CURRÍCULUM VÍTAE NORMALIZADO



CARLES BARCELÓ PASCUAL

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Date of document: 27/04/2025

v 1.4.3

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GOBIERNO DE ESPAÑA
MINISTERIO DE CIENCIA, INNOVACIÓN Y UNIVERSIDADES

FECYT INNOVACIÓN

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.

My top-10 major contributions:

-The establishment and leadership of the group "Translational Pancreatic Cancer Oncogenesis" at the Health Institute of the Balearic Islands (IDISBA). A translational group composed of clinicians and basic researchers mainly focused on the cooperation mechanisms used by oncogenes for the initiation of Pancreatic ductal adenocarcinoma (PDAC), the deadliest type of cancer (recently reviewed in the following open access publications: **Jimenez et al. IJMS 2024; Perelló-Reus et al. Front in Oncol 2022; Malagraba, et al. Biomolecules 2022,; Javed, et al. Future Pharmacol. 2022 and Torrens-Mas. et al Int. J. Mol. Sci, 2021**.as last/corresponding author).

- **Competitive projects as a junior PI**. As a PI, I received competitive funding from ISCIII (**Project MS19/00100**; 242.500 €; **Project PI20/01267**; 93.170 €; **Project COV20/00571**; 25.000 €; **Project MV21/00099**, 12.160 €) and by LaMarató TV3 (**Project 202107-32**; 335.000 €).and from the Government of the Balearic Islands (GOIB): research talent program (**Project FOLIUM19/01**, 83,999.93 €, **Project TECH19/03**, 81,232.59 € and **Project TECH-2023** (ITS2023-057), 97,568 €) and a **Project "SOIB Research and Innovation"**, 165,544.6 €). I participate in **TRANSCAN european grant** (TRANSPAN CA21116, 395.615 €; participated in 39.612 €), **PancREatic Cancer OrganoiDs rEsearch** (PRECODE-MSCA) participating in 72.635€) and and **RESILIENCE-MSCA** (participated in.282,188 €).

- **The discovery of host factors required for SARS-CoV-2 infection and related to severe COVID-19** as a last/corresponding author in open-access publications (**Torrens-Mas et al. Int J Mol Sci 2022; Ibarguen-Gonzalez et al. Com Med 2025**) and the collaboration to the seminal discovery of an essential requirement for infection (**Ugalde et al. EMBO J. 2022**)

-During my PhD at Universitat de Barcelona I was the **first author of the seminal study describing the requirement of the phosphorylation of KRAS oncogene to fully display its oncogenic features and its relevance for directed therapy** (Barceló C, et al. Cancer Res.doi: 10.1158/0008-5472.CAN-13-1750)

-During my stay at DFCI- Harvard Medical School (Boston, USA), I found that the **oncogenic functionality of KRAS in PDAC relies on an interactor for anti-apoptotic signaling and immune exclusion with high clinical relevance** (Barceló C, et al. doi: 10.1053/j.gastro.2014.06.041) (first journal of its category) commented in Siveke JT. doi: 10.1053/j.gastro.2014.08.026.). **I also analyzed the mechanisms involved in the nuclear exportation of oncogenes and tumor suppressors to explore new therapeutic strategies in collaboration with the pharmaceutical industry** (Karyopharm Therapeutics (Boston, USA) (coauthor in Etchin et al, Leukemia. doi: 10.1038/leu.2012.219).

-During my stay at Liverpool University (UK), I studied the distribution of KRAS proteins in the inner leaflet of the plasma membrane by electron microscopy. I found that **oncogenic KRAS forms spatially and functionally distinct nanoclusters that allow the effector activation** (Barceló C et al. J Cell Sci. doi: 10.1242/jcs.123737)

-For these studies I received several academic **Awards such as the "Premi Extraordinari de doctorat" and the "Premi Claustre de Doctors" (Doctors' Senate Awards) for the best thesis** from Universitat de Barcelona. My previous academic records also include the **Spanish National Prize awarded to the best BSc Biochemistry obtained in Spain** and the " **Premi Extraordinari**" from Univ Illes Balears for the highest university qualification for the BSc in Biology

-During my postdoc I was awarded the prestigious **AECC Grant for Oncologic Research** (ref:AIO15-2925) (200.000 €) (10 grants awarded every year and handed in by H.M. Queen Letizia) and **Juan de la Cierva-formación** (FJCI-2014-21215) fellowship. Also, my group received the **ERC Advanced Grant EditCRC-ERC Advanced Grant** (2.499.405 €). Part of my work was published as a **coauthor in Nature Genetics**(Calon A, et al. Nat Genet. doi: 10.1038/ng.3225)

-My mentoring experience includes the **supervision of the Master thesis** of 13 students of the Master in Data Science (UOC/UIB)

CARLES BARCELÓ PASCUAL

Surname(s):	**BARCELÓ PASCUAL**
Name:	**CARLES**
DNI:	**43161585S**
ORCID:	**0000-0003-2551-2136**
Date of birth:	**29/08/1983**
Gender:	**Male**
Nationality:	**Spain**
Country of birth:	**Spain**
Aut. region/reg. of birth:	**Balearic Islands**
City of birth:	**PALMA DE MALLORCA**
Contact address:	**CARRER MANACOR 109, 8B**
Postcode:	**07007**
Contact country:	**Spain**
Contact aut. region/reg.:	**Balearic Islands**
Contact city:	**Palma de Mallorca**
Land line phone:	**971246602**
Email:	**carles.barcelo@gmail.com**
Mobile phone:	**(+34) 686841995**
Personal web page:	**https://www.linkedin.com/in/carles-barcel%C3%B3-phd-644905133/**

Current professional situation

1 **Employing entity:** Universitat de Barcelona — **Type of entity:** University
Department: School of Medicine
Start date: 09/09/2024

2 **Employing entity:** Universitat Oberta de Catalunya — **Type of entity:** University
Professional category: Associate Professor
Start date: 07/01/2019
Dedication regime: Part time

3 **Employing entity:** UVic-UCC — **Type of entity:** University
Professional category: Associate Professor
Start date: 04/09/2017
Dedication regime: Part time

Previous positions and activities

	Employing entity	Professional category	Start date
1	Fundació Institut de Investigació Sanitària de les Illes Balears	Principal Investigator- Miguel Servet I	05/02/2020
2		Senior Postdoctoral Researcher	04/02/2019

	Employing entity	Professional category	Start date
	Institut d`Investigacions Biomèdiques August Pi i Sunyer		
3		Carrer break for caregiving relative	20/12/2017
4	DFCI/Harvard Medical School	Postdoctoral Researcher	03/01/2017
5	IRB BARCELONA	Postdoctoral Research Fellow	01/05/2014
6	Universitat de Barcelona	Predoctoral student	10/09/2009
7	DFCI/Harvard Medical School	Researcher	01/05/2012
8	University of Liverpool	Researcher	01/09/2010

1 **Employing entity:** Fundació Institut de Investigació Sanitària de les Illes Balears
Professional category: Principal Investigator- Miguel Servet I
Start-End date: 05/02/2020 - 20/05/2024

2 **Employing entity:** Institut d`Investigacions Biomèdiques August Pi i Sunyer **Type of entity:** R&D Centre
City employing entity: Spain
Professional category: Senior Postdoctoral Researcher
Start-End date: 04/02/2019 - 03/02/2020

