

# Ayudas Predoctorales AECC 2023 A Coruña

## Adjudicatarios

### Dª. María Gloria Alfonsín Rey

Instituto de Investigación Biomédica de A Coruña (INIBIC)

Molecular mechanisms implicated in tumour cell resistance to colon cancer therapies

### D. Adrián Aparicio Rey

Centro Singular de Investigación en Medicina Molecular y Enfermedades Crónicas - CIMUS

Targeting RNA-Binding Proteins: A New Frontier For Rational Drug Design For MPNST therapy (Target-MPNST)

### D. Cristóbal Fernández Santiago

Instituto de Investigación Sanitaria de Santiago. IDIS-CHUS

Multimodal liquid biopsy for deciphering and monitoring mutations responsible for distant metastasis in breast cancer

## Suplentes

### Dª. Emma Ramos Docampo

Centro Singular de Investigación en Medicina Molecular y Enfermedades Crónicas - CIMUS

Theranostic nanoparticles for PET imaging and metabolic radiotherapy of brain metastases

### Dª. Eva Fernández Bejarano

Instituto de Investigación Biomédica de A Coruña (INIBIC)

New therapeutic strategies for overcoming drug resistance to targeted therapies and immunotherapies in breast cancer



**Dª. Sandra Ballesteros Sánchez**

Universidad de Santiago de  
Compostela

Biochemical and functional characterization  
of the RBR domain in hTET2 in the context  
of myeloid cancers

**Dª. Silvia Costas Abalde**

Instituto de Investigación Sanitaria de  
Santiago. IDIS-CHUS

Characterisation of the obestatin/GPR39  
system as a therapeutic target for the  
treatment of pancreatic cancer-associated  
muscle atrophy

**Dª. Lidia Lorenzo**

Universidad de La Coruña

HMGB proteins and lncRNAs in the early  
diagnosis of ovarian cancer. Their role as  
circulating exosomes charges in the  
malignancy of healthy ovarian epithelial  
cells

**D. Carlos López Pleguezuelos**

Instituto de Investigación Sanitaria de  
Santiago. IDIS-CHUS

Radiogenomic and radiomic predictive  
models on survival, recurrence and toxicity  
after radiotherapy in patients with lung  
cancer

**D. Iñaki Beceiro Cillero**

Centro Singular de Investigación en  
Medicina Molecular y Enfermedades  
Crónicas – CIMUS

Evaluation of the hypothalamus' role in  
development and regulation of cachexia

**Dª. Cristina de Jesús Sen**

Centro Singular de Investigación en  
Medicina Molecular y Enfermedades  
Crónicas – CIMUS

Mitochondrial DNA variants in oncogenesis  
and drug sensitivity

**Dª. Soraya Groba de Antas**

Instituto de Investigación Sanitaria de  
Santiago. IDIS-CHUS

Development of new diagnostic methods  
for metastatic lung cancer

**Dª. Ana Pérez Suárez**

Centro Singular de Investigación en  
Medicina Molecular y Enfermedades  
Crónicas - CIMUS

Investigating the role of early genomic  
instability caused by hepatitis b virus (hbv) in  
normal liver on the path to malignant  
transformation

**D. José Paz Martín**

Universidad de Santiago de  
Compostela

Dosimetry in FLASH radiotherapy

**Dª. Maider Fernández Santos**

Universidad de Santiago de  
Compostela

In vivo validation in the Danio rerio model of  
new targeted therapeutic approaches in  
HER2/GSDMB+ tumors

**Dª. Sandra Rodríguez González**

Centro Singular de Investigación en  
Medicina Molecular y Enfermedades  
Crónicas – CIMUS

Effect of vitamin D analogues on cellular  
plasticity in breast cancer



asociación española  
contra o cancro  
en A Coruña

**Dª. Laura Porres Ventín**

Centro Singular de Investigación en  
Medicina Molecular y Enfermedades  
Crónicas – CIMUS

**Dª. Paula Niñón Cabeza**

Universidad de La Coruña

Protein-protein interaction between PARP1  
and E2F1 as a therapeutic target in cancer

ANAEROBIC BACTERIA: COLORECTAL  
CANCER BIOMARKERS



# Ayudas Predoctorales AECC 2023 Albacete

## Adjudicatarios

### D. Alejandro Pinedo Serrano

Centro Regional de Investigaciones  
Biomédicas

TACKling breast cancer and glioblastoma  
using mesoporous silica nanoparticles  
loaded with PROTACs

