in plasma from patients with colorectal carcinoma as possible surrogate marker of angiogenesis. *Journal of cancer research and clinical oncology*. 134 - 11, pp. 1165 - 1236. (Germany): 11/2008. ISSN 1432-1335

**Impact source:** ISI

**Category:** Science Edition - ONCOLOGY

**Impact index in year of publication:** 4,322 (Año 2021) **Journal in the top 25%:** No

- 45** Raquel Díaz; Cristina Peña; Javier Silva; Yolanda Lorenzo; Vanesa García; José M García; Antonio Sánchez; Pablo Espinosa; Rosario Yuste; Félix Bonilla; Gemma Domínguez. p73 Isoforms affect VEGF, VEGF165b and PEDF expression in human colorectal tumors: VEGF165b downregulation as a marker of poor prognosis. *International journal of cancer. Journal international du cancer*. 123 - 5, pp. 1060 - 1067. 01/09/2008. ISSN 1097-0215

**Impact source:** ISI

**Category:** Science Edition - ONCOLOGY

**Impact index in year of publication:** 7,316 (Año 2021) **Journal in the top 25%:** Yes

- 46** Raquel Díaz; Javier Silva; José M García; Yolanda Lorenzo; Vanesa García; Cristina Peña; Rufo Rodríguez; Concepción Muñoz; Fernando García; Félix Bonilla; Gemma Domínguez. Deregulated expression of miR-106a predicts survival in human colon cancer patients. *Genes, chromosomes & cancer*. 47 - 9, pp. 794 - 1596. 09/2008. ISSN 1098-2264

**Impact source:** ISI

**Category:** Science Edition - GENETICS & HEREDITY

**Impact index in year of publication:** 4,263 (Año 2021) **Journal in the top 25%:** No

- 47** N Pendás Franco; J M García; C Peña; N Valle; H G Pálmer; M Heinäniemi; C Carlberg; B Jiménez; F Bonilla; A Muñoz; J M González Sancho. DICKKOPF-4 is induced by TCF/beta-catenin and upregulated in human colon cancer, promotes tumour cell invasion and angiogenesis and is repressed by 1alpha,25-dihydroxyvitamin D3. *Oncogene*. 27 - 32, pp. 4467 - 4544. 24/07/2008. ISSN 1476-5594

**Impact source:** ISI

**Category:** Genetics (clinical)

**Impact index in year of publication:** 8,756 (Año 2021) **Journal in the top 25%:** Yes



- 48** José Miguel García; Vanesa García; Cristina Peña; Gemma Domínguez; Javier Silva; Raquel Díaz; Pablo Espinosa; María Jesús Citores; Manuel Collado; Félix Bonilla. Extracellular plasma RNA from colon cancer patients is confined in a vesicle-like structure and is mRNA-enriched. *RNA* (New York, N.Y.). 14 - 7, pp. 1424 - 1456. 07/2008. ISSN 1469-9001  
**Impact source:** ISI **Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 5,636 (Año 2021) **Journal in the top 25%:** No
- 49** Vanesa García; José M García; Cristina Peña; Javier Silva; Gemma Domínguez; Yolanda Lorenzo; Raquel Díaz; Pablo Espinosa; Javier García de Sola; Blanca Cantos; Félix Bonilla. Free circulating mRNA in plasma from breast cancer patients and clinical outcome. *Cancer letters*. 263 - 2, pp. 312 - 332. 18/05/2008. ISSN 0304-3835  
**Impact source:** ISI **Category:** Science Edition - ONCOLOGY  
**Impact index in year of publication:** 9,756 (Año 2021) **Journal in the top 25%:** Yes
- 50** Manuel Beltran; Isabel Puig; Cristina Peña; José Miguel García; Ana Belén Alvarez; Raúl Peña; Félix Bonilla; Antonio García de Herreros. A natural antisense transcript regulates Zeb2/Sip1 gene expression during Snail1-induced epithelial-mesenchymal transition. *Genes & development*. 22 - 6, pp. 756 - 825. 15/03/2008. ISSN 0890-9369  
**Impact source:** ISI **Category:** Science Edition - GENETICS & HEREDITY  
**Impact index in year of publication:** 12,89 (Año 2021) **Journal in the top 25%:** Yes
- 51** José M García; Cristina Peña; Vanesa García; Gemma Domínguez; Concepción Muñoz; Javier Silva; Isabel Millán; Raquel Díaz; Yolanda Lorenzo; Rufo Rodríguez; Félix Bonilla. Prognostic value of LISCH7 mRNA in plasma and tumor of colon cancer patients. *Clinical cancer research : an official journal of the American Association for Cancer Research*. 13 - 21, pp. 6351 - 6359. 01/11/2007. ISSN 1078-0432  
**Position of signature:** 1  
**Total no. authors:** 11  
**Impact source:** ISI **Category:** Science Edition - ONCOLOGY  
**Impact index in year of publication:** 13,801 (Año 2021) **Journal in the top 25%:** Yes
- 52** Oscar Aguilera; Cristina Peña; José Miguel García; María Jesús Larriba; Paloma Ordóñez Morán; Diego Navarro; Antonio Barbáchano; Isabel López de Silanes; Esteban Ballestar; Mario F Fraga; Manel Esteller; Carlos Gamallo; Félix Bonilla; José Manuel González Sancho; Alberto Muñoz. The Wnt antagonist DICKKOPF-1 gene is induced by 1 $\alpha$ ,25-dihydroxyvitamin D3 associated to the differentiation of human colon cancer cells. *Carcinogenesis*. 28 - 9, pp. 1877 - 1961. 09/2007. ISSN 0143-3334  
**Impact source:** ISI **Category:** Science Edition - ONCOLOGY  
**Impact index in year of publication:** 4,741 (Año 2021) **Journal in the top 25%:** No
- 53** Javier Silva; Vanesa García; José M García; Cristina Peña; Gemma Domínguez; Raquel Díaz; Yolanda Lorenzo; Alicia Hurtado; Antonio Sánchez; Félix Bonilla. Circulating Bmi-1 mRNA as a possible prognostic factor for advanced breast cancer patients. *Breast cancer research : BCR*. 9 - 4, pp. R55. 2007. ISSN 1465-542X  
**Impact source:** ISI **Category:** Science Edition - ONCOLOGY  
**Impact index in year of publication:** 8,408 (Año 2021) **Journal in the top 25%:** Yes
- 54** Javier Silva; José M García; Cristina Peña; Vanesa García; Gemma Domínguez; Dolores Suárez; Francisca I Camacho; Ruth Espinosa; Mariano Provencio; Pilar España; Félix Bonilla. Implication of polycomb members Bmi-1, Mel-18, and Hpc-2 in the regulation of p16INK4a, p14ARF, h-TERT, and c-Myc expression in primary breast carcinomas. *Clinical cancer research : an official journal of the American Association for Cancer Research*. 12 - 23, pp. 6929 - 6965. 01/12/2006. ISSN 1078-0432