3 **Professional category:** Carrer break for caregiving relative
Start-End date: 20/12/2017 - 04/02/2019 **Duration:** 1 year - 1 month - 5 days

4 **Employing entity:** DFCI/Harvard Medical School
Professional category: Postdoctoral Researcher
Start-End date: 03/01/2017 - 20/12/2017

5 **Employing entity:** IRB BARCELONA **Type of entity:** R&D Centre
City employing entity: Spain
Professional category: Postdoctoral Research Fellow
Start-End date: 01/05/2014 - 12/12/2016

6 **Employing entity:** Universitat de Barcelona **Type of entity:** University
Department: Department of Cell Biology, Immunology and Neurosciencies, Facultat de Medicina
City employing entity: BARCELONA, Catalonia, Spain
Professional category: Predoctoral student **Leadership and management (Y/N):** No
Start-End date: 10/09/2009 - 01/03/2014 **Duration:** 4 years
Type of contract: Grant-assisted student (pre or post-doctoral, others)
Performed tasks: Lab work to qualify for a PhD Thesis. Study on the oncogenic function of the postranslational modification of the oncogenic KRAS protein by phosphorylation at Ser181
Applicability in teaching and/or research: Assistant professor of the subject CELL BIOLOGY (Degree in Medicine, School of Medicine, University of Barcelona)

7 **Employing entity:** DFCI/Harvard Medical School
City employing entity: United States of America
Professional category: Researcher
Start-End date: 01/05/2012 - 01/08/2013

8 **Employing entity:** University of Liverpool
City employing entity: United Kingdom
Professional category: Researcher
Start-End date: 01/09/2010 - 21/12/2010

Education

University education

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

1 **University degree:** Higher degree
Name of qualification: Degree in BIOCHEMISTRY
City degree awarding entity: Palma de Mallorca, Balearic Islands, Spain
Degree awarding entity: University of the Balearic Islands
Date of qualification: 01/06/2007
Average mark: Excellent
Prize: Special award for degree
Standardised degree: Yes
Foreign qualification: Licenciado en Bioquímica

2 **University degree:** Higher degree
Name of qualification: Degree in BIOLOGY
City degree awarding entity: Palma de Mallorca, Balearic Islands, Spain
Degree awarding entity: University of the Balearic Islands **Type of entity:** University
Date of qualification: 01/06/2006
Average mark: Excellent
Prize: Special award for degree
Standardised degree: Yes
Foreign qualification: Licenciado en Biología Especialidad Biología Celular y Molecular

Doctorates

Doctorate programme: Doctor in BIOMEDICINE
Degree awarding entity: University of Barcelona **Type of entity:** University
City degree awarding entity: Barcelona, Catalonia, Spain
Date of degree: 20/02/2014
European doctorate: Yes **Date of certificate:** 08/04/2015
Thesis title: Role of Ser181 phosphorylation on KRAS oncogenesis
Thesis director: Neus Agell
Obtained qualification: MAGNA CUM LAUDE
Recognition of quality: Yes
Special doctorate award: Yes **Date of award:** 03/02/2016
Standardised degree: Yes

Other postgraduate university studies

1 **Postgraduate qualification:** Acreditació Professor CONTRACTAT DOCTOR
Degree awarding entity: Agència Qualitat Universitària Illes Balears
Date of qualification: 2018

2 **Postgraduate qualification:** Acreditació Professor LECTOR
Degree awarding entity: Agència Qualitat Universitària de Catalunya **Type of entity:** State agency
Date of qualification: 2017

3 **Postgraduate qualification:** Acreditation Animal Experimentation for research personnel
Degree awarding entity: Generalitat de Catalunya **Type of entity:** Local government
Date of qualification: 2010

4 **Postgraduate qualification:** Master in BIOMEDICINE
Degree awarding entity: University of Barcelona **Type of entity:** University
Faculty, institute or centre: School of Medicine
Date of qualification: 01/09/2009

5 **Postgraduate qualification:** Proficiency in English
Degree awarding entity: EMBAJADA DEL REINO UNIDO (BRITISH COUNCIL)
Date of qualification: 2004

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
German	B1	B2	B1	B1	B2
Italian	B2	B2	B2	B2	C1
English	C2	C2	C1	C1	C2
Catalan	C2	C2	C2	C2	C2
Spanish	C2	C2	C2	C2	C2

Teaching experience

General teaching experience

1 **Name of the course:** Bioestatistics (6 ECTS)
University degree: Degree in Podiatry/Physiotherapy
End date: 28/06/2024
Entity: University of Manresa

2 **Name of the course:** Bioestatistics (6 ECTS)
University degree: Degree in Physiotherapy
End date: 29/06/2023

Entity: University of Manresa
Faculty, institute or centre: School of Health Sciences

3 **Name of the course:** Bioestadística (6 ECTS)
University degree: Degree in Podiatry
End date: 15/02/2023
Entity: University of Manresa

4 **Name of the course:** Bioestadística (6 ECTS)
University degree: Degree in Podiatry
Start date: 05/09/2021 **End date:** 15/02/2022
Entity: University of Manresa **Type of entity:** University
Faculty, institute or centre: Faculty of Sciences

5 **Name of the course:** Bioestadística (6 ECTS)
University degree: Degree in Podiatry
Start date: 05/09/2020 **End date:** 15/02/2021
Entity: University of Manresa **Type of entity:** University
Faculty, institute or centre: Faculty of Sciences

6 **Name of the course:** Bioestadística (6 ECTS)
University degree: Degree in Podiatry
Start date: 05/09/2019 **End date:** 15/02/2020
Entity: University of Manresa **Type of entity:** University
Faculty, institute or centre: Faculty of Sciences

7 **Name of the course:** Bioestadística (6 ECTS)
University degree: Degree in Podiatry
Start date: 05/09/2018 **End date:** 15/02/2019
Entity: University of Manresa **Type of entity:** University
Faculty, institute or centre: Faculty of Sciences

8 **Name of the course:** Histology (10 ECTS)
University degree: Degree in Podiatry
Start date: 04/09/2017 **End date:** 22/06/2018
Entity: University of Manresa **Type of entity:** University
Faculty, institute or centre: Faculty of Sciences

9 **Name of the course:** Bioestadística (6 ECTS)
University degree: Degree in Podiatry
Start date: 04/09/2017 **End date:** 15/02/2018
Entity: University of Manresa **Type of entity:** University
Faculty, institute or centre: Faculty of Sciences

10 **Name of the course:** CELL BIOLOGY
University degree: Degree in MEDICINE
Start date: 2009 **End date:** 2012
Entity: University of Barcelona **Type of entity:** University
Faculty, institute or centre: School of Medicine

11 **Name of the course:** MOLECULAR BIOLOGY AND METABOLISM
University degree: Degree in BIOCHEMISTRY
Start date: 20/09/2009 **End date:** 21/06/2010
Entity: University of the Balearic Islands **Type of entity:** University
Faculty, institute or centre: School of Sciences

12 **Name of the course:** Treball final de Master (Master Thesis)
University degree: Master in Data Science
Start date: 04/02/2019
Entity: Universitat Oberta de Catalunya **Type of entity:** University