## Suplentes

### Dª. Cristina Blasco Navarro

Universidad de Castilla-La Mancha -  
Campus Albacete

New nanomedicines as an alternative for  
breast cancer treatment



# Ayudas Predoctorales AECC 2023 Almería

## Adjudicatarios

Dª. Celia García Manas  
Universidad de Almería

Colorectal cancer biomarkers using nuclear magnetic resonance and metabolomics approaches





asociación española  
contra el cáncer  
en Huesca



asociación española  
contra el cáncer  
en Teruel



asociación española  
contra el cáncer  
en Zaragoza

# Ayudas Predoctorales AECC 2023 Aragón

## Adjudicatarios

**Dª. Isabel Villaoslada Casaled**  
Instituto de Investigación Sanitaria  
Aragón (IIS Aragón)

Generation of Pancreatic cancer Patient-Derived Organoids in microfluidic chips as a platform for testing new chemotherapy and immunotherapy approaches.

## Suplentes

**D. Ismael Perisé Badía**  
Universidad de Zaragoza

Microphysiological systems for the development of cellular therapies against brain cancer

**D. Iñaki Arretxe García**  
Instituto de Investigación Sanitaria  
Aragón (IIS Aragón)

Desarrollo de una innovadora terapia adoptiva con células NK modificadas con receptores CAR de última generación frente a cáncer colorrectal de mal pronóstico

**Dª. Laura López Morán**  
Instituto de Investigación Sanitaria  
Aragón (IIS Aragón)

Development of immuno-targeted tools for the diagnosis and treatment of pancreatic ductal adenocarcinoma

**D. Diogo Miguel de Vasconcelos Resende Marques**  
Universidad de Zaragoza

Generation of a vascularized liver tumor organoid model in a personalized medicine immunotherapy microfluidic testing platform



asociación española  
contra el cáncer  
en Huesca



asociación española  
contra el cáncer  
en Teruel



asociación española  
contra el cáncer  
en Zaragoza

**Dª. Leticia Sánchez Uriel**

Instituto de Investigación Sanitaria  
Aragón (IIS Aragón)

Desarrollo de una plataforma basada en  
vesículas extracelulares para la prevención  
y el tratamiento de las metástasis

**Dª. Laura Imedio Iribarren**

Instituto de Investigación Sanitaria  
Aragón (IIS Aragón)

Puesta a punto de un sistema microfluídico  
para la criopreservación de corteza ovárica  
en niñas con cáncer

**Dª. Pilar Corral Sáncho**

Universidad de Zaragoza

NEW THERAPEUTIC APPROACHES TO  
MULTIPLE MYELOMA: TOLL-LIKE  
RECEPTORS AND METABOLIC DRUGS



# Ayudas Predoctorales AECC 2023 Asturias

## Adjudicatarios

**D. Alexadru Cobzariu Cobzariu**  
Universidad de Oviedo

Electrochemical biosensing platforms for monitoring the expression profiles of long non-coding RNAs associated with colorectal cancer

**D. Patrick Laureano McAlpine Álvarez**  
Universidad de Oviedo

In vivo modulation of colorectal cancer, intestinal microbiome composition and metabolic biomarkers via functional foods

## Suplentes

**D. Javier Gancedo Verdejo**  
Centro de Investigación de Nanomateriales y Nanotecnología, CINN-CSIC

Identification of new chromatin alterations in colon cancer

**Dª. Carmen Huergo García**  
Instituto de Investigación Sanitaria del Principado de Asturias (ISPA)

Nano-encapsulation of anti-tumor drugs as a strategy to circumvent acquired chemoresistance in sarcomas

**D. Pablo Gancedo Verdejo**  
Instituto de Investigación Sanitaria del Principado de Asturias (ISPA)

Impact of the Loss of Mitochondrial Complex II Activity on the Development and Progression of Renal Carcinoma: towards the search for targeted therapeutic strategies

# Ayudas Predoctorales AECC 2023 Barcelona

## Adjudicatarios

### Dª. Júlia Huguet Pradell

Fundació Clínic per a la Recerca  
Biomèdica

Single cell atlas of NASH-related  
hepatocellular carcinoma and identification  
of biomarkers of response to  
immunotherapies

