

PERSONAL DATA

Gaël ROUÉ

Birth: 09/04/1976

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<https://www.scopus.com/authid/detail.uri?authorId=6602506597>

<https://publons.com/researcher/1451907/gael-roue/>

<http://www.researcherid.com/rid/D-4759-2014>

https://www.researchgate.net/profile/Gael_Roue

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PRESENT PROFESSIONAL POSITION

Institution: Josep Carreras Leukaemia Research Institute

Position: Head, Lymphoma Translational Group

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Start date: 01/11/2019

PRESENT RESEARCH AREA

Characterization of new therapies targeting oncogenes, epigenetic regulators and tumor microenvironment using innovative experimental models of aggressive B-cell non-Hodgkin lymphoma

ACADEMIC BACKGROUND

Degree	Centre	Date
Licence of Biology	University of Caen (France)	September 1997
Master of Cell and Molecular Biology	University of Caen (France)	June 1998
DEA in Cell Biology	University of Caen (France)	September 1999
Ph.D.	Centre	Date
Ph.D in Molecular and Cell Biology	University of Caen (France)	June 2002

PAST SCIENTIFIC EXPERIENCE

Position	R&D Centre	Institution	Start date	End date
Pre-doctoral student	Faculty of Medicine. University of Caen (France)	UPRES EA 2128	August 1998	June 2002

Post-doctoral researcher	G5 Apoptosis and Immune System. Pasteur Institute, Paris (France)	CNRS URA 1961	July 2002	July 2004
Post-doctoral associate	Hospital Clinic, Barcelona (Spain)	Hematopathology Unit	September 2004	January 2008
Tenure Track Investigator (Miguel Servet I-II contracts)	IDIBAPS, Barcelona (Spain)	Hemato-Oncology Dpt	February 2008	April 2017
Co-head, Molecular Genetics Unit	Vall d'Hebron University Hospital, Barcelona (Spain)	Hematology Dpt	May 2017	October 2019
Senior Scientist	Vall d'Hebron Institute of Oncology (VHIO), Barcelona (Spain)	Experimental Hematology lab	May 2017	October 2019

LANGUAGES

	Speaking	Reading	Writing
English	Perfectly	Perfectly	Perfectly
Spanish	Perfectly	Perfectly	Perfectly
Catalan	Good	Perfectly	Good
French (mother language)	Perfectly	Perfectly	Perfectly

FELLOWSHIPS AND AWARDS

YEARS	FELLOWSHIP/AWARD
2014	Best poster prize, 10th International Symposia on Translational Oncology, Barcelona, Spain
2008	AACR Scholar-in-Training Award (funded by Astra-Zeneca), 99th Annual Meeting of the American Association for Cancer research. San Diego, CA (USA).
2006	Ernst Schering prize in Hematology: best publication in lymphoproliferative disorders (Blood 2006 Jan 1;107(1):257-64)
2005–2006	Catalonian Agency for Administration of University and Research (AGAUR) fellowship (C-RED program)
1999–2002	PhD fellowship, French National League against Cancer (Orne's Committee)

OWN RESEARCH GRANTS

PROJECT TITLE: "Identificación de nuevas dianas terapéuticas para mejorar la actividad del Velcade en el linfoma de células del manto."

FINANCIAL ENTITY: Instituto de Salud Carlos III FIS_CP07/00072

AMOUNT: 42.000 €

LENGHT FROM: 2007 TO: 2010

PRINCIPAL INVESTIGATOR: **Dr. Gaël Roué**

PROJECT TITLE: "Identificación de nuevas dianas terapéuticas para mejorar la actividad del Velcade en el linfoma de células del manto."

FINANCIAL ENTITY: Instituto de Salud Carlos III PI09/00060

AMOUNT: 99.825 €

LENGHT FROM: 2010 TO: 2012

PRINCIPAL INVESTIGATOR: **Dr. Gaël Roué**

PROJECT TITLE: "New therapies directed against oncogenes and tumor microenvironment in aggressive B-cell lymphomas."