Experience supervising doctoral thesis and/or final year projects

1 **Project title:** "Mapping the comparative landscape of energetic and allosteric mutational effects of the PDZ domain family"
Entity: Universitat Oberta de Catalunya **Type of entity:** University
Student: Aina Martí Aranda
Date of reading: 13/06/2023

2 **Project title:** “Discovering key host factors in SARS-CoV-2 infection”
Entity: Universitat de les Illes Balears **Type of entity:** University
Student: Alba Maria Gómez Valero
Date of reading: 08/07/2022

3 **Project title:** “Predictive model of pancreatic ductal adenocarcinoma” (Master Thesis)
Entity: Universitat Oberta de Catalunya **Type of entity:** University
Student: Antoni Vanrell Valls
Date of reading: 23/06/2022

4 **Project title:** ”Study of the gene response regulated by stem cells in breast cancer” (Master Thesis)
Entity: Universitat Oberta de Catalunya **Type of entity:** University
Student: Iván López-Baltasar
Date of reading: 13/01/2021

5 **Project title:** “Identification of a common stemness signature in breast cancer and mantle cell lymphoma” (Master Thesis)
Entity: Universitat Oberta de Catalunya **Type of entity:** University
Student: Jon Ortiz
Date of reading: 01/07/2020

6 **Project title:** “Study of the processes that regulate the population of tumor stem cells in PDAC”(Master Thesis)
Entity: Universitat Oberta de Catalunya **Type of entity:** University
Student: Sixto Santamaría
Date of reading: 27/06/2020

7 **Project title:** "Study of the gene response regulated by DNA stress: processes regulated by RNAaseH” (Master Thesis)
Entity: Universitat Oberta de Catalunya **Type of entity:** University
Student: Antonio Palazón
Date of reading: 26/06/2020

8 **Project title:** "Study of the molecular bases of breast cancer" (Master Thesis)
Entity: Universitat Oberta de Catalunya **Type of entity:** University
Student: Gabriel Quintairos
Date of reading: 20/01/2020

9 **Project title:** "Study of the KRAS gene biomarkers in pancreatic ductal adenocarcinoma" (Master Thesis)
Entity: Universitat Oberta de Catalunya **Type of entity:** University
Student: Diana Cózar
Date of reading: 15/01/2020

10 **Project title:** "Study of the transcriptional function of cyclin D1 in leukemia" (Master Thesis)
Entity: Universitat Oberta de Catalunya **Type of entity:** University
Student: Antonio Millan
Date of reading: 05/07/2019

11 **Project title:** "Comparasion of the genetic expression regulated by CCND1 in breast cancer and MCL" (Master Thesis)
Entity: Universitat Oberta de Catalunya **Type of entity:** University
Student: Irene Calvo
Date of reading: 01/07/2019

Scientific and technological experience

Scientific or technological activities

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

1 **Name of the project:** A Translational approach to study Pancreatic cancer resistance
Entity where project took place: Institut d'Investigació Sanitària de les Illes Balears-IDISBA
Name principal investigator (PI, Co-PI....): Carles Barceló; Juan José Segura-Sampedro
Nº of researchers: 2
Funding entity or bodies:
Govern de les Illes Balears **Type of entity:** Public Research Body
Start-End date: 01/07/2024 - 01/07/2027
Total amount: 109.432 €

2 **Name of the project:** Research contract “TECH-2023”
Entity where project took place: Institut d'Investigació Sanitària de les Illes Balears-IDISBA **Type of entity:** Foundation
Nº of researchers: 2
Funding entity or bodies:
Govern de les Illes Balears **Type of entity:** -
Start-End date: 01/02/2024 - 02/02/2027
Total amount: 97.568 €

3 **Name of the project:** AECC Predoctoral Illes Balears
Entity where project took place: Institut d'Investigació Sanitària de les Illes Balears-IDISBA
Funding entity or bodies:
Asociación Española Contra el Cáncer **Type of entity:** Associations and Groups

Start-End date: 15/10/2023 - 15/10/2026
Total amount: 73.500 €

4 **Name of the project:** "Identification of biological markers for prevention and translational medicine in pancreatic cancer" (TRANSPAN)
Entity where project took place: Institut d'Investigació Sanitària de les Illes Balears-IDISBA **Type of entity:** Foundation
Name principal investigator (PI, Co-PI....): Federico Canzian
Nº of researchers: 8
Funding entity or bodies:
European Union-COST action

Start-End date: 01/08/2023 - 10/10/2026
Total amount: 39.612 €

5 **Name of the project:** MARATÓ 167-C-2021 51 COVID-19 cardiometabolic and immune proteomic biomarkers for clinical evaluation on infection, disease severity and post-pandemic health complications
Entity where project took place: Institut d'Investigació Sanitària de les Illes Balears- IDISBA **Type of entity:** Foundation
City of entity: Barcelona, Spain
Name principal investigator (PI, Co-PI....): CARLES BARCELÓ
Nº of researchers: 3
Funding entity or bodies:
Fundació La Marató TV3 **Type of entity:** Foundation

Type of participation: Principal investigator
Start-End date: 01/09/2021 - 01/09/2026
Total amount: 389.889 €

6 **Name of the project:** Estudio del papel del PLAC8 en la progresión tumoral y metástasis en PDAC
Entity where project took place: Institut d'Investigació Sanitària de les Illes Balears- IDISBA
Name principal investigator (PI, Co-PI....): Barceló
Nº of researchers: 2
Funding entity or bodies:
Hospital Universitario Son Espases

Start-End date: 01/03/2023 - 03/03/2025
Total amount: 5.000 €

7 **Name of the project:** PI20/01267.- Estudio del impacto de las alteraciones genéticas en las células madre tumorales del adenocarcinoma ductal de páncreas mediante edición genética
Entity where project took place: Institut d'Investigació Sanitària de les Illes Balears- IDISBA
City of entity: Palma de Mallorca, Spain
Name principal investigator (PI, Co-PI....): CARLES BARCELÓ
Funding entity or bodies:
Instituto de Salud Carlos III **Type of entity:** Public Research Body

Type of participation: Principal investigator
Start-End date: 04/02/2020 - 05/02/2025

Total amount: 93.170 €

8 **Name of the project:** Estudio multidisciplinar de la supervivéncia en cáncer de páncreas mediante predictores epidemiológicos, clínicos y moleculares
Entity where project took place: Institut d'Investigació Sanitària de les Illes Balears-IdISBa
Name principal investigator (PI, Co-PI....): Carles Barceló; Juan José Segura-Sampedro
Nº of researchers: 2
Funding entity or bodies:
Conselleria de Sanitat **Type of entity:** Public Administration

Start-End date: 03/06/2024 - 03/06/2024
Total amount: 60.000 €

9 **Name of the project:** MS19/00100.-STUDYING THE IMPACT OF GENETIC ALTERATIONS ON PANCREATIC DUCTAL ADENOCARCINOMA (PDAC) STEM CELLS BY GENOME EDITING
Entity where project took place: Institut d'Investigació Sanitària de les Illes Balears- IDISBA
City of entity: Palma de Mallorca,
Name principal investigator (PI, Co-PI....): CARLES BARCELÓ
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: 01/01/2021 - 01/01/2024
Total amount: 242.500 €