## Suplentes

### Dª. Lorena Fernández de Larrea González

Institut de Recerca Biomèdica - IRB  
Barcelona

The role of FGFR4 and its potential as a  
biomarker in HR+ breast cancer therapy  
resistance

### Dª. Josefina María Galván

Institut de Recerca Biomèdica - IRB  
Barcelona

Understanding and targeting early immune  
co-option in pancreatic cancer

### D. Álvaro Alcalde Merino

Institut de Recerca Contra la Leucèmia  
Josep Carreras-IJC

Deciphering the role and regulation of  
spatial-temporal genome architecture in B  
cell lymphomagenesis

### Dª. Mariana Yáñez Bartolomé

Instituto de Investigación Oncológica  
Vall d'Hebron-VHIO

New insights into the role of mutant IDH1 in  
the immune landscape of intrahepatic  
cholangiocarcinoma: towards next  
generation immunotherapy for  
cholangiocarcinoma



**Dª. Patricia Regina Rider García**  
Instituto de Investigaciones  
Biomédicas de Barcelona, IIBB-CSIC

Molecular therapies targeting the  
microenvironment in liver cancer

# Ayudas Predoctorales AECC 2023 Bizkaia

## Adjudicatarios

### Dª. Ainhoa Amarilla Irusta

Instituto de Investigación Sanitaria  
Biocruces Bizkaia

Implication of NK cell plasticity in cancer treatment

### Dª. Ainhoa Eriz Micieles

Universidad del País Vasco  
(UPV/EHU)- Vizcaya

Epigenetic regulatory networks in tumor progression and metastasis development governed by E2F factors

### Dª. Leidy Estefanía Zapata Pavas

CIC Biogune

The Role of impaired magnesium homeostasis in hepatocellular carcinoma biology: Opportunity for finding novel druggable molecular targets

## Suplentes

### Dª. Andrea Sáez de Cámara Álvarez

Instituto de Investigación Sanitaria  
Biocruces Bizkaia

CAR-NK "off the shelf": nuevas mejoras y perspectivas de inmunoterapia contra cánceres hematológicos en recaída o refractarios

### Dª. Natalia Sainz Ramírez

Universidad del País Vasco  
(UPV/EHU)- Vizcaya

Metabolic heterogeneity of hepatocellular carcinoma: effect of fat enriched diets and new treatment strategies

### D. Connor Parry

CIC Biogune

Understanding the impact of obesity on development of resistance to therapy in breast cancer

**Dª. Aitziber Velado Egusquiza**  
Universidad del País Vasco  
(UPV/EHU)- Vizcaya

**Dª. Miriam Sánchez Sáez**  
Instituto de Investigación Sanitaria  
Biocruces Bizkaia

**D. Iván Martínez de Estíbariz Royuela**  
Universidad del País Vasco  
(UPV/EHU)- Vizcaya

**Dª. Paula Alamillo Maeso**  
Instituto de Investigación Sanitaria  
Biocruces Bizkaia

Role of proprotein convertases in Testicular Germ-Cell Tumours: morphofunctional study and therapeutic approximation

Application of proteomics and flow cytometry to increase the accuracy in the diagnosis, management and follow-up of in childhood leukaemias: a path towards personalised medicine

Design of machine learning tools for the study of pediatric medulloblastoma through the analysis of expression, methylation and tumor imaging

Metabolic vulnerabilities in the treatment of pediatric neuroblastoma



# Ayudas Predoctorales AECC 2023 Cantabria

## Adjudicatarios

### Dª. Natalia Sánchez Collantes

Instituto de Biomedicina y  
Biotecnología de Cantabria, IBBTEC-  
CSIC

Identification of chemotherapy resistance  
mechanisms in triple negative breast cancer  
through multi-omic approaches

### D. Diego Rosich Velarde

Instituto de Física de Cantabria (IFCA)

Development of Silicon Carbide based  
instrumentation for ultra-fast monitoring of  
the dose deposition under FLASH mode in  
proton therapy machines