FINANCIAL ENTITY: Instituto de Salud Carlos III PI12/01847

AMOUNT: 113.740 €

LENGHT FROM: 2013 TO: 2015

PRINCIPAL INVESTIGATOR: **Dr. Gaël Roué**

PROJECT TITLE: Efficacy testing of the BCR kinase inhibitor C19 in in vitro and in vivo models of B-NHL.

FINANCIAL ENTITY: Pangaea Biotech, S.L.

AMOUNT: 18.393 €

LENGHT FROM: 2015 TO: 2016

PRINCIPAL INVESTIGATOR: **Dr. Gaël Roué**

PROJECT TITLE: The MYC-EZH2 signalling axis as a new therapeutic target in B cell lymphoma of germinal center origin.

FINANCIAL ENTITY: Instituto de Salud Carlos III PI15/00102

AMOUNT: 134.915 €

LENGHT FROM: 2016 TO: 2018

PRINCIPAL INVESTIGATOR: **Dr. Gaël Roué**

PROJECT TITLE: Evaluation of the combination between the PI3K delta inhibitor GS-1101/ Idelalisib and the BET inhibitor GS-626510 in preclinical models of diffuse large B cell lymphoma.

FINANCIAL ENTITY: GILEAD SCIENCES, INC

AMOUNT: 96.667 €

LENGHT FROM: 2016 TO: 2017

PRINCIPAL INVESTIGATOR: **Dr. Gaël Roué**

PROJECT TITLE: Anti-tumor activity of the anti-CD47 antibody SRF411 in preclinical models of B-cell lymphoma.

FINANCIAL ENTITY: Surface Oncology, Inc.

AMOUNT: 57.143 €

LENGHT FROM: 2016 TO: 2017

PRINCIPAL INVESTIGATOR: **Dr. Gaël Roué**

PROJECT TITLE: "Evaluation of the "U2" drug combo in association with anti-PD-L1 antibody, BET inhibitor TG-1601, BTK inhibitor TG-1701, in preclinical models of B-cell non-Hodgkin lymphoma (B-NHL)".

FINANCIAL ENTITY: TG Therapeutics, Inc.

AMOUNT: 120.000 €

LENGHT FROM: 2018 TO: 2020

PRINCIPAL INVESTIGATOR: **Dr. Gaël Roué**

PROJECT TITLE: "Evaluation of a new class of cereblon modulators in preclinical models of diffuse large B cell lymphoma"

FINANCIAL ENTITY: Celgene Corp.

AMOUNT: 177.400 €

LENGHT FROM: 2018 TO: 2019

PRINCIPAL INVESTIGATOR: **Dr. Gaël Roué**

PROJECT TITLE: "Desarrollo de una plataforma de xenoinjertos derivados de pacientes para la evaluación de nuevas terapias dirigidas en los linfomas B agresivos".

FINANCIAL ENTITY: Instituto de Salud Carlos III PI18/01383

AMOUNT: 111.320 €

LENGHT FROM: 2019 TO: 2021

PRINCIPAL INVESTIGATOR: **Dr. Gaël Roué**

PROJECT TITLE: "Modulation of lymphoid microenvironment by intrinsic protein homeostasis in aggressive B-cell lymphoma".
FINANCIAL ENTITY: GILEAD Sciences
AMOUNT: 49.200 €
LENGHT FROM: 2020 TO: 2021
PRINCIPAL INVESTIGATOR: **Dr. Gaël Roué**

COLLABORATIVE RESEARCH GRANTS

PROJECT TITLE: "Expression du CD95 dans les syndromes lymphoprolifératifs chroniques et analyse de la transduction du signal apoptotique."
FINANCIAL ENTITY: Ligue Nationale contre le Cancer - Comité de l'Orne
LENGHT FROM: 1998 TO: 2000
PRINCIPAL INVESTIGATOR: Dr. Brigitte Sola