**Impact source:** ISI**Category:** Science Edition - ONCOLOGY**Impact index in year of publication:** 13,801 (Año 2021) **Journal in the top 25%:** Yes

- 55** G Domínguez; C Peña; J Silva; J M García; V García; R Rodríguez; B Cantos; M J Citores; P España; F Bonilla. The presence of an intronic deletion in p73 and high levels of ZEB1 alter the TAp73/DeltaTAp73 ratio in colorectal carcinomas. *The Journal of pathology*. 210 - 4, pp. 390 - 397. 12/2006. ISSN 0022-3417

**Impact source:** ISI**Category:** Science Edition - PATHOLOGY**Impact index in year of publication:** 9,883 (Año 2021) **Journal in the top 25%:** Yes

- 56** Cristina Peña; José Miguel García; Vanesa García; Javier Silva; Gemma Domínguez; Rufo Rodríguez; Constanza Maximiliano; Antonio García de Herreros; Alberto Muñoz; Félix Bonilla. The expression levels of the transcriptional regulators p300 and CtBP modulate the correlations between SNAIL, ZEB1, E-cadherin and vitamin D receptor in human colon carcinomas. *International journal of cancer. Journal international du cancer*. 119 - 9, pp. 2098 - 2202. 01/11/2006. ISSN 0020-7136

**Position of signature:** 1**Total no. authors:** 10**Impact source:** ISI**Category:** Science Edition - ONCOLOGY**Impact index in year of publication:** 7,316 (Año 2021) **Journal in the top 25%:** Yes

- 57** Jose M Garcia; Vanesa Garcia; Javier Silva; Cristina Peña; Gemma Dominguez; Antonio Sanchez; Luis Sanfrutos; Mariano Provencio; Isabel Millan; Dolores Chaparro; Pilar España; Felix Bonilla. Extracellular tumor DNA in plasma and overall survival in breast cancer patients. *Genes, chromosomes & cancer*. 45 - 7, pp. 692 - 1393. 07/2006. ISSN 1045-2257

**Impact source:** ISI**Category:** Science Edition - GENETICS & HEREDITY**Impact index in year of publication:** 4,263 (Año 2021) **Journal in the top 25%:** No

- 58** Vanesa Garcia; José M García; Cristina Peña; Javier Silva; Gemma Domínguez; Alicia Hurtado; Isabel Alonso; Rufo Rodriguez; Mariano Provencio; Félix Bonilla. Thymidylate synthase messenger RNA expression in plasma from patients with colon cancer: prognostic potential. *Clinical cancer research : an official journal of the American Association for Cancer Research*. 12 - 7 Pt 1, pp. 2095 - 2195. 01/04/2006. ISSN 1078-0432

**Impact source:** ISI**Category:** Science Edition - ONCOLOGY**Impact index in year of publication:** 13,801 (Año 2021) **Journal in the top 25%:** Yes

- 59** Javier Silva; José M A Silva; Marta Barradas; José M García; Gemma Domínguez; Vanesa García; Cristina Peña; Isabel Gallego; Ruth Espinosa; Manuel Serrano; Félix Bonilla. Analysis of the candidate tumor suppressor Ris-1 in primary human breast carcinomas. *Mutation research*. 594 - 1-2, pp. 78 - 163. 22/02/2006. ISSN 0027-5107

**Impact source:** ISI**Category:** Science Edition - GENETICS & HEREDITY**Impact index in year of publication:** 2,433 (Año 2021) **Journal in the top 25%:** No