## Suplentes

### Dª. Sara Valero Díaz

Instituto de Biomedicina y  
Biotecnología de Cantabria, IBBTEC-  
CSIC

Nuevas dianas terapéuticas en cáncer de  
mama triple negativo



# Ayudas Predoctorales AECC 2023 Castellón

## Adjudicatarios

**Dª. Marta Orero Bayo**  
Universidad Jaime I

DISCOVERY OF NEW ANTICANCER  
MOLECULES WITH DISRUPTIVE EFFECT  
ON THE TUMOUR MICROENVIRONMENT  
AND POTENTIAL USE AS THERAGNOSTIC  
AGENTS

## Suplentes

**Dª. Elvira Carbonell Martínez**  
Universidad Jaime I

Ghostbusters - Glioblastoma: Looking to  
Eliminate the Quiescent Cell Population In  
Glioblastoma

# Ayudas Predoctorales AECC 2023 Ciudad Real

## Adjudicatarios

**D. José Antonio Romero Rosales**  
Universidad de Castilla-La Mancha -  
Campus Ciudad Real

Heterogeneity and cellular plasticity in  
resistance mechanisms to chimio-radiation  
in glioblastoma.



# Ayudas Predoctorales AECC 2023 Gipuzkoa

## Adjudicatarios

### Dª. Maider Huici Izagirre

Instituto de Investigación Sanitaria  
Biodonostia-IIS Biodonostia

Role of the scavenger receptor MARCO in  
the immuno-oncology of primary liver  
tumors: new diagnostic, prognostic and  
therapeutic strategy

## Suplentes

### D. Luis García García Arisco

Centro de Investigación Cooperativa  
en Biomateriales (CIC biomaGUNE)

Remote modulation of tumor stroma in  
prostate cancer using hyperthermia

### Dª. June Gurrutxaga Navas

Instituto de Investigación Sanitaria  
Biodonostia-IIS Biodonostia

Desarrollo de nanopartículas como sistema  
de entrega no viral para la terapia CAR-T

### Dª. Sara Cruces Salguero

Instituto de Investigación Sanitaria  
Biodonostia-IIS Biodonostia

Identification and validation of new  
molecular mechanisms associated to  
cancer malignance and progression

# Ayudas Predoctorales AECC 2023 Illes Balears

## Adjudicatarios

### D. Frank Hernández García

Institut d'Investigació Sanitària Illes Balears (IdisBa)

A BENCH-TO-BEDSIDE APPROACH TO TREAT PANCREATIC DUCTAL ADENOCARCINOMA RESISTANCE

### Dª. Laura Gálvez Melero

Universidad de las Islas Baleares

Consequences of chemotherapy on adult hippocampal neurogenesis and antidepressant efficacy: Implications for depression-cancer comorbidity

## Suplentes

### Dª. Serena Sadoun

Institut d'Investigació Sanitària Illes Balears (IdisBa)

Multidisciplinary approach to elucidate the links between colon cancer progression and visceral adipose tissue: from Spatially Resolved Molecular Profiles to Clinical Imaging

# Ayudas Predoctorales AECC 2023 La Rioja

## Adjudicatarios

### Dª. Ángela Metola Iturrioz

Centro de Investigación Biomédica de  
La Rioja (CIBIR)

Functional study of long non-coding RNAs  
(lncRNAs) generated in a model of tumors  
that present with a mutation in the  
Integrator complex

## Suplentes

### D. Víctor Pozo Gavara

Universidad de la Rioja

Design, preparation and formulation of  
sunscreens with increased performance

### D. Yoisel Duarte Linares

Centro de Investigación Biomédica de  
La Rioja (CIBIR)

Involvement of IGFs in the tumor  
microenvironment of lung cancer



# Ayudas Predoctorales AECC 2023 León

## Adjudicatarios

Convocatoria desierta.