PROJECT TITLE: "Effets de la surexpression de la cycline D1 dans la lignée de lymphocytes pro-B murins Ba/F3."
FINANCIAL ENTITY: Ligue Nationale contre le Cancer - Comité du Calvados
LENGHT FROM: 1998 TO: 2002
PRINCIPAL INVESTIGATOR: Dr. Brigitte Sola

PROJECT TITLE: "Rôle de la sur-expression de la cycline D1 forme [a] et forme [b] dans les syndromes lymphoprolifératifs."
FINANCIAL ENTITY: Ligue Nationale contre le Cancer - Comité du Calvados
LENGHT FROM: 2000 TO: 2002
PRINCIPAL INVESTIGATOR: Dr. Brigitte Sola

PROJECT TITLE: "Apoptose et Système Immunitaire."
FINANCIAL ENTITY: Institut Pasteur
LENGHT FROM: 2002 TO: 2006
PRINCIPAL INVESTIGATOR: Dr. Santos A. Susin

PROJECT TITLE: "Mort cellulaire indépendante des caspases : implication et importance de AIF."
FINANCIAL ENTITY: Fondation pour la Recherche Medicale
LENGHT FROM: 2002 TO: 2003
PRINCIPAL INVESTIGATOR: Dr. Santos A. Susin

PROJECT TITLE: "Étude de l'apoptose caspase-indépendante: Régulation de la fonction de "Apoptosis Inducing Factor" (AIF)."
FINANCIAL ENTITY: Association pour la Recherche sur le Cancer
LENGHT FROM: 2003 TO: 2004
PRINCIPAL INVESTIGATOR: Dr. Santos A. Susin

PROJECT TITLE: "Mort cellulaire indépendante des caspases: conception de nouvelles thérapies anti-tumorales."
FINANCIAL ENTITY: Fondation de France - Comité Tumeurs
LENGHT FROM: 2003 TO: 2005
PRINCIPAL INVESTIGATOR: Dr. Santos A. Susin

PROJECT TITLE: "Mécanismes biochimiques de la mort cellulaire caspase-indépendante médiée par CD47 dans la leucémie lymphoïde chronique B (LLC-B)."
FINANCIAL ENTITY: Ligue Nationale contre le Cancer
LENGHT FROM: 2003 TO: 2005
PRINCIPAL INVESTIGATOR: Dr. Santos A. Susin

PROJECT TITLE: "Analyse multi-paramétrique de la mort cellulaire indépendante des caspases médiée par CD47 dans la leucémie lymphoïde chronique B (LLC-B)."
FINANCIAL ENTITY: Fondation de France-Comité Leucémie
LENGHT FROM: 2003 TO: 2006
PRINCIPAL INVESTIGATOR: Dr. Santos A. Susin

PROJECT TITLE: "Mort cellulaire indépendante des caspases médiée par CD47 dans la leucémie lymphoïde chronique B (LLC-B): conception de nouvelles thérapies anti-tumorales."
FINANCIAL ENTITY: Fonds France Canada pour la Recherche

LENGHT FROM: 2003 TO: 2004
PRINCIPAL INVESTIGATOR: Dr. Santos A. Susin/Dr. Marika Sarfati

PROJECT TITLE: "Bases moleculares de la apoptosis inducida por drogas en neoplasias linfoides."
FINANCIAL ENTITY: Instituto de Salud Carlos III
AMOUNT: 160.425 €
LENGHT FROM: 2005 TO: 2006
PRINCIPAL INVESTIGATOR: Dr. Dolors Colomer

PROJECT TITLE: "Farmacogenetica i farmacogenomica de fàrmacs derivats de nucleosids en el tractament de limfomes no Hodgkin."
FINANCIAL ENTITY: Fundación La CAIXA
AMOUNT: 120.000 €
LENGHT FROM: 2005 TO: 2007
PRINCIPAL INVESTIGATOR: Dr. Marçal Pastor Anglada