- 60** Gemma Domínguez; José M García; Cristina Peña; Javier Silva; Vanesa García; Lara Martínez; Constanza Maximiliano; María E Gómez; José A Rivera; Carmen García Andrade; Felix Bonilla. DeltaTAp73 upregulation correlates with poor prognosis in human tumors: putative in vivo network involving p73 isoforms, p53, and E2F-1. *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*. 24 - 5, pp. 805 - 820. 10/02/2006. ISSN 1527-7755

**Impact source:** ISI**Category:** Science Edition - ONCOLOGY**Impact index in year of publication:** 50,717 (Año 2021) **Journal in the top 25%:** Yes



- 61** Cristina Peña; José Miguel García; Javier Silva; Vanesa García; Rufo Rodríguez; Isabel Alonso; Isabel Millán; Clara Salas; Antonio García de Herreros; Alberto Muñoz; Félix Bonilla. E-cadherin and vitamin D receptor regulation by SNAIL and ZEB1 in colon cancer: clinicopathological correlations. *Human molecular genetics*. 14 - 22, pp. 3361 - 3431. 15/11/2005. ISSN 0964-6906

**Position of signature:** 1

**Total no. authors:** 11

**Impact source:** ISI

**Category:** Science Edition - GENETICS & HEREDITY

**Impact index in year of publication:** 5,121 (año 2021) **Journal in the top 25%:** Yes

- 62** Vanesa Garcia; José M García; Cristina Peña; Javier Silva; Gemma Domínguez; Rufo Rodríguez; Constanza Maximiano; Ruth Espinosa; Pilar España; Félix Bonilla. The GADD45, ZBRK1 and BRCA1 pathway: quantitative analysis of mRNA expression in colon carcinomas. *The Journal of pathology*. 206 - 1, pp. 92 - 101. 05/2005. ISSN 0022-3417

**Impact source:** ISI

**Category:** Pathology and Forensic Medicine

**Impact index in year of publication:** 9,883

**Journal in the top 25%:** Yes

- 63** José Manuel González Sancho; Oscar Aguilera; José Miguel García; Natalia Pendás Franco; Cristina Peña; Santiago Cal; Antonio García de Herreros; Félix Bonilla; Alberto Muñoz. The Wnt antagonist DICKKOPF-1 gene is a downstream target of beta-catenin/TCF and is downregulated in human colon cancer. *Oncogene*. 24 - 6, pp. 1098 - 1201. 03/02/2005. ISSN 0950-9232

**Impact source:** ISI

**Category:** Science Edition - GENETICS & HEREDITY

**Impact index in year of publication:** 8,756 (Año 2021) **Journal in the top 25%:** Yes

- 64** Vanesa Garcia; Javier Silva; Gemma Dominguez; Jose M García; Cristina Peña; Rufo Rodriguez; Mariano Provencio; Pilar España; Felix Bonilla. Overexpression of p16INK4a correlates with high expression of p73 in breast carcinomas. *Mutation research*. 554 - 1-2, pp. 215 - 236. 04/10/2004. ISSN 0027-5107

**Impact source:** ISI

**Category:** Science Edition - GENETICS & HEREDITY

**Impact index in year of publication:** 2,433 (Año 2021) **Journal in the top 25%:** No

- 65** Jose M García; Javier Silva; Cristina Peña; Vanesa Garcia; Rufo Rodríguez; Miguel A Cruz; Blanca Cantos; Mariano Provencio; Pilar España; Felix Bonilla. Promoter methylation of the PTEN gene is a common molecular change in breast cancer. *Genes, chromosomes & cancer*. 41 - 2, pp. 117 - 141. 10/2004. ISSN 1045-2257

**Impact source:** ISI

**Category:** Science Edition - GENETICS & HEREDITY

**Impact index in year of publication:** 4,263 (Año 2021) **Journal in the top 25%:** No

- 66** Héctor G Pálmer; María Jesús Larriba; José Miguel García; Paloma Ordóñez Morán; Cristina Peña; Sandra Peiró; Isabel Puig; Rufo Rodríguez; Ricardo de la Fuente; Antonio Bernad; Marina Pollán; Félix Bonilla; Carlos Gamallo; Antonio García de Herreros; Alberto Muñoz. The transcription factor SNAIL represses vitamin D receptor expression and responsiveness in human colon cancer. *Nature medicine*. 10 - 9, pp. 917 - 926. 09/2004. ISSN 1078-8956

**Impact source:** ISI

**Category:** Science Edition - MEDICINE, RESEARCH & EXPERIMENTAL

**Impact index in year of publication:** 87,241 (Año 2021) **Journal in the top 25%:** Yes

- 67** Cristina Peña; Jose M García; Gemma Dominguez; Javier Silva; Vanesa Garcia; Enric Carcereny; Javier Vargas; Mariano Provencio; Pilar España; Felix Bonilla. Intronic deletion affecting a negative regulatory region of TP73 is related to breast and colorectal carcinomas. *Genes, chromosomes & cancer*. 39 - 3, pp. 257 - 319. 03/2004. ISSN 1045-2257

**Position of signature:** 1



**Total no. authors:** 10

**Impact source:** ISI

**Category:** Science Edition - GENETICS & HEREDITY

**Impact index in year of publication:** 4,263 (Año 2021) **Journal in the top 25%:** No

- 68** Vanesa Garcia; Gemma Domínguez; José M García; Javier Silva; Cristina Peña; José M Silva; Enric Carcereny; Josefa Menendez; Pilar España; Félix Bonilla. Altered expression of the ZBRK1 gene in human breast carcinomas. *The Journal of pathology*. 202 - 2, pp. 224 - 256. 02/2004. ISSN 0022-3417