10 **Name of the project:** PancREatic Cancer OrganoiDs rEsearch (PRECODE)
Entity where project took place: Institut d'Investigació Sanitària de les Illes Balears-IDISBA **Type of entity:** Foundation
Nº of researchers: 24
Funding entity or bodies:
European Comission **Type of entity:** Public Research Body

Start-End date: 01/01/2020 - 01/01/2024
Total amount: 3.717.084 €

11 **Name of the project:** AP_2021_041.-Design of a Precision Oncology Platform for Pancreatic Cancer (PDAC) using patient-derived organoids
Entity where project took place: Institut d'Investigació Sanitària de les Illes Balears- IDISBA
Nº of researchers: 1
Start-End date: 05/05/2023 - 06/11/2023
Total amount: 24.800 €

12 **Name of the project:** TECH19/03
Entity where project took place: Institut d'Investigació Sanitària de les Illes Balears- IDISBA
Name principal investigator (PI, Co-PI....): CARLES BARCELÓ
Nº of researchers: 3
Funding entity or bodies:
Conselleria de Sanitat i Consum **Type of entity:** Autonomic Government

Type of participation: Principal investigator
Start-End date: 10/10/2020 - 10/10/2023
Total amount: 81.232 €

13 **Name of the project:** FOLIUM19/01
Entity where project took place: Institut d'Investigació Sanitària Illes Balears-IDISBA
Name principal investigator (PI, Co-PI....): CARLES BARCELÓ
Nº of researchers: 3
Funding entity or bodies:
Conselleria de Sanitat i Consum **Type of entity:** Autonomic Government

Type of participation: Principal investigator
Start-End date: 10/10/2020 - 10/10/2022
Total amount: 84.000 €

14 **Name of the project:** MV21/00099- Study of the impact of genetic alteration on Pancreatic ductal adenocarcinoma stem cells
Entity where project took place: Universidad Pompeu Fabra **Type of entity:** University
Funding entity or bodies:
Instituto de Salud Carlos III **Type of entity:** Public Research Body

Start-End date: 17/01/2022 - 17/07/2022
Total amount: 12.160 €

15 **Name of the project:** COV20/00571.-DECIPHERING ACE2-MEDIATED SARS-COV2 LUNG INFECTION
Entity where project took place: Institut d'Investigació Sanitària de les Illes Balears- IDISBA **Type of entity:** R&D Centre
City of entity: Palma de Mallorca, Spain
Name principal investigator (PI, Co-PI....): CARLES BARCELO
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: 08/05/2020 - 08/05/2021
Total amount: 25.000 €

16 **Name of the project:** A genome editing-based approach to study the stem cell hierarchy of human colorectal cancers
Entity where project took place: IRB BARCELONA **Type of entity:** R&D Centre
City of entity: BARCELONA, Balearic Islands, Spain
Name principal investigator (PI, Co-PI....): 1
Funding entity or bodies:
European Research Council Advanced Grant. ERC-2013-ADG 340176 **Type of entity:** Public Research Body

Type of participation: Team member
Start-End date: 2014 - 2019
Total amount: 2.499.405 €

17 **Name of the project:** Red Temática de Investigación Cooperativa en Cáncer (RTICC)
Entity where project took place: IRB BARCELONA **Type of entity:** R&D Centre
City of entity: BARCELONA, Catalonia, Spain
Name principal investigator (PI, Co-PI....): GABRIEL CAPELLÀ
Nº of researchers: 15

Funding entity or bodies:
Instituto de Salud Carlos III. Ministerio de Economía y Competitividad **Type of entity:** Public Research Body
City funding entity: MADRID, Community of Madrid, Spain

Type of participation: Team member
Start-End date: 2013 - 2016
Total amount: 75.000 €

18 **Name of the project:** Relevancia de la fosforilacion de k-ras y de las alteraciones del checkpoint de replicacion del dna en la oncogenesis
Entity where project took place: Universitat de Barcelona **Type of entity:** University
City of entity: BARCELONA, Catalonia, Spain
Funding entity or bodies:
MICINN **Type of entity:** State agency
City funding entity: MADRID, Community of Madrid, Spain

Type of participation: Team member
Start-End date: 2011 - 2013
Total amount: 417.900 €

19 **Name of the project:** NIH-funded project: NIH_PAR16-457_01
Entity where project took place: Institut d`Investigacions Biomèdiques August Pi i Sunyer **Type of entity:** R&D Centre
City of entity: BARCELONA, Catalonia, Spain
Nº of researchers: 15
Funding entity or bodies:
National Institute of Health USA **Type of entity:** Public Research Body

Type of participation: Team member
Start date: 07/01/2019
Total amount: 1.000.000 €

R&D non-competitive contracts, agreements or projects with public or private entities

Name of the project: Phase Iii, International, Randomized Trial Of Trabectedin Plus Pegylated Liposomal Doxorubicin (Dlp) Compared To Carboplatin Plus Dlp In Ovarian Cancer Patients With Progression Within 6-12 Months Of Last Platinum Therapy
Nº of researchers: 23
Funding entity or bodies:
Mario Negri Gynecologic Oncology group- MaNGO

Scientific and technological activities

Scientific production

Publications, scientific and technical documents

1 BARCELÓ C; Etchin J; Mansour M; Sanda T; Morell-Ginesta M; Sánchez-Arevalo Lobo, VJ; Real FX; Capellà G; Estanyol JM; Jaumot M; Look AT; Agell N. Ribonucleoprotein HNRNPA2B1 Interacts With and Regulates Oncogenic KRAS in Pancreatic Ductal Adenocarcinoma Cells. GASTROENTEROLOGY. 147 - 4, pp. 882. AGAJOURNALS, 03/07/2014. ISSN 0016-5085

DOI: 10.1053/j.gastro.2014.06.041

Type of production: Scientific paper

Format: Journal

Position of signature: 1

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 12

Corresponding author: No

Relevant results: first journal of its category This article was featured in the editorial of Gastroenterology.The article received the following comment in :The increasing diversity of KRAS signaling in pancreatic cancer. [Gastroenterology. 2014]

Relevant publication: Yes

2 Lesly Ibarguen-Gonzalez; Sandra Heller; Darío López-García; Alba M Gómez-Valero; Thomas FE Barth; Patricia Gallego; Israel Fernández-Cárdenas; Sayoa Alzate-Piñol; Catalina Crespí; Julieth A Mena-Guerrero; Eugenia Cisneros-Barroso; Alejandro P Ugalde; Gabriel Bretones; Charlotte Steenblock; Alexander Kleger; Marta L DeDiego; Carles Barceló. Host Factor PLAC8 is Required for Pancreas Infection by SARS-CoV-2. Communications Medicine. Springer Nature, 03/02/2025.

DOI: 10.1038/s43856-025-00745-6

Type of production: Scientific paper

Format: Journal

Position of signature: 17

Total no. authors: 17

Corresponding author: Yes

3 Juan González-Moreno; Álvaro Gragera-Martínez; Adrián Rodríguez; Crisitina Borrachero-Garro; Sandra García-Garrido; Carles Barceló; Ana Manovel-Sánchez; Maria Antònia Ribot-Sansó; Lesly Ibargüen-González; Rosa Gomila; Francisco Muñoz-Beamud,; Inés Losada- López; Eugenia Cisneros-Barroso. Biomarkers of axonal damage to favor early diagnosis in variant transthyretin amyloidosis (A-ATTRv). SCIENTIFIC REPORTS. 14, pp. 2045 - 2322. NATURE, 05/01/2024.

