

# Ayudas Predoctorales AECC 2023 A Coruña

## Adjudicatarios

**D<sup>a</sup>. 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<sup>a</sup>. 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

**D<sup>a</sup>. Eva Fernández Bejarano**

Universidad de Santiago de  
Compostela (USC)

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

# Ayudas Predoctorales AECC 2023 Albacete

## Adjudicatario

**D. Alejandro Pinedo Serrano**  
Centro Regional de Investigaciones  
Biomédicas

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

# Ayudas Predoctorales AECC 2023 Almería

## Adjudicatario

**D<sup>a</sup>. Celia García Manas**  
Universidad de Almería

Colorectal cancer biomarkers using nuclear  
magnetic resonance and metabolomics  
approaches

# Ayudas Predoctorales AECC 2023 Aragón

## Adjudicatario

**D. Ismael Perisé Badía**  
Instituto de Investigación Sanitaria  
Aragón (IIS Aragón)

Microphysiological systems for the  
development of cellular therapies against  
brain cancer

# Ayudas Predoctorales AECC 2023 Asturias

## Adjudicatarios

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

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

**D<sup>a</sup>. 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

# Ayudas Predoctorales AECC 2023 Illes Balears

## Adjudicatarios

**D<sup>a</sup>. Laura Gálvez Melero**  
Universidad de las Islas Baleares

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

**D<sup>a</sup>. 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 Barcelona

## Adjudicatarios

**D<sup>a</sup>. 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

# Ayudas Predoctorales AECC 2023 Bizkaia

## Adjudicatarios

**D<sup>a</sup>. Ainhoa Amarilla Irusta**

Instituto de Investigación Sanitaria  
Biocruces Bizkaia

Implication of NK cell plasticity in cancer  
treatment

**D<sup>a</sup>. Leidy Estefanía Zapata Pavas**

CIC Biogune

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

**D<sup>a</sup>. 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

**D<sup>a</sup>. Natalia Sainz Ramírez**

Universidad del País Vasco  
(UPV/EHU)- Vizcaya

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

# Ayudas Predoctorales AECC 2023 Cantabria

## Adjudicatarios

**D<sup>a</sup>. 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

**D<sup>a</sup>. 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

## Adjudicatario

**D<sup>a</sup>. Elvira Carbonell Martínez**  
Universidad Jaime I

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

# Ayudas Predoctorales AECC 2023 Ciudad Real

## Adjudicatario

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

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

# Ayudas Predoctorales AECC 2023 Gipuzkoa

## Adjudicatarios

**D<sup>a</sup>. Maider Huici Izagirre**

Instituto de Investigación Sanitaria  
Biogipuzkoa (IIS Biogipuzkoa-  
Biodonostia)

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

**D<sup>a</sup>. June Gurrutxaga Navas**

Instituto de Investigación Sanitaria  
Biogipuzkoa (IIS Biogipuzkoa-  
Biodonostia)

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

# Ayudas Predoctorales AECC 2023 La Rioja

## Adjudicatarios

**D<sup>a</sup>. 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

**D. Victor Pozo Gavara**

Universidad de La Rioja

Design, preparation and formulation of sunscreens with increased performance

# Ayudas Predoctorales AECC 2023 León

## Adjudicatarios

Convocatoria desierta.

# Ayudas Predoctorales AECC 2023 Madrid

## Adjudicatarios

**D<sup>a</sup>. Teresa Martí Nin**

Centro Nacional Investigaciones  
Oncológicas (CNIO)

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

**D<sup>a</sup>. 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

**D<sup>a</sup>. 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)

**D. Jiangchuan He**

Centro Nacional Investigaciones  
Oncológicas (CNIO)

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

# Ayudas Predoctorales AECC 2023 Málaga

## Adjudicatarios

**D<sup>a</sup>. 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

**D<sup>a</sup>. 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

# 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

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

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

# 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

**D<sup>a</sup>. Ana Ferrero Mico**

Centro de Investigación Príncipe Felipe-CIPF

Trophoblast Invasion: New Insights into Cancer Metastasis using Human Placenta

**D<sup>a</sup>. Nadia García Parra**

UPV - Centro de Biomateriales e Ingeniería Tisular (CBIT)

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

**D<sup>a</sup>. Sandra Boldú Fernández**

Instituto de Investigación Sanitaria (INCLIVA)

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

**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)

**D<sup>a</sup>. Mahboobeh Sarajian Namic**

Instituto de Física Corpuscular (IFIC)

Improving targeted radionuclide oncotherapy with a Compton dosimeter

# Ayudas Predoctorales AECC 2023 Valladolid

## Adjudicatarios

**D<sup>a</sup>. Lucía Álvarez Frutos**

Instituto de Biología y Genética  
Molecular, IBGM-CSIC

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

**D. Alejandro del Hierro González**

Instituto de Biología y Genética  
Molecular, IBGM-CSIC

Identification of non-invasive biomarkers for  
personalized colorectal cancer  
management