**Impact source:** ISI

**Category:** Science Edition - PATHOLOGY

**Impact index in year of publication:** 9,883 (Año 2021) **Journal in the top 25%:** Yes

## Works submitted to national or international conferences

- 1** **Title of the work:** Identification in liquid biopsy of exosomal colon cancer-diagnostic biomarkers derived from cancer-associated fibroblasts  
**Name of the conference:** Reunión Anual del Programa de Mecanismos de Progresión Tumoral, sesión de investigadores predoctorales  
**Corresponding author:** Yes  
**City of event:** Madrid (On-line),  
**Date of event:** 06/06/2022  
**Organising entity:** CIBERONC  
Manuel Collado; Cristina Peña.
- 2** **Title of the work:** Study of non-coding biomarkers of tumor microenvironment-derived exosomes in liquid biopsies samples from Colorectal and Pancreatic Cancer patients  
**Name of the conference:** III Encuentro de Jóvenes Investigadores  
**Corresponding author:** Yes  
**City of event:** Madrid, Spain  
**Date of event:** 14/12/2020  
**End date:** 15/12/2020  
**Organising entity:** CIBERONC  
Cristina Galindo Pumariño; Manuel Collado Valero; Jorge Villalón López; Elena Mendía; Mercedes Rodríguez Garrote; Federico Longo Muñoz; Pablo Reguera; Irene Carretero; Alejandra Caminoa; Alfredo Carrato; Carolina de la Pinta Alonso; Peña Maroto Cristina.
- 3** **Title of the work:** Fibroblasts-derived matrices confer resistance to oxaliplatin and cetuximab in a Snail-dependent way in CRC  
**Name of the conference:** ESMO Virtual Congress 2020  
**Corresponding author:** Yes  
**City of event:** Madrid, Spain  
**Date of event:** 19/09/2020  
**Organising entity:** ESMO **Type of entity:** Associations and Groups  
**City organizing entity:** Lugano, Switzerland  
Cristina Galindo Pumariño; Jorge Villalón López; José Barquín; Carolina de la Pinta Alonso; Mercedes Rodríguez Garrote; Federico Longo; Pablo Reguera; Estefania Romio de las Heras; Cristian Perna; Alfredo Carrato; Cristina Peña Maroto.
- 4** **Title of the work:** Effects of Fibroblasts Snail-expression in Resistance to Oxaliplatin and Cetuximab in Colorectal Cancer  
**Name of the conference:** 2nd ASEICA Educational Symposium  
**Corresponding author:** Yes



**City of event:** Madrid, Community of Madrid, Spain

**Date of event:** 28/11/2019

**End date:** 29/11/2019

**Organising entity:** ASEICA

Cristina Galindo-Pumariño; Laura Valle-Rodríguez; Jorge Villalón-López; Mercedes Rodríguez-Garrote; Reyes Ferrero-Monteagudo; Vanesa Pachón-Olmos; Alejandra Caminoa; Cristian Perna; Alfredo Carrato; Cristina Peña.

- 5** **Title of the work:** Differential distribution and enrichment of non-coding RNAs in exosomes from Normal and Cancer-Associated Fibroblasts in colorectal cancer  
**Name of the conference:** 5th World Congress on CancerResearch&Therapy  
**Type of participation:** Participatory - invited/keynote talk  
**Corresponding author:** Yes  
**City of event:** Londres, United Kingdom  
**Date of event:** 09/09/2019  
**End date:** 11/04/2019
- 6** **Title of the work:** Regulation of tumor cell migration by cancer-associated fibroblasts and association with patient survival  
**Name of the conference:** Liver Metastasis Research Network  
**Type of participation:** Participatory - invited/keynote talk  
**Corresponding author:** Yes  
**City of event:** Valencia, Spain  
**Date of event:** 19/06/2019  
**End date:** 22/06/2019
- 7** **Title of the work:** Endothelial cell activation on 3D-matrices derived from PDGF-BB-stimulated fibroblasts is mediated by Snail1  
**Name of the conference:** CIBERONC V Scientific Program Meeting  
**Corresponding author:** Yes  
**City of event:** Madrid,  
**Date of event:** 07/03/2019  
**End date:** 08/03/2019  
**Organising entity:** CIBER DE CÁNCER (CIBERONC)
- 8** **Title of the work:** Effects of Cancer Associated Fibroblasts in resistance to oxaliplatin, 5-fluorouracil and cetuximab in Colorectal Cancer  
**Name of the conference:** 16th ASEICA INTERNATIONAL CONGRESS  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes  
**City of event:** Valencia, Valencian Community, Spain  
**Date of event:** 06/11/2018  
**End date:** 08/11/2018  
**Organising entity:** ASEICA  
Cristina Galindo Pumariño; Natalia Guerra Pérez; Daniel Gutierrez; Marién Castillo; José Barquín; Mercedes Rodríguez Garrote; Reyes Ferreiro Monteagudo; Vanesa Pachón Olmos; Estefania Romio de las Heras; Cristian Perna; Julie Earl; Alfredo Carrato; Cristina Peña.
- 9** **Title of the work:** Differential distribution and enrichment of non-coding RNAs in exosomes from Normal and Cancer Associated Fibroblasts in colorectal cancer  
**Name of the conference:** II SCIENTIFIC MEETING MECHANISMS OF TUMOR PROGRESSION  
**Corresponding author:** Yes



**City of event:** Madrid, Spain

**Date of event:** 19/09/2017

**End date:** 20/09/2017

**Organising entity:** CIBER de Cáncer (CIBERONC) **Type of entity:** CIBER

"Differential distribution and enrichment of non-coding RNAs in exosomes from Normal and Cancer Associated Fibroblasts in colorectal cancer".