DOI: 10.1038/s41598-023-50212-2

Type of production: Scientific paper

Format: Journal

Position of signature: 6

Total no. authors: 13

Corresponding author: No

4 Catalina M. Perelló-Reus; Irene Felipe; Lesly Ibargüen-González; Julieth Mena-Guerrero; Juan-José Segura-Sampedro; Rafael Morales; F.X. Real; Carles Barceló. PLAC8 is associated with the classical subtype and regulates EMT in pancreatic ductal adenocarcinoma. PANCREATOLOGY. ELSEVIER, 05/11/2023.

DOI: 10.1016/j.pan.2023.06.755

Type of production: Scientific paper

Format: Journal

Position of signature: 8

Total no. authors: 8

Corresponding author: Yes

5 Lesly Ibargüen-González; Alba M. Gómez-Valero; Marta López de Diego; Charlotte Steenblock; Sandra Heller; Alejandro P. Ugalde; Gabriel Bretones; Patricia Gallego; Catalina Crespí; Eugenia Cisneros-Barroso; Carles Barceló. SARS-CoV-2 infection of the pancreas is dependent on host factor PLAC8. PANCREATOLOGY. Elsevier, 05/11/2023.

DOI: 10.1016/j.pan.2023.06.521

Type of production: Scientific paper **Format:** Journal

Position of signature: 11

Total no. authors: 11 **Corresponding author:** Yes

6 Alejandro Ugalde; Gabriel Bretones; David Rodríguez; Víctor Quesada; Francisco Llorente; Raul Fernández; Miguel Ángel Giménez; Jesús Vázquez; Enrique Calvo; Isaac Tamargo; Guillermo Mariño; Daniel Roiz; Daniel Maeso; MIguel Araujo; Yaiza Español; CARLES BARCELÓ; Ugalde; José MP Freije; Carlos López-Otín. Autophagy-linked plasma and lysosomal membrane protein PLAC8 is a key host factor for SARS-CoV-2 entry into human cells. EMBO JOURNAL. 41 - 21, pp. 110727. EMBOPress, 02/11/2022.

DOI: 10.15252/embj.2022110727

Type of production: Scientific paper **Format:** Journal

Position of signature: 15 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 18 **Corresponding author:** No

7 Margalida Torrens-Mas; Catalina M Perelló-Reus; Neus Trias-Ferrer; Lesly Ibargüen-González; Catalina Crespí; Aina M Galmés-Panades; Cayetano Navas-Enamorado; Andrés Sánchez-Polo; Javier Piérola-Lopetegui; Luis Masmiquel; Lorenzo Socías-Crespí; CARLES BARCELÓ; Marta González-Freire. GDF15 and ACE2 stratify COVID-19 patients according to severity while ACE2 mutations increase infection susceptibility. FRONT. CELL. INFECT. MICROBIOL.12, pp. 942951. MDPI, 22/07/2022. Available on-line at: <https://www.frontiersin.org/articles/10.3389/fcimb.2022.942951/full>.

DOI: 10.3389/fcimb.2022.942951

Type of production: Scientific paper **Format:** Journal

Position of signature: 12 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 13 **Corresponding author:** Yes

8 Débora Cabot; Sónia Brun; Noelia Paco; Mireia M Ginesta; Nuria Gendrau-Sanclemente; Bara Abuasaker; Triana Ruiz-Fariña; CARLES BARCELÓ; Miriam Cautrecases; Marta Bosch; Carles Rentero; Gabriel Pons; Josep M Estanyol; Gabriel Capellà; Montserrat Jaumot; Neus Agell. KRAS phosphorylation regulates cell polarization and tumorigenic properties in colorectal cancer. ONCOGENE. 40 - 38, pp. 5730. Nature Publishing Group, 31/07/2021. Available on-line at: <https://www.nature.com/articles/s41388-021-01967-3>.

DOI: 10.1038/s41388-021-01967-3

Type of production: Scientific paper **Format:** Journal

Position of signature: 8 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 16 **Corresponding author:** No

9 BARCELÓ, C.; Paco, N; Cabot, D; Garrido, E; Agell, N; Jaumot, M. Detection of Phospho-KRAS by Electrophoretic Mobility Change in Human Cell Lines and in Tumor Samples from Nude Mice Grafts. BIO-PROTOCOL. 5 - 6, 20/03/2015. Available on-line at: <https://bio-protocol.org/e1421>.

DOI: 10.21769/BioProtoc.1421

Type of production: Scientific paper **Format:** Journal

Position of signature: 1 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 6 **Corresponding author:** Yes

10 Calon A; Espinet E; Hernando X; Iglesias M; Sevillano M; Berenguer A; Palomo-Ponce S; .Tauriello DVF; Byrom D; Cortina C; Morral C; BARCELÓ C; Riera A; Stephan-Otto C; Rossell D; Sancho E and Batlle E. Stromal genes define poor prognosis in Colorectal Cancer. NATURE GENETICS. 47 - 4, pp. 320 - 329. NATURE PUBLISHING GROUP, 23/02/2015.

DOI: 10.1038/ng.3225

Type of production: Scientific paper

Format: Journal

Position of signature: 13

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 20

Corresponding author: No

Relevant results: News & Views in Cancer Discovery (DOI: 10.1158/2159-8290. CD-RW2015-041) Research Highlight in Nature Reviews Clinical Oncology DECIL 1

11 BARCELÓ C; Paco N; Morell M; Alvarez-Moya B; Bota-Rabassedas N; Jaumot M; Vilardell F; Capella G and Agell N. Phosphorylation at Ser-181 of oncogenic KRAS is required for tumor growth. CANCER RESEARCH. 74 - 4, pp. 1190. AACRJOURNALS, 15/02/2014. ISSN 1538-7445

DOI: 10.1158/0008-5472.CAN-13-1750

Type of production: Scientific paper

Format: Journal

Position of signature: 1

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 9

Relevant results: This article was featured as “seminal study” in the editorial of Cancer Research. DECIL 1

12 BARCELÓ C; Paco N; Beckett AJ; Alvarez-Moya B; Garrido E; Gelabert M; Tebar F; Jaumot M; Prior I and Agell N. Oncogenic K-ras segregates at spatially distinct plasma membrane signaling platforms according to its phosphorylation status. JOURNAL OF CELL SCIENCE. 126(Pt 20) - 4553-9, The company of biologists, 15/10/2013.