PROJECT TITLE: "Identificacion de nuevas dianas con potencial terapeutico en neoplasias linfoides."
FINANCIAL ENTITY: Ministerio de Educacio y Ciencia SAF2006-08850
AMOUNT: 205.700 €
LENGHT FROM: 2006 TO: 2009
PRINCIPAL INVESTIGATOR: Dr. Dolors Colomer

PROJECT TITLE: Redes Temáticas de Investigación en Cáncer (grupo y plataforma horizontal responsable del diagnostico molecular en hematología)
FINANCIAL ENTITY: ISCIII - RED2006-20-14
AMOUNT: 127.900 €
LENGHT FROM: 2007 TO: 2012
PRINCIPAL INVESTIGATOR: Dr. Dolors Colomer

PROJECT TITLE: "Dianes terapèutiques i noves tècniques diagnòstiques en neoplàsies linfoides."
FINANCIAL ENTITY: AGAUR 2009 - SGR_967
AMOUNT: 43.680 €
LENGHT FROM: 2009 TO: 2013
PRINCIPAL INVESTIGATOR: Dr. Dolors Colomer

PROJECT TITLE: Identification of Somatic Mutations in Mantle Cell Lymphoma Using Next Generation Sequencing
FINANCIAL ENTITY: Lymphoma Research Foundation
AMOUNT: 200.000 €
LENGHT FROM: 2012 TO: 2014
PRINCIPAL INVESTIGATOR: Dr. Elias campo

PROJECT TITLE: Analysis Of The Mechanism Of Action Of Bendamustine Hydrochloride In in-vitro Models Of B-NHLs
FINANCIAL ENTITY: MUNDIPHARMA RESEARCH LIMITED
AMOUNT: 135.625 €
LENGHT FROM: 2012 TO: 2014
PRINCIPAL INVESTIGATOR: Dr. Dolors Colomer

PROJECT TITLE: HEMAFARMA: Desarrollos farmacéuticos en cánceres hematológicos catalogados como enfermedades raras mediante aproximaciones basadas en apoptosis
FINANCIAL ENTITY: Spanish Ministry of Economy and Competitiveness
AMOUNT: 232.000 €
LENGHT FROM: 2013 TO: 2014
PRINCIPAL INVESTIGATOR: Dr. Dolors Colomer

PROJECT TITLE: Redes Temáticas de Investigación en Cáncer
FINANCIAL ENTITY: ISCIII - RD12/0036/0004
AMOUNT: 59.800 €
LENGHT FROM: 2013 TO: 2016
PRINCIPAL INVESTIGATOR: Dr. Dolors Colomer

PROJECT TITLE: Targeting proliferation and tumor-microenvironment interactions using bifunctional compounds against cannabinoid and chemokine receptors.
FINANCIAL ENTITY: Fundació Marató TV3
AMOUNT: 399.631 €

LENGHT FROM: 2014 TO: 2017

PRINCIPAL INVESTIGATOR: Dr. Patricia Pérez-Galán, Dr Peter Mc Cormick, Dr Joan Bosch

PROJECT TITLE: Microenvironment Interactions in the pathogenesis of lymphoid neoplasms and chronic inflammatory disorders. Identification of biomarkers and design of new therapeutic strategies.

FINANCIAL ENTITY: ISCIII - PIE13/00033

AMOUNT: 605.000 €

LENGHT FROM: 2014 TO: 2017

PRINCIPAL INVESTIGATOR: Dr. Elias Campo

PROJECT TITLE: Diances terapèutiques i noves tècniques diagnòstiques en neoplàsies limfoides.

FINANCIAL ENTITY: AGAUR 2014 - SGR_346

AMOUNT: 21.000 €

LENGHT FROM: 2015 TO: 2016

PRINCIPAL INVESTIGATOR: Dr. Dolors Colomer

PROJECT TITLE: European network to integrate research on intracellular proteolysis pathways in health and disease (PROTEOSTASIS).