- 10** **Title of the work:** Ponencia: Heterogeneity of Cancer-Associated Fibroblasts from human primary colon tumors in their pro-tumorigenic abilities on cancer cells. Comunicación oral.  
**Name of the conference:** 2nd International Symposium on Profiling.  
**Type of participation:** Participatory - invited/keynote talk  
**Corresponding author:** Yes  
**City of event:** Caparica-Lisboa, Portugal  
**Date of event:** 21/09/2015  
**End date:** 24/09/2015  
**Organising entity:** Bioscope group  
Mercedes Herrera; Alberto Herrera; Abdul Khademul Islam; Paloma Martín; Marta Rodríguez; Vanesa García; Javier Silva; Beatriz Gil; Ignacio Casal; Antonio García de Herreros; Félix Bonilla; Cristina Peña.
- 11** **Title of the work:** Endothelial cell activation on 3D-matrices from PDGF stimulated fibroblasts is mediated by Snail1.  
**Name of the conference:** 15th ASEICA International Congress (Spanish Association for Cancer Research).  
**Corresponding author:** Yes  
**City of event:** Sevilla, Spain  
**Date of event:** 2015  
**Organising entity:** Spanish Association for Cancer Research  
Alberto Herrera; Mercedes Herrera; Marta Rodríguez; Vanesa García; Beatriz Gil; Diana Izquierdo Moreno; M<sup>a</sup> Jesús Larriba; Ignacio Casal; Antonio García de Herreros; Félix Bonilla; Cristina Peña.
- 12** **Title of the work:** Endothelial cell activation on 3D-matrices from PDGF stimulated fibroblasts is mediated by Snail1.  
**Name of the conference:** V Encuentro Jóvenes Investigadores de la RTICC.  
**City of event:** Pamplona, Spain  
**Date of event:** 2015  
**Organising entity:** Red Temática de Investigación Cooperativa en Cáncer  
Alberto Herrera; Mercedes Herrera; Marta Rodríguez; Vanesa García; Beatriz Gil; Diana Izquierdo Moreno; M<sup>a</sup> Jesús Larriba; Ignacio Casal; Antonio García de Herreros; Félix Bonilla; Cristina Peña.
- 13** **Title of the work:** Ponencia: Tumor-derived exosomes enriched in stemness/metastatic-related mRNAs promote oncogenic potential in breast cancer. Specific prognostic exosome signature.  
**Name of the conference:** V Encuentro Jóvenes Investigadores de la RTICC.  
**City of event:** Pamplona, Spain  
**Date of event:** 2015  
**Organising entity:** Red Cooperativa de Investigación en Cáncer  
Marta Rodríguez; Alberto Herrera; Mercedes Herrera; Cristina Peña; Félix Bonilla; Vanesa García.
- 14** **Title of the work:** Tumor-derived exosomes enriched in stemness/metastatic-related mRNAs promote oncogenic potential in breast cancer. Specific prognostic exosome signature.  
**Name of the conference:** 15th ASEICA International Congress (Spanish Association for Cancer Research)  
**City of event:** Sevilla, Spain  
**Date of event:** 2015  
**Organising entity:** Spanish Association for Cancer Research



Marta Rodríguez; Alberto Herrera; Mercedes Herrera; Cristina Peña; Félix Bonilla; Vanesa García.