DOI: 10.1242/jcs.123737

Type of production: Scientific paper

Format: Journal

Position of signature: 1

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 10

13 Etchin J; Sun Q; Kentsis A; Farmer A; Zhang ZC; Sanda T; Mansour MR; BARCELÓ C; McCauley D; Kauffman M; Shacham S; Christie AL; Kung AL; Rodig SJ; Chook YM and Look AT. Antileukemic activity of nuclear export inhibitors that spare normal hematopoietic cells. LEUKEMIA. 27 - 1, pp. 66. NATURE PUBLISHING GROUP, 2013. ISSN 0887-6924

DOI: 10.1038/leu.2012.219

Type of production: Scientific paper

Position of signature: 8

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 16

14 Alvarez-Moya B; BARCELÓ C; Tebar F; Jaumot M and Agell N. CaM interaction and Ser181 phosphorylation as new K-Ras signaling modulators. SMALL GTPases. 2 - 2, pp. 99. Taylor & Francis, 01/03/2011. ISSN 2154-1256

DOI: 10.4161/sgtp.2.2.15555

Type of production: Scientific paper

Position of signature: 2

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Total no. authors: 5

15 Diego J Jiménez; Aadil Javed; Teresa Tomàs-Rubio; Ndioba Seye-Loum; Carles Barceló. Clinical and Preclinical Targeting of Oncogenic Pathways in PDAC: Targeted Therapeutic Approaches for the Deadliest Cancer. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCE. 01/03/2024.

DOI: 10.3390/ijms25052860

Type of production: Review
Format: Journal
Position of signature: 5
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 5
Corresponding author: Yes

16 Catalina M Perelló-Reus; Teresa Rubio-Tomás; Eugenia Cisneros-Barroso; Lesly Ibargüen- González; Juan José Segura-Sampedro; Rafael Morales-Soriano; CARLES BARCELÓ. Challenges in precision medicine in pancreatic cancer: A focus in cancer stem cells and microbiota. FRONTIERS IN ONCOLOGY. 12, pp. 995357. Frontiers, 01/12/2022.
DOI: 10.3389/fonc.2022.995357
Type of production: Review
Format: Journal
Position of signature: 7
Degree of contribution: Author or co-author of review
Total no. authors: 7
Corresponding author: Yes

17 Aadil Javed; Gianluca Malagraba; Mahdieh Yarmohammadi; Catalina M. Perelló-Reus; Carles Barceló; Teresa Rubio-Tomás. Therapeutic Potential of Mitotic Kinases' Inhibitors in Cancers of the Gastrointestinal System. FUTURE PHARMACOLOGY. 2 - 3, pp. 214 - 237. MDPI, 30/06/2022.
DOI: 10.3390/futurepharmacol2030015
Type of production: Review
Format: Journal
Position of signature: 5
Total no. authors: 6
Corresponding author: Yes

18 Gianluca Malagraba; Mahdieh Yarmohammadi; Aadil Javed; CARLES BARCELÓ; Teresa Rubio-Tomàs. The Role of LSD1 and LSD2 in Cancers of the Gastrointestinal System: An Update. BIOMOLECULES. 12 - 3, pp. 462. MDPI, 17/03/2022. Available on-line at: <https://www.mdpi.com/2218-273X/12/3/462>.
DOI: 10.3390/biom12030462
Type of production: Review
Format: Journal
Position of signature: 4
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 5
Corresponding author: Yes

19 Margalida Torrens-Mas; Catalina Perelló-Reus; Cayetano Navas-Enanorado; Lesly Ibargüen; Andrés Sánchez-Polo; Juan José Segura-Sampedro; Lluis Masmiquel; CARLES BARCELÓ; Marta González-Freire. Organoids : An Emerging Tool To Study Aging Signature across Human Tissues. Modeling Aging with Patient-Derived Organoids. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCE. 22 - 19, pp. 10547. MDPI, 28/09/2021. Available on-line at: <https://doi.org/10.3390/ijms221910547>.
DOI: 10.3390/ijms221910547
Type of production: Review
Format: Journal
Position of signature: 8
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 9
Corresponding author: Yes

Works submitted to national or international conferences

1 **Title of the work:** Unveiling PDAC vulnerabilities from oncogenic addictions
Name of the conference: I ALIPANC Workshop
Corresponding author: Yes
City of event: Madrid, Spain
Date of event: 05/03/2024
End date: 05/03/2024
Organising entity: Centro Nacional de Investigaciones Oncológicas
Type of entity: Healthcare Institutions

Catalina M Perelló-Reus; Irene Felipe; Lesly Ibargüen-González; Julieth Mena-Guerrero; Rafael Morales; JJ Segura-Sampedro; Carles Barceló.

2 **Title of the work:** Host factor PLAC8 is required for pancreas infection by SARS-CoV-2
Name of the conference: X Jornades IDISBA
Corresponding author: Yes
Date of event: 30/11/2023
End date: 01/12/2023
Organising entity: Conselleria de Sanitat **Type of entity:** Public entity
L Ibargüen-González,; S Heller; M L. DeDiego; AM Gómez-Valero; P Gallego; C Crespí; JA Mena-Guerrero; E Cisneros-Barroso; A Kleger; Carles Barceló.

3 **Title of the work:** PLAC8 regulates metastasis and chemoresistance in Pancreatic Cancer
Name of the conference: X Jornades IDISBA
Corresponding author: Yes
City of event: Palma,
Date of event: 30/11/2023
End date: 01/12/2023
Organising entity: Conselleria de Sanitat **Type of entity:** Public entity
Catalina M Perelló-Reus,; Irene Felipe; Lesly Ibargüen-González; Julieth Mena-Guerrero,; JJ Segura-Sampedro; R Morales; FX Real; Carles Barceló.

4 **Title of the work:** PLAC8 is associated with the classical subtype and regulates EMT in pancreati c ductal adenocarcinoma
Name of the conference: European Pancreatic Club Meeting 2023
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Alpbach, Austria
Date of event: 28/06/2023
End date: 01/07/2023
Organising entity: EPC
City organizing entity: Austria
Catalina Perelló-Reus; Irene Felipe; Lesly Ibargüen-González; Julieth Mena-Guerrero; FX Real; Carles Barceló.

5 **Title of the work:** SARS-CoV-2 infecti on of the pancreas is dependent on host factor PLAC8
Name of the conference: European Pancreatic Club 2023
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Alpbach, Austria
Date of event: 28/06/2023
End date: 05/05/2023
Organising entity: EPC
Lesly Ibargüen-González; Alba M Gómez-Valero; Marta López de Diego; Sandra Heller; Charlotte Steenblock; Gabriel Bretones; Alejandro Ugalde; Patricia Gallego; Catalina Crespí; Eugenia Cisneros-Barroso; Carlos López-Otín; Carles Barceló.

6 **Title of the work:** PLAC8 promotes a classical program and regulates EMT in PDAC
Name of the conference: GRC Pancreatic Diseases
Type of event: Conference

Type of participation: 'Participatory - poster
Corresponding author: Yes
City of event: Lucca, Toscana, Italy
Date of event: 30/04/2023
End date: 05/05/2023
Organising entity: Gordon Research Conference
Catalina Perelló-Reus; Irene Felipe; Lesly Ibargüen-González; Julieth Mena-Guerrero; FX Real; Carles Barceló.

7 **Title of the work:** SARS-CoV-2 infection of exocrine pancreas is linked to autophagy-related host factors
Name of the conference: GRC Pancreatic Diseases
Corresponding author: Yes
City of event: Lucca, Italy
Date of event: 30/04/2023
End date: 05/05/2023
Organising entity: Gordon Research Conferences
Lesly Ibargüen-González; Alba M Gómez-Valero; Marta López de Diego; Sandra Heller; Charlotte Steenblock; Gabriel Bretones; Alejandro Ugalde; Patricia Gallego; Catalina Crespí; Eugenia Cisneros-Barroso; Carlos López-Otín; Carles Barceló.