FINANCIAL ENTITY: Biomedicine and Molecular Biosciences COST Action BM1307

AMOUNT: 156.000 €

LENGHT FROM: 2014 TO: 2018

PRINCIPAL INVESTIGATOR (Chair): Dra. Rosa BARRIO

PROJECT TITLE: Centro de Investigación Biomédica en Red-Oncología (CIBERONC).

FINANCIAL ENTITY: ISCIII

LENGHT FROM: 2014 TO: 2018

PRINCIPAL INVESTIGATOR: Dra. Dolors Colomer

PROJECT TITLE: Red de Excelencia "Papel de las proteínas de la familia Ubiquitina en señalización, proliferación y cáncer".

FINANCIAL ENTITY: Ministerios de Ciencia, Innovación y Universidades - SAF2017-90900-REDT

AMOUNT: 19.000 €

LENGHT FROM: 2018 TO: 2020

PRINCIPAL INVESTIGATOR: Dr. Oscar Fernandez-Capetillo

HUMAN RESSOURCE FUNDING

PhD CANDIDATE: Ana-Teresa Rubio Tomás

PROGRAM: AGAUR FI-DGR 2013 call (ref 2014 FI_B00465)

YEARS: 2014-2015

PhD CANDIDATE: Anna Esteve-Arenys

PROGRAM: FPU 2012 call (ref FPU12/05690)

YEARS: 2015-2016

POSTDOC: Aranzazu Chamorro Jorganes

PROGRAM: AGAUR BP 2014call (ref 2014 BP_B00177)

YEARS: 2015-2017

STAYS IN INTERNATIONALLY RECOGNIZED CENTRES

CENTRE: Pasteur Intitute of Paris

PLACE:Apoptosis and Immune System group, CNRS-URA 1961

COUNTRY: France

YEAR: 2002-2004

LENGHT: 2 years

TOPIC: Biochemical characterisation of CD47-mediated cell death in chronic lymphocytic leukemia

CENTRE: Hospital Clinic

PLACE:Hematopathology Unit

COUNTRY: Spain

YEAR: 2004-2008

LENGHT: 3.5 years

TOPIC: Molecular bases of new agents for the treatment of mantle cell lymphoma and chronic lymphocytic leukemia

PATENT

REFERENCE: EP20140730889

TITLE: 4-AMINO-6-(2,6-DICHLOROPHENYL)-2-(PHENYLAMINO)-PYRIDO[2,3-d]PYRIMIDIN-7(8H)-ONE

INVENTORS: Raimon Puig de la Bellacasa Cazorla; Gaël Roué; Patricia Pérez Galán; Jordi Teixidó; Dolors Colomer Pujol; José Ignacio Borrell

AERA OF APPLICATION: EU

SUBMISSION: 2013

LICENSING: 2015 (Pangaea Biotech, SL)

TITULARITY: RAMON LULL UNIVERSITY, IDIBAPS, HOSPITAL CLINIC

PUBLICATIONS

Total number of publications	69
D1	34 (49.3%)
Q1	55 (79.7%)
Publications as first author	8
Publications as senior author	15
Publications as corresponding author	14
Total impact factor	513.6
Number of citations	4246
H-index	25

Sola B., **Roué G.**, Duquesne F., Avet-Loiseau H., Macro M., Salaün V. and Troussard X. "Expression of cyclins D-type in B-chronic lymphoproliferative disorders." *Leukemia* 2000 ; 14:1318-1319.
IF: 11.702

Duquesne F., Florent M., **Roué G.**, Troussard X. and Sola B. "Ectopic expression of cyclin D1 impairs the proliferation and enhances the apoptosis of a murine lymphoid cell line." *Cell Death & Differentiation* 2001 ; 8:51-62.
IF: 8.339

Lancry L., Roulland S., **Roué G.**, Mossafa H., Salaün V., Chèze S., Gauduchon P., Hardouin A., Sola B. and Troussard X. "No BCL-2 protein over expression but BCL-2/IgH rearrangements in B cells of patients with persistent polyclonal B-cell lymphocytosis." *The Hematology Journal* 2001 ; 2:228-233.
IF: 7.702