- 15** **Title of the work:** Tumor-derived exosomes enriched in stemness/metastatic-related mRNAs promote oncogenic potential in breast cancer. Specific prognostic exosome signature.  
**Name of the conference:** Mechanistic Insights and Therapeutic Opportunities, CNIO Frontiers Meetings.  
**City of event:** Madrid, Spain  
**Date of event:** 2015  
**Organising entity:** Centro Nacional de Investigaciones Oncológicas  
**Type of entity:** Healthcare Institutions  
Marta Rodríguez; Alberto Herrera; Mercedes Herrera; Cristina Peña; Félix Bonilla; Vanesa García.
- 16** **Title of the work:** Exosomes enriched in stemness/metastatic-related mRNAs promote oncogenic potential in breast cancer. Specific prognostic exosome signature.  
**Name of the conference:** IV Encuentro Científico de Jóvenes Investigadores de la Red Temática de Investigación Cooperativa en Cáncer (RTICC)  
**City of event:** Salamanca, Spain  
**Date of event:** 24/09/2014  
**End date:** 25/09/2014  
**Organising entity:** Red Temática Investigación Cooperativa en Cáncer (RTICC)  
Marta Rodríguez; Javier Silva; Alberto Herrera; Mercedes Herrera; Cristina Peña; Beatriz Gil-Calderón; Félix Bonilla; Alberto Muñoz; Vanesa García.
- 17** **Title of the work:** Heterogeneity of Cancer-Associated Fibroblasts from human primary colon tumors in their pro-tumorigenic abilities on cancer cells.  
**Name of the conference:** IV Encuentro Científico de Jóvenes Investigadores de la Red Temática de Investigación Cooperativa en Cáncer (RTICC)  
**City of event:** Salamanca, Spain  
**Date of event:** 24/09/2014  
**End date:** 25/09/2014  
**Organising entity:** Red Temática Investigación Cooperativa en Cáncer (RTICC)  
Mercedes Herrera; Alberto Herrera; Khademul Islam; Paloma Martín; Marta Rodríguez; Vanesa García; Javier Silva; Beatriz Gil-Calderón; Ignacio Casal; Antonio García de Herreros; Félix Bonilla; Cristina Peña.
- 18** **Title of the work:** Endothelial cell activation on 3D-matrices from PDGF stimulated fibroblasts is mediated by Snail1  
**Name of the conference:** IV Encuentro Científico de Jóvenes Investigadores de la Red Temática de Investigación Cooperativa en Cáncer (RTICC)  
**City of event:** Salamanca, Spain  
**Date of event:** 23/09/2014  
**Organising entity:** Red Temática Investigación Cooperativa en Cáncer (RTICC)  
Alberto Herrera; Mercedes Herrera; Marta Rodríguez; Vanesa García; Beatriz Gil-Calderón; María Jesús Larriba; Ignacio Casal; Antonio García de Herreros; Félix Bonilla; Cristina Peña.
- 19** **Title of the work:** Heterogeneity of Cancer-Associated Fibroblasts from human primary colon tumors in their pro-tumorigenic abilities on cancer cells Localización,  
**Name of the conference:** VI International Epithelial-Mesenchymal Transition Meeting  
**City of event:** Alicante, Valencian Community, Spain  
**Date of event:** 13/11/2013  
**End date:** 16/11/2013  
**Organising entity:** TEMTIA - The EMT International Association, Inc  
M Herrera; A Herrera; BM Islam; P Martín; V García; J Silva; JM García; C Salas; I Casal; A García de Herreros; F Bonilla; Cristina Peña. 2013.





- 20** **Title of the work:** Pro-tumorigenic effects of Snail-expression fibroblasts on colon cancer cells Localización,  
**Name of the conference:** VI International Epithelial-Mesenchymal Transition Meeting  
**City of event:** Alicante, Valencian Community, Spain  
**Date of event:** 13/11/2013  
**End date:** 16/11/2013  
**Organising entity:** TEMTIA - The EMT International Association, Inc  
A Herrera; M Herrera; J Silva; V García; L Alba; A Álvarez-Cienfuegos; JM García; R Rodríguez; B Gil; I Casal; A García de Herreros; F Bonilla; Cristina Peña. 2013.
- 21** **Title of the work:** Identification and characterization of novel pro-tumorigenic factors derived from cancer-associated fibroblasts  
**Name of the conference:** INTERNATIONAL JOURNAL OF MOLECULAR MEDICINE  
**Date of event:** 05/11/2013  
Martin Augsten; Francesca Bruzzese; Akira Saito; Cristina Peña; Arne Östman.
- 22** **Title of the work:** Heterogeneity of Cancer-Associated Fibroblasts from human primary colon tumors in their pro-tumorigenic abilities on cancer cells Localización,  
**Name of the conference:** III Encuentro Jóvenes Investigadores de la RTICC  
**City of event:** Barcelona, Catalonia, Spain  
**Date of event:** 19/11/2012  
**End date:** 20/11/2012  
**Organising entity:** Red Temática Investigación Cooperativa en Cáncer (RTICC)  
M Herrera; A Herrera; B Islam Abul; F Bonilla; Cristina Peña. 2012.
- 23** **Title of the work:** Pro-tumorigenic effects of Snail-expression fibroblasts on colon cancer cells Localización,  
**Name of the conference:** III Encuentro Jóvenes Investigadores de la RTICC  
**City of event:** Barcelona, Valencian Community, Spain  
**Date of event:** 19/11/2012  
**End date:** 20/11/2013  
**Organising entity:** Red Temática Investigación Cooperativa en Cáncer (RTICC)  
A Herrera; M Herrera; J Silva; V García; L Alba; A Álvarez-Cienfuegos; JM García; R Rodríguez; B Gil; I Casal; A García de Herreros; F Bonilla; Cristina Peña. 2013.
- 24** **Title of the work:** Determination of Snail1 paracrine functions: Implication in pro-tumorigenic abilities on colorectal epithelial cells lines Localización,  
**Name of the conference:** 22nd Biennial Congress of the European Association for Cancer Research (EACR)  
**Corresponding author:** Yes  
**City of event:** Barcelona, Catalonia, Spain  
**Date of event:** 07/07/2012  
**End date:** 10/07/2012  
**Organising entity:** European Association for Cancer Research  
A Herrera; M Herrera; P Martín; I Gómez; G Domínguez; J Silva; V García; JM García; F Bonilla; Cristina Peña. 2012.
- 25** **Title of the work:** Heterogeneity of Cancer-Associated Fibroblasts from human primary colon tumors in their pro-tumorigenic abilities on cancer cells Localización,  
**Name of the conference:** 22nd Biennial Congress of the European Association for Cancer Research  
**Corresponding author:** Yes  
**City of event:** Barcelona, Catalonia, Spain  
**Date of event:** 07/07/2012



**End date:** 10/07/2012

**Organising entity:** European Association for Cancer Research (EACR)

M Herrera; A Herrera; P Martín; I Gómez; G Domínguez; J Silva; V García; JM García; F Bonilla; Cristina Peña. 2012.