8 **Title of the work:** A bench-to-bedside approach to treat PDAC
Name of the conference: IX Jornades IDISBA
Type of event: Workshop
Type of participation: 'Participatory - poster
Corresponding author: Yes
City of event: Palma, Spain
Date of event: 03/12/2022
End date: 05/12/2022
Organising entity: HUSE
Catalina M Perelló-Reus; Lesly Ibargüen-González; Alba Gómez; JuanJosé Segura-Sampedro; Carles Barceló.

9 **Title of the work:** SARS-CoV-2 infects exocine pancreas through an autophagy-linked host factor
Name of the conference: IX Jornades IDISBA
Type of event: Workshop
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Palma, Spain
Date of event: 03/12/2022
End date: 05/12/2022
Organising entity: HUSE
Lesly Ibargüen-González; Alba M Gómez-Valero; Marta López de Diego; Sandra Heller; Charlotte Steenblock; Gabriel Bretones; Alejandro Ugalde; Patricia Gallego; Catalina Crespí; Eugenia Cisneros-Barroso; Carlos López-Otín; Carles Barceló.

10 **Title of the work:** Prospective MALDI-TOF analysis of blood serum peptidome to predict the onset and progression of hereditary transthyretin amyloidosis
Name of the conference: XVIII International Symposium Amyloidosis
Type of event: Conference
Type of participation: 'Participatory - poster
Corresponding author: No
City of event: Heidelberg, Germany

Date of event: 04/09/2022
End date: 08/09/2022
Organising entity: ISA
Juan González_Moreno; Adrián Rodríguez; Catalina Perelló-Reus; Carles Barceló; Jaime Segura-Fuster; Rosa Gomila-Ribas; Ivan de Paul; Inés Losada; Eugenia Cisneros-Barroso.

11 **Title of the work:** Unraveling the role of ACE2 polymorphisms in COVID19 infection
Name of the conference: VII Jornades IDISBA
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: Yes
Date of event: 01/12/2021
Organising entity: IDISBA / HUSE
Catalina M Perelló-Reus; Lesly Ibargüen-González; Mar Reynes; Margalida Torrens-Mas; Carles Barceló.

12 **Title of the work:** A patient-derived organoids translationa approach to treat PDAC
Name of the conference: VII Jornades IDISBA
Type of event: Workshop
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Palma, Spain
Date of event: 01/12/2021
End date: 03/12/2021
Organising entity: HUSE
Catalina M Perelló-Reus; Lesly Ibargüen-González; Alba Gómez; JuanJosé Segura-Sampedro; Carles Barceló.

13 **Title of the work:** Study of ACE2-mediated COVID19 infection
Name of the conference: COVID19 Workshop
Corresponding author: Yes
City of event: Palma, Spain
Date of event: 29/10/2021
End date: 30/10/2021
Organising entity: HUSE
Catalina M Perelló-Reus; Lesly Ibargüen-González; Mar Reynes; Margalida Torrens-Mas; Carles Barceló.

14 **Title of the work:** A bench-to-bedside approach to overcome PDAC resistance
Name of the conference: 2nd International Workshop on Translational Cancer Research
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Palma, Spain
Date of event: 21/10/2021
End date: 22/10/2021
Organising entity: HUSE
Catalina M Perelló-Reus; Lesly Ibargüen-González; Alba Gómez; JuanJosé Segura-Sampedro; Carles Barceló.

15 **Title of the work:** "DECIPHERING ACE2-MEDIATED SARS-COV-2 LUNG INFECTION"
Name of the conference: VII Jornades IDISBA
Type of event: Conference

Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Palma de Mallorca, Balearic Islands, Spain
Date of event: 01/12/2020
End date: 02/12/2020
Organising entity: IDISBA/ HUSE **Type of entity:** R&D Centre
Ernest Terribas; Lesly Ibarguren; Gabriel Bretones; Jaume Sauleda; Carlos López-Otín; Carles Barceló. "Abstract book".

16 **Title of the work:** STUDYING THE IMPACT OF GENETIC ALTERATIONS ON PANCREATIC DUCTAL ADENOCARCINOMA (PDAC) STEM CELLS BY GENOME EDITING
Name of the conference: VII Jornades IDISBA
Type of event: Conference
Type of participation: 'Participatory - poster
Corresponding author: Yes
City of event: Palma de Mallorca, Balearic Islands, Spain
Date of event: 01/12/2020
End date: 02/12/2020
Organising entity: IDISBA/ HUSE **Type of entity:** R&D Centre
Ernest Terribas; Lesly Ibarguren; Alec Kimmelman; Juan José Segura-Sampedro; Carles Barceló; Rafael Morales. "Abstract book".

17 **Title of the work:** Phosphorylated and non-phosphorylated oncogenic K-Ras segregate to different plasma membrane domains and alters its oncogenic activity
Name of the conference: FEBS Workshop on Dynamics of Cell Signalling systems
Type of event: Conference
Type of participation: Participatory - invited/keynote talk
Corresponding author: Yes
City of event: Oslo, Norway
Date of event: 2014
C.Barceló; N. Paco; B.Alvarez-Moya; I.A. Prior; M. Jaumot and N. Agell. "Invited speaker".

18 **Title of the work:** Novel interaction between k-ras and hnrnp a2/b1 is regulated by k-ras phosphorylation at ser-181 and hnrnp a2/b1 nucleocytoplasmic shuttling
Name of the conference: EMBO Workshop on Mechanisms of Nucleocytoplasmic Trafficking
Type of event: Conference
Type of participation: 'Participatory - poster
Corresponding author: Yes
City of event: Jerusalem, Israel
Date of event: 2011
C. Barceló; B Álvarez-Moya; JM Estanyol2; M Jaumot and N Agell. "Invited Speaker".

19 **Title of the work:** Novel interaction between K-Ras and hnRNP A2/B1 regulated by K-Ras activation and phosphorylation at Serine 181
Name of the conference: 17th FEBS Workshop on Spatiotemporal Dynamics of Cell Signalling
Type of event: Conference
Type of participation: Participatory - invited/keynote talk
City of event: Oslo, Norway
Date of event: 2010
C. Barceló; J.M. Estanyol; B. Álvarez and N. Agell. "Oral communication, libro de resúmenes".

20 **Title of the work:** Novel interaction between K-Ras and hnRNP A2/B1 regulated by K-Ras activation and phosphorylation at Serine 181
Name of the conference: EMBO meeting
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Barcelona, Spain
Date of event: 2009
C. Barceló; J.M. Estanyol; B. Álvarez and N. Agell. "libro de resúmenes".

