

## **JOSEP CARRERAS FOUNDATION**

# **REPORT OF GRANTS AND RESEARCH PROJECTS IN COURSE**

**ICO/GTiP Campus Building**

**April 5<sup>th</sup>, 2018**

# **SCIENTIFIC PROGRAMS**

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**1. Proposed grants (2018)**

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# 1. PROPOSED GRANTS

## A. Non Clinical Junior Research Grant (EHA 2018)

Designation	Quantity	Dateline for the application	Media of diffusion
Non-Clinical Junior Research Grant EHA 2018	50.000 € year (2 years)	February 25th 2018	EHA web FIJC web EHA Newsletter

## B. Presidential Grant (P/AG 2018)

Designation	Quantity	Campus Receptor	Director	Coordinator
Grant P/AG 2018	40.000 € year (1year) Pau	St.	Ramon Mangués	Jordi Sierra

## C. ED Thomas Grant (proposed)

Designation	Quantity	Campus Receptor	Director	Coordinador
ED Thomas Grant 2018	40.000 € year (2 years) IJC FHCRC			

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## 2. AWARDED GRANTS (2017)

<b>Designation project</b>	<b>Winer</b>	<b>Center</b>	<b>Title of the project</b>	<b>Director of the</b>
Non-Clinical Junior Research Grant	Sergey O. Sulima	KU Leuven Department of Oncology Leuven, Belgium	Cooperation between NOTCH1 activation and the ribosomal L10-R98S mutation as a therapeutic target in ribosome-defective leukemia	
FIJC-16/EHA				
Non-Clinical Junior Research Grant	-	-		
FIJC-17/EHA				

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### 3. MONITORING REPORTS

Designation production	Types	Fellow and center	Title of the project	Director of the project	Scientific Publications
FIJC-09/ED THOMAS	Report 2013 (final)	<b>Dr. Adlen Foudi</b> Massachusetts General Hospital, Cancer Center and Center for Regenerative Medicine. Boston	"Role of Gfi-1 family of transcriptional repressors in normal hematopoiesis and leukemia"	Prof. Hanno Hock, M.D., Ph.D.	1 Presentation Congress ASH 2012 1 Presentation Hematopoiesis 2013 <b>1 Paper sent (2013)</b> <b>1 Poster (2013)</b>
FIJC-10/ED THOMAS	Report 2013 Report 2014	<b>Dr. Robert S. Welner</b> Post-Doctoral Fellow, Harvard Medical School (Beth Israel Deaconess Medical Center)	" $\beta$ catenin maintains leukemic stem cells by suppressing transcription factors required for differentiation"	Prof. Daniel G. Tenen	-
FIJC-11/ED THOMAS	Report 2013 Request for extension until 2017, without additional cost	<b>Dr. Pedro Pablo Medina</b> Postdoctoral Fellow at Yale University, New Haven, CT, USA.	MicroRNA-21 induced haematological malignancies.	Dr. Frank Slack	1 Publication 1 Publication Cell Reports (2012) 1 Publication PLoS One (2013) 1 Publication Biochimie (2013) 1 Publication J. proteomics (2013) 1 Publication Cancer Cell (2013) 1 Chapter book 15 Abstracts 8 Research Seminars 2 Honor Awards
FIJC-12-ED THOMAS	Report 2012 Report 2014 Report 2015	<b>Dra. Beatriz Aranda-Orgilles</b> Post-Doctoral Fellow at Howard Huges Medical Institute. New York University School of Medicine. US	Inhibition of the Ubiquitin Ligase Fbw7 in Chronic Myeloid Leukemia	Dr. Iannis Aifantis	1 Publication Cell (2013) 1 Publication Cancer Cell (2013) 1 Publication Nature Cell Biol (2015)