- 26** **Title of the work:** Determination of Snail1 paracrine functions: Implication in pro-tumorigenic abilities on colorectal epithelial cells lines Localización,  
**Name of the conference:** XIII Congreso Nacional ASEICA  
**Corresponding author:** Yes  
**Date of event:** 21/09/2011  
**End date:** 23/09/2011  
**Organising entity:** Asociación Española de Investigación sobre el Cáncer (ASEICA)  
**City organizing entity:** Salamanca, Castile and León, Spain  
A Herrera; M Herrera; P Martín; I Gómez; G Domínguez; J Silva; V García; JM García; F Bonilla; Cristina Peña. 21/09/2011.
- 27** **Title of the work:** PDGF-dependent paracrine signaling from fibroblasts decrease sensitivity of cancer cells to HER2-and EGFR-targeting drugs  
**Name of the conference:** 9th International Symposium on Targeted Anticancer Therapies  
**City of event:** Paris, France  
**Date of event:** 07/09/2011  
A Östman; M. Bradic Lindh; T Liu; L Lindstrom; C Pena; P Andersson; A Augsten; J Bergh.
- 28** **Title of the work:** Heterogeneity of Cancer-Associated Fibroblasts from human primary colon tumors in their pro-tumorigenic abilities on cancer cells Localización,  
**Name of the conference:** New Concepts in Cancer Metastasis  
**Corresponding author:** Yes  
**City of event:** Lisbon, Lisboa, Portugal  
**Date of event:** 25/06/2011  
**End date:** 28/06/2011  
M Herrera; A Herrera; P Martín; I Gómez; G Domínguez; J Silva; V García; JM García; F Bonilla; Cristina Peña. 2006.
- 29** **Title of the work:** Local and systemic pro-metastatic effects of CAF-derived GDF15 and STC1 Localización,  
**Name of the conference:** New Concepts in Cancer Metastases  
**City of event:** Lisbon, Portugal  
**Date of event:** 25/06/2011  
**End date:** 28/06/2011  
Augsten M; Cristina Peña; A Östman. 2006.
- 30** **Title of the work:** Co-cultured fibroblasts regulate colorectal cancer cell migration and invasion in a PDGF - dependent manner Localización,  
**Name of the conference:** 5º International Conference on Tumor Microenvironment: Progression, Therapy, and Prevention  
**Corresponding author:** Yes  
**City of event:** Versailles, France  
**Date of event:** 09/2009  
Cristina Peña; M Bradic; A Östman. 09/2009.
- 31** **Title of the work:** Co-cultured fibroblasts regulate colorectal cancer cell migration and invasion in a PDGF – dependent manner Localización,  
**Name of the conference:** VIII KI Cancer Retreat



**Type of participation:** Participatory - oral communication

**Corresponding author:** Yes

**City of event:** Estocolmo, Sweden

**Date of event:** 09/2009

Cristina Peña. 09/2009.

- 32** **Title of the work:** Snail expression in colon cancer related with CDH1 and VDR downregulation in normal adjacent tissue Localización,  
**Name of the conference:** 5º International Conference on Tumor Microenvironment: Progression, Therapy, and Prevention  
**City of event:** Versailles, France  
**Date of event:** 09/2009  
JM García; Cristina Peña; MJ Larriba; V García; J Silva; G Domínguez; R Rodríguez; A García de Herreros; J Casal; A Muñoz; F Bonilla. 09/2009.
- 33** **Title of the work:** Regulation of E-cadherin and Vitamin D Receptor by SNAIL and ZEB1 in Colon Cancer Localización,  
**Name of the conference:** AACR Annual Meeting  
**Corresponding author:** Yes  
**City of event:** Washington, United States of America  
**Date of event:** 2006  
Cristina Peña; JM García; V García; J Silva; G Domínguez; R Díaz; Y Lorenzo; D Chaparro; R Rodríguez; F Bonilla. 2006.
- 34** **Title of the work:** Polycomb genes in breast carcinomas. Regulation and expression analysis Localización,  
**Name of the conference:** 96th Annual Meeting of American Society of Clinical Oncology  
**City of event:** Anaheim, Orange, United States of America  
**Date of event:** 16/04/2005  
**End date:** 20/04/2005  
**Organising entity:** ASCO  
J Silva; JM García; Cristina Peña; V García; G Domínguez; D Suárez; R Espinosa; M Provencio; P España; F Bonilla. 2005.
- 35** **Title of the work:** El análisis cuantitativo de genes de la familia Polycomb muestra una regulación simultánea de BMI-1, MEL-18 y HPC-2 en carcinomas primarios de mama Localización,  
**Name of the conference:** VI Encuentros en Oncología  
**City of event:** Segovia, Castile and León, Spain  
**Date of event:** 17/03/2005  
**End date:** 18/03/2005  
J Silva; JM García; Cristina Peña; V García; G Domínguez; L Jiménez; R Espinosa; C Maximiano; A Sánchez; F Bonilla. 2003.
- 36** **Title of the work:** Participación de p73 con función oncogénica en carcinogénesis de colon Localización,  
**Name of the conference:** VI Encuentros en Oncología  
**City of event:** Segovia, Castile and León, Spain  
**Date of event:** 17/03/2005  
**End date:** 18/03/2005  
G Domínguez; L Martínez; JM García; Cristina Peña; J Silva; V García; F Bonilla. 2003.
- 37** **Title of the work:** Regulación de E-cadherina y del receptor de la vitamina D por SNAIL y ZEB1 en cáncer de colon. Correlaciones clínico-patológicas Localización,  
**Name of the conference:** VI Encuentros en Oncología