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

Committee title: Internal Scientific Committee
Primary (UNESCO code): 320703 - Carcinogenesis; 320713 - Oncology
Affiliation entity: IDISBA **Type of entity:** R&D Centre
Start date: 03/01/2022

Organization of R&D activities

Title of the activity: 2nd International Workshop on Translational Cancer Research
Type of activity: International Conference
Convening entity: IDISBA **Type of entity:** R&D Centre
City convening entity: Palma de Mallorca, Spain
Start-End date: 21/10/2021 - 22/10/2021 **Duration:** 2 days

R&D management

Name of the activity: Principal Investigator
Type of management: Group management
Entity: IDISBA **Type of entity:** R&D Centre
Start date: 04/02/2020

Other achievements

Stays in public or private R&D centres

1 **Entity:** DCEXS-UFP
Start-End date: 17/01/2022 - 18/07/2022
Goals of the stay: Guest

2 **Entity:** Institut d`Investigacions Biomèdiques August Pi i Sunyer **Type of entity:** R&D Centre
Start-End date: 2019 - 2020 **Duration:** 1 year
Goals of the stay: Post-doctoral

3 **Entity:** Harvard Medical School
Faculty, institute or centre: Dana Farner Cancer Institute
City of entity: Boston, United States of America
Start-End date: 2017 - 2017 **Duration:** 11 months - 26 days
Goals of the stay: Post-doctoral

4 **Entity:** IRB Barcelona
Start-End date: 2014 - 2016 **Duration:** 2 years - 8 months - 23 days
Goals of the stay: Post-doctoral

5 **Entity:** Institut de Ciències Fotòniques **Type of entity:** Foundation
City of entity: Barcelona, Catalonia, Spain
Start date: 2017 **Duration:** 3 months
Goals of the stay: Post-doctoral

6 **Entity:** Harvard Medical School, Harvard University
Faculty, institute or centre: Dana Farber- Cancer Institute
City of entity: Boston,
Start date: 2012 **Duration:** 1 year - 3 months
Goals of the stay: Doctorate

7 **Entity:** University of Liverpool
City of entity: Liverpool,
Start date: 2010 **Duration:** 2 months
Name of programme: Study of Oncogenic KRAS localization at plasma membrane signalling platforms
Goals of the stay: Doctorate

Obtained grants and scholarships

1 **Name of the grant:** MIGUEL SERVET- I
Awarding entity: Instituto de Salud Carlos III **Type of entity:** Public Research Body
Conferral date: 05/02/2020 **Duration:** 5 years
End date: 05/2025

2 **Name of the grant:** Ayudas para la movilidad de personal investigador contratado en el marco de la AES (M-AES)
Aims: Research stay
Awarding entity: Instituto de Salud Carlos III **Type of entity:** Public Research Body
Conferral date: 2022 **Duration:** 6 months
End date: 2022
Entity where activity was carried out: DCEXC-UPF

3 **Name of the grant:** Juan de la Cierva-Formación Postdoctoral FCJI-2014-21215
Aims: Post-doctoral
Awarding entity: Ministerio de Economía y Competitividad **Type of entity:** State agency
Conferral date: 01/10/2015 **Duration:** 2 years
End date: 01/10/2017
Entity where activity was carried out: IRB Barcelona

4 **Name of the grant:** Predoctoral grant from the Spanish Government FPU
Aims: Pre-doctoral
Awarding entity: Ministerio de Ciencia e Innovación **Type of entity:** Spanish Government
Conferral date: 2010 **Duration:** 4 years
End date: 2014
Entity where activity was carried out: School of Medicine, University of Barcelona

5 **Name of the grant:** FEBS young travel fellowship
Aims: Estancia
Awarding entity: Federation of European Biochemical Society
Conferral date: 2012
End date: 2012
Entity where activity was carried out: University of Oslo, Norway

6 **Name of the grant:** Long-term stay fellowship FPU
Aims: Pre-doctoral
Awarding entity: MINISTERIO DE EDUCACION Y CIENCIA
Conferral date: 2012 **Duration:** 6 months
End date: 2012
Entity where activity was carried out: HARVARD MEDICAL SCHOOL, BOSTON, USA

7 **Name of the grant:** Short-term stay fellowship FPU
Aims: predoctoral stay
Awarding entity: MINISTERIO DE EDUCACION Y CIENCIA
Conferral date: 2010 **Duration:** 3 months
End date: 2010
Entity where activity was carried out: UNIVERSITY OF LIVERPOOL, UK

8 **Name of the grant:** Introduction to Research Grant
Aims: Pre-doctoral
Awarding entity: Spanish Medical Research Council
Conferral date: 2006 **Duration:** 4 months
End date: 2006
Entity where activity was carried out: IBMB-CSIC, Barcelona, España

9 **Name of the grant:** AECC Ayudas a Investigadores en Oncología
Aims: Post-doctoral
Awarding entity: Asociación Española Contra el Cáncer **Type of entity:** Associations and Groups
Conferral date: 01/09/2016 **Duration:** 5 years
Entity where activity was carried out: IRB Barcelona, IDIBAPS

Scientific societies and professional associations

1 **Name of the society:** Catalan Society of Biology and Biochemistry (Societat Catalana de Biolgia i Bioquímica) (Spain)

2 **Name of the society:** Royal College “Complutense” at Harvard University (USA)

3 **Name of the society:** Spanish Society of Biochemistry and Molecular Biology (Sociedad Española de Bioquímica y Biología Molecular) (Spain)

4 **Name of the society:** The Biochemical Society (UK)

Prizes, mentions and distinctions

1 **Description:** Best conference poster award
Awarding entity: IDISBA
City awarding entity: Palma de Mallorca, Spain
Conferral date: 02/12/2020

2 **Description:** Best oral communication award
Awarding entity: IDISBA
City awarding entity: Palma de Mallorca, Spain
Conferral date: 02/12/2020

3 **Description:** "Premi Claustre de Doctors" (Doctoral Senate Award) for best thesis of the entire University of Barcelona
Awarding entity: Universitat de Barcelona **Type of entity:** University
City awarding entity: Barcelona, Catalonia, Spain
Conferral date: 11/02/2016

4 **Description:** Extraordinary award for best thesis of the Faculty
Awarding entity: School of Medicine, University of Barcelona **Type of entity:** University
City awarding entity: Barcelona, Catalonia, Spain
Conferral date: 2014

5 **Description:** Lindau Nobel Meetings in Physiology or Medicine
Awarding entity: Lindau Nobel Meetings
City awarding entity: Lindau,, Germany
Conferral date: 2011

6 **Description:** SPANISH NATIONAL PRIZE FOR BEST DEGREE IN BIOCHEMISTRY
Awarding entity: MINISTERIO DE EDUCACION Y CIENCIA
City awarding entity: Madrid, Community of Madrid, Spain

Conferral date: 2011

7 **Description:** Extraordinary Award for the Degree in BIOCHEMISTRY
Awarding entity: University of the Balearic Islands **Type of entity:** University
City awarding entity: Palma de Mallorca, Balearic Islands, Spain
Conferral date: 2008

8 **Description:** Award "Blas Cabrera" for best academic profiles
Awarding entity: Universidad Internacional Menéndez Pelayo Y Ministerio de Ciencia **Type of entity:** State agency
City awarding entity: Santander, Cantabria, Spain
Conferral date: 2007

9 **Description:** Extraordinary Award for the Degree in BIOLOGY
Awarding entity: Universidad de las Islas Baleares **Type of entity:** University
City awarding entity: Palma de Mallorca, Balearic Islands, Spain
Conferral date: 2006