FIJC-13/ED THOMAS	Report 2013 Report 2015	<b>Dr. Thomas Schmitt</b> Fred Hutchinson Cancer Research Center - Seattle WA, USA	Targeting leukemia with enhanced- affinity TCR gene therapy	Dr. Philip Greenberg	-
FIJC-10/EHA	<b>Report 2013 (final)</b>	<b>Dr. Oxsana Bereshchenko</b> University of Perugia, Clinical and Experimental Medicine, Section of Pharmacology, Perugia, Italy	"Targeting hematopoietic stem cells expansion in C/EBP $\alpha$ mutant AML"	Prof. Carlo Riccardi, MD, PhD	5 Presentations Congress 2011- 2012 1 Publication in Haematologica 2012 1 Publication in Leukemia 2012 1 Publication in J Biol Chemistry 2012 1 Publication in Blood 2013
FIJC-11/EHA	<b>Report 2014 (final)</b>	<b>Dr. S. Olaia Naveiras</b> EPFL, Laboratory of Stem Cell Bioengineering (LSCB), Lausanne, Switzerland	"Control of the HSC niche pool through endogenous regulation of bone marrow adipogenesis, a novel mechanism for enhancing engraftment in BM transplantation"	Prof. Matthias Lutolf	1 Publication sent to Cell (2014) 1 Publication (in preparation) 1 Patent in legal review phase 1 Abstract ASH (2012) 1 Abstract ISSCR (2014)
FIJC-12/EHA	<b>Report 2012 (annual) Report 2016</b>	<b>Dra. Ana Cvejic</b> Department of Hematology University of Cambridge Cambridge, UK	"Closing the knowledge gap in post- genomic research: Fast-track functional characterization of genes implicated in human blood and pathologies using zebrafish as an <i>in vivo</i> model"	Prof. Willem H. Ouweland	1 Publication sent to Proc Nat Ac Sci (PNAS)
FIJC-13/EHA	<b>Report 2015</b>	<b>Dr. Luca Mazarella</b> European Institute of Oncology (IEO) State University Milan, Italy	"Obesity-associated FLT3 mutations in Acute Promyelocytic Leukemia: investigating a novel paradigm for the cancer promoting effect of obesity"	Prof. Piergiuseppe Pelicci	1 Publication Sem. Hematol 2014 1 Publication Genome Medicine 2014 1 Publication E. Cancer 2014 1 Publication Metab and Cancer 2015 6 Abstracts

FJJC-14/EHA	<b>Report 2016</b> (Pending)	<b>Dr. Ionna Triviai</b> University Medical Center Hamburg, Germany	"Determination of secretome regulators in a mouse model of Primary Myelofibrosis	Prof. Dr. Nicolaus Kröger	-
FJJC-15/EHA	<b>Report 2016</b>	<b>Dra. Antonella Nai</b> Vita-Salute San Raffaele University, Milan, Italy	<b>NCOA4: A new player in iron metabolism and erythropoiesis</b>	<b>Prof.</b>	-

Presidential statement Informe 2011		<b>Dr. Albert Grañena</b> Oncogenesis Group and Antitumoral (GOA)	Efecto antitumoral y mecanismo de acción del celecoxib, un derivado no inhibidor de COX-2 , el E7123, en linfoma no Hodgki B (LNH-B)		1 Blood (2011)
Report 2012		<b>Dra. R. Bosch</b> <b>Dra. M.J. Moreno</b> <b>Dr. I. Casanova</b> <b>Dr. R. Manges</b>	Development of animal models of disseminated diffuse large B-cell lymphomas and their use in the evaluation of antitumor activity of a focal adhesion signaling inhibitor		1 Haematologica (2012)
Report 2013		<b>Dra. R. Bosch</b> <b>Dra. M.J. Moreno</b> <b>Dr. I. Casanova</b> <b>Dr. R. Manges</b>	A novel orally available inhibitor of focal adhesion signalling increases survival in a xenograft model of diffuse large B-cell lymphoma with central nervous system involvement		1 Haematologica (2013)
Report 2014		<b>Dra. R. Bosch</b> <b>Dra. M.J. Moreno</b> <b>Dr. I. Casanova</b> <b>Dr. R. Manges</b>	Focal adhesion proteins expression in human diffuse large B-cell lymphoma		1 J. Pathol (2014) 1 Histopathology (2014)

Report 2015	<b>Dra. R. Bosch</b> <b>Dra. M.J. Moreno</b> <b>Dr. I. Casanova</b> <b>Dr. R. Manges</b>	Role of the chemokine receptor CXCR4 in dissemination of animal models of diffuse large-B-cell lymphoma	1 Adv. Func. Mater (2015) 1 Med Sci (2016)
Report 2016	<b>Dra. R. Bosch</b> <b>Dra. M.J. Moreno</b> <b>Dr. I. Casanova</b> <b>Dr. R. Manges</b>	Blockage of neoplastic dissemination by means of specific therapy based on protein nanoparticles	1 Dis Model Mech (2016) 1 Sci Rep (2016) 2 Nanomedicine (2016) 2 Microbiol Cell Fact (2016)
Report 2017	<b>Dra. R. Bosch</b> <b>Dra. M.J. Moreno</b> <b>Dr. L. Casanova</b> <b>Dr. R. Manges</b>		1 Sci Rep (2017) 2 Nanotechnology (2017) 1 Acta Biomater (2017) 2 Oncotarget (2017) 1 Adv Funct Mat (2017) 1 Nanoscale (2017) 1 Chem Comm