Roué G., Lancry L., Duquesne F., Salaün V., Troussard X. and Sola B. "Upstream mediators of the Fas apoptotic transduction pathway are defective in B-chronic lymphocyte leukaemia." *Leukemia Research* 2001 ;25:967-980.
IF: 2.501

Roussel M., **Roué G.**, Sola B., Mossafa H. and Troussard X. "Dysfunction of the Fas apoptotic signaling pathway in persistent polyclonal B-cell lymphocytosis." *Haematologica* 2003 ; 88:239-240.
IF: 7.702

Roué G., Krieger S., Florent M., Roussel M., Duquesne F., Troussard X., Pichereau V. and Sola B.X. "Expression of the two alternative [a] and [b] transcripts of CCND1 gene in cyclin D1-expressing B-malignancies : relevance for the pathogenesis." *Leukemia* 2003 ; 17:652-655.
IF: 11.702

Catteau A., **Roué G.**, Yuste V.J., Susin S.A. and Despres P. "Expression of dengue ApoptoM sequence results in disruption of mitochondrial potential and caspase activation."
Biochimie 2003 ; 85:789-793.
IF: 3.112

Roué G., Bitton N., Yuste V.J., Montange T., Rubio M., Dessauge F., Delettre C., Merle-Beral H., Sarfati M. and Susin S.A "Mitochondrial dysfunction in CD47-mediated caspase-independent cell death : ROS production in the absence of cytochrome c and AIF release."
Biochimie 2003 ; 85:741-746.
IF: 3.112

Dondi E., **Roué G.**, Yuste V.J., Susin S.A. and Pellegrini S. "A dual role of IFN-alpha in the balance between proliferation and death of human CD4+ T lymphocytes during primary response."
Journal of Immunology 2004 ; 173:3740-3747.
IF: 4.856

Derbré S., **Roué G.**, Poupon E., Susin S. and Hocquemiller R. "Annonaceous acetogenins: the hydroxyl groups and THF rings are crucial structural elements for targeting the mitochondria, demonstration with the synthesis of fluorescent squamocin analogues."
ChemBioChem 2005 ; 6:979-982.
IF: 2.847

Derbré S., Duval R., **Roué G.**, Garofano A., Poupon E., Brandt U., Susin S.A. and Hocquemiller R. "Semisynthesis and screening of a small library of pro-apoptotic squamocin analogues: selection and study of a benzoquinone hybrid with an improved biological profile."
ChemMedChem 2006; 1:118-129.
IF: 3.225

Pérez-Galán P., **Roué G.**, Villamor N., Montserrat E., Campo. E and Colomer D. "The proteasome inhibitor bortezomib induces apoptosis in mantle cell lymphoma through generation of ROS species and Noxa activation independent of p53 status."
Blood 2006;107:257-264.
IF: 13.164

Roué G., Pérez-Galán P, López-Guerra M, Villamor N, Campo E and Colomer D. "Selective Inhibition of I κ B Kinase Sensitizes Mantle Cell Lymphoma B Cells to TRAIL by decreasing c-FLIP level."
Journal of Immunology 2007;178:1923-1930.
IF: 4.856

Pérez-Galán P., **Roué G.**, Villamor N., Campo. E and Colomer D. "The BH3-mimetic GX15-070 synergizes with Bortezomib in Mantle Cell Lymphoma by enhancing Noxa-mediated activation of Bak."
Blood 2007;109: 4441-4449.
IF: 13.164

Bras M., * Yuste V.J., * **Roué G.**, * Barbier S., Sancho P., Virely C., Rubio M., Baudet S., Esquerda J.E., Merle-Beral H., Sarfati M. and Susin S.A. "Drp1 Mediates Caspase-Independent Type III Cell Death in Normal and Leukemic Cells."
Molecular and Cellular Biology 2007;27:7073-7088.
IF: 4.398

Roué G., Pichereau V., Lincet H., Colomer D. and Sola B. "Cyclin D1 mediates resistance to apoptosis through upregulation of molecular chaperones and consequent redistribution of cell death regulators."
Oncogene 2008;27:4909-4920.
IF: 7.519

Pérez-Galán P., **Roué G.**, López-Guerra M., Nguyen M., Villamor N., Montserrat E., Shore G.C., Campo E. and Colomer D. "BCL-2 phosphorylation modulates sensitivity to the BH3

mimetic GX15-070 (Obatoclox) and reduces its synergistic interaction with bortezomib in chronic lymphocytic leukemia cells."