# Ayudas Predoctorales AECC 2023 Madrid

## Adjudicatarios

### Dª. Teresa Martí Nin

Centro Nacional Investigaciones  
Oncológicas (CNIO)

Antibacterial stress pathways in melanoma  
metastasis and response to therapy: New  
biomarkers and therapeutic targets

### Dª. Marta Herrero Alonso

Universidad Complutense de Madrid

Novel comprehensive immunotherapy to  
specifically target the malignant clone in  
Sézary Syndrome, an ultra-rare cancer of  
mature T lymphocytes

### Dª. Marta Molina Alejandre

Fundación para la Investigación  
Biomédica Hospital Universitario  
Puerta de Hierro

Mechanisms of resistance to neoadjuvant  
chemo-immunotherapy in NSCLC:  
CRISPR/Cas9 screening in a murine model  
and validation in patient samples (NADIM II)

## Suplentes

### Dª. Irene Salgado Crespo

Centro Nacional Investigaciones  
Oncológicas (CNIO)

Characterization and therapeutic  
implications of vascular co-option in brain  
metastasis endothelial cells

### Dª. Ana María Fernández Rodríguez

Centro Nacional Investigaciones  
Oncológicas (CNIO)

Multimodal therapies for the treatment of  
KRAS mutant lung cancer



**Dª. Ana Marchena Pasero**

Centro Nacional Investigaciones  
Oncológicas (CNIO)

New advances in the role of RANK and  
RANKL in estrogen receptor-positive and  
negative tumors. Therapeutic implications

**D. Jiangchuan He**

Centro Nacional Investigaciones  
Oncológicas (CNIO)

Deciphering the complex relationship  
between asthma/allergy and pancreatic  
cancer risk

**Dª. Marta Bergón Gutiérrez**

Instituto de investigación Biomédica  
Hospital Universitario La Paz-IdiPAZ

New cancer immunotherapies based on  
innate trained immunity

**D. Joan Salvador Russo Cabrera**

Instituto de investigación Hospital 12  
de octubre - i+12

EXPLOITING THE DNA DAMAGE REPAIR  
PATHWAY-ANTICANCER IMMUNITY  
INTERPLAY IN SCLC

**Dª. Mariana Deli**

Centro Nacional Investigaciones  
Oncológicas (CNIO)

Identification of the role of POT1 G95C  
variant in familial gliomas

**D. Javier Bujalance Fernández**

Universidad de Alcalá

Micromotores basados en redes  
metalorgánicas (MOFs): hacia un nuevo  
paradigma en el diagnóstico y tratamiento  
del cáncer

**Dª. Miriam Morales Gallego**

Instituto de Investigación Sanitaria  
Fundación Jiménez Díaz

Reversion of the immunosuppression in  
HER2-positive breast cancer by modulating  
the tumor microenvironment



# Ayudas Predoctorales AECC 2023 Málaga

## Adjudicatarios

### Dª. Celia Gaona Romero

Instituto de Investigación Biomédica de  
Málaga (IBIMA)

Characterization of molecular subtypes  
defined by PAM50 and study of the clinical  
behavior of the basal phenotype in different  
tumor sites

## Suplentes

### Dª. Cristina Viudez Pareja

Fundación Pública Andaluza para la  
Investigación de Málaga en  
Biomedicina y Salud-FIMABIS

In-depth characterization of the lymphatic  
tumor vasculature and discovery of  
promising therapeutic targets

### Dª. Isabel Vidal Valenzuela

Universidad de Málaga

Development of pharmacological strategies  
targeting the tumor microenvironment in  
pancreatic cancer

### Dª. Lucía Aranega Martín

Universidad de Málaga

Prospective study for the identification of  
surrogate epigenetic and transcriptomic  
markers for early prognosis and follow-up  
of minimal residual disease in patients with  
triple negative breast cancer using Cut&Tag  
and "single cell" technology

# Ayudas Predoctorales AECC 2023 Navarra

## Adjudicatarios

**D. Adrián Arnaiz Leche**  
Universidad de Navarra

Preclinical study of the fatty acid transporter CD36 in the metabolic reprogramming and survival of DLBCL cancer cells

## Suplentes

**D. Eneko Garate Soraluze**  
Centro de investigación Médica Aplicada (CIMA)

Intratumoral immunotherapy with TLR3 agonist agent to potentiate systemic effects of radiotherapy

**Dª. Silvia Romero Murillo**  
Universidad de Navarra

Targeting the MYC/PP2A network as an achievable strategy in cancer

**Dª. Nerea Bakartxo Otegui García**  
Centro de investigación Médica Aplicada (CIMA)

New strategies for the treatment of small cell lung cancer based on the eradication of the immunosuppressive microenvironment due to intrinsic factors of the tumor cell