**Corresponding author:** Yes

**City of event:** Segovia, Castile and León, Spain

**Date of event:** 17/03/2005

**End date:** 18/03/2005

Cristina Peña; JM García; V García; J Silva; G Domínguez; L Martínez; C Maximiano; A Sánchez; F Bonilla. 2003.

**38 Title of the work:** Ruta de GADD45, ZBRK1 y BRCA1. Análisis cuantitativo de la expresión del ARNm en carcinomas de colon Localización,

**Name of the conference:** VI Encuentros en Oncología

**City of event:** Segovia, Castile and León, Spain

**Date of event:** 17/03/2005

**End date:** 18/03/2005

V García; JM García; Cristina Peña; J Silva; G Domínguez; R Rodríguez; C Maximiano; R Espinosa; P España; F Bonilla. 2003.

**39 Title of the work:** Altered expression of the ZBRK1 gene in human breast carcinomas Localización,

**Name of the conference:** AACR Annual Meeting Localización,

**City of event:** Orlando, United States of America

**Date of event:** 2004

V García; G Domínguez; JM García; J Silva; Cristina Peña; A Sánchez; E Carcereny; R Espinosa; C Maximiano; F Bonilla. 2004.

**40 Title of the work:** Valor pronóstico de la presencia de ADN con características tumorales en el plasma de pacientes diagnosticadas de cáncer de mama Localización,

**Name of the conference:** VI Encuentros en Oncología

**City of event:** Segovia, Castile and León, Spain

**Date of event:** 17/08/2003

**End date:** 18/08/2003

JM García; V García; J Silva; G Domínguez; Cristina Peña; A Hurtado; P Espinosa; B Cantos; R Rodríguez; F Bonilla. 2003.

**41 Title of the work:** Expresión conjunta de p16INK4a y p14Arf en cáncer de mama primario. Análisis de los mecanismos de investigación Localización,

**Name of the conference:** V Encuentros en Oncología

**City of event:** Jerez de la Frontera, Andalusia, Spain

**Date of event:** 27/03/2003

**End date:** 28/03/2003

**Organising entity:** Sociedad Española de Oncología **Type of entity:** Public Research Body Médica

**City organizing entity:** Madrid, Community of Madrid, Spain

J Silva; JM García; Cristina Peña; V García; B Cantos; E Carcereny; M Provencio; P España; F Bonilla. 2003.

**42 Title of the work:** La presencia de delección intrónica en una región reguladora de p73 se asocia con carcinomas de mama y colon Localización,

**Name of the conference:** VI Encuentros en Oncología

**Corresponding author:** Yes

**City of event:** Segovia, Castile and León, Spain

**Date of event:** 2003

L Martínez; Cristina Peña; G Domínguez; JM García; J Silva; V García; F Bonilla. 2003.



## Other dissemination activities

- Title of the work:** Determinan genes asociados a los cambios en fibroblastos que predicen la evolución de los pacientes con cáncer de colon  
**Name of the event:** Sala de prensa CIBERONC ISCIII  
**Type of event:** Sala de prensa CIBERONC ISCIII  
**Corresponding author:** Yes  
**Date of event:** 17/05/2021
- Title of the work:** Cancer-associated fibroblast-derived gene signatures determine prognosis in colon cancer patients  
**Name of the event:** Publicaciones destacadas - IRYCIS  
**Type of event:** Comunicación IRYCIS  
**Date of event:** 14/05/2021

## Other achievements

### Stays in public or private R&D centres

**Entity:** Instituto Karolinska  
**Faculty, institute or centre:** Instituto  
**City of entity:** Estocolmo, Sweden  
**Start-End date:** 01/05/2010 - 30/04/2010      **Duration:** 2 years  
**Goals of the stay:** Post-doctoral

### Editorial councils

**Name of the editorial council:** Section Board Member: Molecular Oncology  
**Affiliation entity:** International Journal of Molecular Sciences  
**City affiliation entity:** WuhanWuhan, China  
**Start date:** 2020

### Prizes, mentions and distinctions

- Description:** Top downloaded paper  
**Awarding entity:** International Journal of Molecular Sciences  
**Conferral date:** 12/10/2022
- Description:** Cover Image on the Clinical Cancer Research scientific journal (AACR)  
**Awarding entity:** American Association for Cancer Research  
**Conferral date:** 01/11/2013  
**Recognition linked:** <https://aacrjournals.org/clincancerres/issue/19/21>



- 3** **Description:** Premios a la excelencia investigadora convocatoria 2006  
**Awarding entity:** Fundación para la investigación biomédica del Hospital Universitario Puerta de Hierro  
**Conferral date:** 18/01/2007
  
- 4** **Description:** Premio Extraordinario Doctorado  
**Awarding entity:** Universidad Autónoma de Madrid **Type of entity:** University  
**Conferral date:** 16/06/2006