

MEETING OF THE BOARD OF TRUSTEES

25.4.2016

**REPORT BY THE SCIENTIFIC DIRECTORS ON CURRENT GRANTS
AND RESEARCH PROJECTS**

SCIENTIFIC PROGRAMMES

CONTENTS

1. Grants announced and proposed 2015-2016

2. Grants awarded 2016

3. Tracking reports

1. GRANTS ANNOUNCED AND PROPOSED

A. José Carreras Young Investigator Fellowship (EHA 2015) (called)

Title	Amount	Closing date for application	Advertising media
EHA Jose Carreras young investigator fellowship 2015	€50,000 p.a. (2 years)	25 February 2015	EHA web FIJC web EHA Newsletter

B. Presidential Grant P/AG 2016 (proposed)

Title	Amount	Receiving Campus	Director	Coordinator
Grant P/AG 2016	€30,000 p.a. (1 year)	St. Pau	Ramon Mangués	Jordi Sierra

C. ED Thomas Grant (proposed)

Title	Amount	Receiving Campus	Director	Coordinator
ED Thomas Grant	€30,000 p.a. (2 years)	IJC		
	FHCRC			

2. GRANTS AWARDED

Title	Winner	Centre	Project title	Project director
FIJC-15/EHA	Dr. Antonella Nai	Vita-Salute San Raffaele University, Milan, Italy,	NCOA4: a new player in iron metabolism and erythropoiesis	Prof.

3. TRACKING REPORTS

Title	Type	Grant holder/centre	Project title	Project director	Scientific production Publications
FIJC-09/ED THOMAS	Report 2013 (final)	Dr. Adlen Foudi 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 Congress presentation ASH 2012 1 Hematopoiesis presentation 2013 1 Work sent (2013) 1 Poster (2013)
FIJC-10/ED THOMAS	Report 2013 Report 2014	Dr. Robert S. Welner Post Doctoral Fellow, Harvard Medical School (Beth Israel Deaconess Medical Center)	" -catenin maintains leukemic stem cells by suppressing transcription factors required for differentiation"	Prof. Daniel G. Tenen	-
FIJC-11/ED THOMAS	Report 2012	Dr. Pedro Pablo Medina Postdoctoral Fellow at Yale University, New Haven, CT, USA.	MicroRNA-21 induced haematological malignancies.	Dr. Frank Slack	1 Published in Cell Reports (2012) 1 Published in PLoS One (2013) 1 Published in Biochimie (2013) 1 Published in J. Proteomics (2013) 1 Published in Cancer Cell (2013) 1 Capítol Llibre 6 Abstracts
FIJC-12-ED THOMAS	Report 2012 Report 2014 Report 2015	Dr. Beatriz Aranda- Orgilles PostDoctoral 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 Published in Cell (2013) 1 Published in Cancer Cell (2013) 1 Published in Nature Cell Biol (2015)

FIJC-13/ED THOMAS	Report 2013 Report 2015	Dr. Thomas Schmitt Fred Hutchinson Cancer Research Center - Seattle WA, USA	Targeting leukemia with enhanced- affinity TCR gene therapy	Dr. Philip Greenberg	-
FIJC-10/EHA	Report 2013 (final)	Dr. Oxsana Bereshchenko University of Perugia, Clinical and Experimental Medicine, Section of Pharmacology, Perugia, Italy	"Targeting hematopoietic stem cells expansion in C/EBP mutant AML"	Prof. Carlo Riccardi, MD, PhD	2012 5 Congress presentations 2011- 2012 2012 1 Published in Haematologica 2012 1 Published in Leukemia 2012 2012 1 Published in J Biol Chemistry 2012 1 Published in Blood 2013
FIJC-11/EHA	Report 2014 (final)	Dr. S. Olaia Naveiras 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 at legal revision phase 1 Abstract ASH (2012) 1 Abstract ISSCR (2014)
FIJC-12/EHA	Report 2012 (annual)	Dr. Ana Cvejic 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</i> <i>vivo</i> model"	Prof. Willem H. Ouweland	-
FIJC-13/EHA	-	Dr. Luca Mazzarella European Institute of Oncology (IEO) State University Milan, Italy	"Obesity-associated FLT3 mutations in Acute Promyelocytic Leuemia: investigating a novel paradigm for the cancer promoting effect of obesity"	Prof. Piergiuseppe Pelicci	-
FIJC-14/EHA	-	Dr. Ionna Triviai University Medical Center Hamburg, Germany	"Determination of secretome regulators in a mouse model of Primary Myelofibrosis	Prof. Dr. Nicolaus Kröger	-

Presidential grant	Report 2011	Dr. Albert Grañena Carcinogenesis and Anti-tumour Group (GOA)	Anti-tumour effect and mechanism of action of celecoxib, a non-inhibiting derivative of COX-2 , E7123, in non-Hodgkin lymphoma B (LNH-B)	1 Blood,(2011)
	Report 2012	Dr. R. Bosch Dr. M.J. Moreno Dr. I. Casanova Dr. R. Manges	Development of animal models of disseminated diffuse large B-cell lymphomas and their use in the evaluation of antitumor activity of a focal adhesion signalling inhibitor	1 Haematologica (2012)
	Report 2013	Dr. R. Bosch Dr. M.J. Moreno Dr. I. Casanova Dr. R. Manges	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)
			Focal adhesion proteins expression in human diffuse large B-cell lymphoma	1 Histopathology (2014)
	Report 2014	Dr. R. Bosch Dr. M.J. Moreno Dr. I. Casanova Dr. R. Manges	Role of the chemokine receptor CXCR4 in dissemination of animal models of diffuse large B-cell lymphoma	1 J. Pathol (2014)
	Report 2015	Dr. R. Bosch Dr. M.J. Moreno Dr. I. Casanova Dr. R. Manges		
	Proposal for 2016	Dr. R. Bosch Dr. M.J. Moreno Dr. I. Casanova Dr. R. Manges		