# Ayudas Predoctorales AECC 2023 Santa Cruz de Tenerife

## Adjudicatarios

**D. Aday Gonzalez Bakker**  
Instituto Universitario de Bio-Orgánica  
Antonio González IUBO-AG

Validation of inhibitors of the captation and metabolism of glutamine for the treatment of Pancreatic Ductal Adenocarcinoma

## Suplentes

**Dª. Alba Molina De Armas**  
Hospital Universitario de Canarias

Molecular mechanisms of USP1 in the control of genome stability: opportunities for cancer therapy

**D. Roberto Pestano Perera**  
Instituto Universitario de Bio-Orgánica Antonio González IUBO-AG

Design, synthesis and preclinical evaluation of new antitumoral agents based on the inhibition/modulation of the JAK/STAT pathway

**Dª. Samantha Morais Armas**  
Hospital Universitario Ntra. Sra. de Candelaria

Morphology of the nucleus, nucleolus, and lysosome in tumors by super-resolution microscopy



# Ayudas Predoctorales AECC 2023 Valencia

## Adjudicatarios

### D. Javier Antón Salvador

Centro de Investigación Príncipe Felipe-CIPF

Modulation of the activity of the MAPK signaling pathway and the activator protein-1 (AP-1) for the treatment of lung adenocarcinoma

### Dª. Ana Ferrero Mico

Centro de Investigación Príncipe Felipe-CIPF

Trophoblast Invasion: New Insights into Cancer Metastasis using Human Placenta

### Dª. Nadia García Parra

UPV - Centro de Biomateriales e Ingeniería Tisular (CBIT)

Ex vivo disease model for haematological tumors. Application to multiple myeloma

### D. Daniel Samper Llavador

Universidad de Valencia

Identification of genomic imprinting aberrations during tumor formation in the adult brain

### Dª. Raquel Bosch Romeu

CEU Universidad Cardenal Herrera

Progression Analysis of Disease with Survival (PAD-S) by SurvMap using combined multiomic data. Application in different types of neoplasms

### Dª. Sandra Boldú Fernández

Instituto de Investigación Sanitaria (INCLIVA)

Desarrollo de un modelo de diagnóstico precoz y no invasivo de tumores miometriales



## Suplentes

### Dª. Andrea Armero Mateu

Instituto de Investigación del Hospital La Fe de la Comunidad Valenciana-IISLAFe

TILMET: Tandem single-cell RNA-seq and metabolomic analyses of lung tumor microenvironment to find new metabolic-based interventions to restore T cell function

### Dª. Laura Gadea Salom

Universidad de Valencia

The transmembrane domain of the Bcl2's protein family as a therapeutic target

### Dª. Clara Luna Marco

Universidad de Valencia

New perspectives on the relationship between mitophagy and mitochondrial dysfunction in type 2 diabetes and cancer

### Dª. Luciana Rusu

Instituto de Biología Integrativa de Sistemas (I<sup>2</sup>SysBio)

Development of a panel of enhanced SVV oncolytic virus carrying IL-24 or GM-CSF to treat TEM8-expressing cancers

### D. Borja Gómez

Centro de Investigación Príncipe Felipe-CIPF

Novel computational strategies for the identification of a multi-omic signature for diagnosis and prognosis in Melanoma Brain Metastases (multiMBM)

### Dª. Mahboobeh Sarajian Namic

Instituto de Física Corpuscular (IFIC)

Improving targeted radionuclide oncotherapy with a Compton dosimeter

# Ayudas Predoctorales AECC 2023 Valladolid

## Adjudicatarios

**Dª. María Jesús Esteban Amo**  
Instituto de Biología y Genética  
Molecular, IBGM-CSIC

Functional characterization of cancer-  
associated punctual mutations in succinate  
dehydrogenase

**Dª. Lucía Álvarez Frutos**  
Instituto de Biología y Genética  
Molecular, IBGM-CSIC

Development of a predictive model for  
treatment of triple negative breast cancer

## Suplentes

**D. Alejandro del Hierro González**  
Instituto de Biología y Genética  
Molecular, IBGM-CSIC

Identification of non-invasive biomarkers for  
personalized colorectal cancer  
management

**Dª. Mónica Arranz Ledo**  
Instituto de Biología y Genética  
Molecular, IBGM-CSIC

Molecular characterization of high-risk  
familiar cancer using Next-Generation  
Sequencing for multigenic exome analysis