Leukemia 2008;22:1712-1720.

IF: 11.702

Roué G.,* Lopez-Guerra M.,* Milpied P., Pérez-Galán P., Villamor N., Montserrat E., Campo E. and Colomer D. "Bendamustine (TREANDATM) cytotoxicity in B-cell neoplasms requires production of reactive oxygen species and caspase-unrelated process irrespective of p53 status."

Clin Cancer Research 2008 14:6907-6915.

IF: 9.619

Merle-Béral H., Barbier S., **Roué G.**, Bras M., Sarfati M. and Susin S.A. Caspase-independent type III PCD: a new means to modulate cell death in chronic lymphocytic leukemia cells.

Leukemia. 2009; 23: 974-977.

IF: 11.702

Barbier S, Chatre L, Bras M, Sancho P, **Roué G**, Virely C, Yuste VJ, Baudet S, Rubio M, Esquerda JE, Sarfati M, Merle-Béral H and Susin SA. Caspase-independent type III programmed cell death in chronic lymphocytic leukemia: the key role of the F-actin cytoskeleton. Haematologica 2009;94:507-517.

IF: 7.702

Lopez-Guerra M., **Roué G.**, Pérez-Galán P., Alonso R., Villamor N., Montserrat E., Campo E. and Colomer D. p65 Activity and ZAP-70 Status Predict the Sensitivity of Chronic Lymphocytic Leukemia Cells to the Selective IκB Kinase Inhibitor BMS-345541.

Clin Cancer Research 2009; 15:2767-2776.

IF: 9.619

Mollinedo F, de la Iglesia-Vicente J, Gajate C, Estella-Hermoso de Mendoza A, Villa-Pulgarin JA, de Frias M, **Roué G**, Gil J, Colomer D, Campanero MA, Blanco-Prieto MJ. In vitro and In vivo selective antitumor activity of Edelfosine against mantle cell lymphoma and chronic lymphocytic leukemia involving lipid rafts.

Clin Cancer Research 2010;16: 2046-2054.

IF: 8.738

Saborit-Villarroya I, **Roué G**, López-Guerra M, Alonso R, Xargay-Torrent S, Rosich L, Colomer D. Saborit-Villarroya I, Roué G, López-Guerra M, Alonso R, Xargay-Torrent S, Rosich L, Colomer D. Cell death targeting therapies in B lymphoid malignancies.

Current Drug Targets 2010;11:769-780.

IF: 3.236

Roué G, Pérez-Galán P, Mozos A, López-Guerra M, Xargay-Torrent S, Rosich L, Saborit-Villarroya I, Normant E, Campo E, Colomer D. The Hsp90 inhibitor IPI-504 overcomes bortezomib resistance in mantle cell lymphoma in vitro and in vivo by down-regulation of the prosurvival ER chaperone BiP/Grp78.

Blood. 2011;117:1270-1279.

IF: 13.164

Xargay-Torrent S, López-Guerra M, Saborit-Villarroya I, Rosich L, Campo E, **Roué G**,* Colomer D.* Vorinostat-Induced Apoptosis in Mantle Cell Lymphoma Is Mediated by Acetylation of Proapoptotic BH3-Only Gene Promoters.

Clin Cancer Research. 2011; 17:3956-3968.

IF: 9.619

Ferrer G, Hodgson K, Pereira A, Juan M, Elena M, Colomer D, **Roué G**, Aymerich M, Baumann T, Montserrat E, Moreno C. Combined analysis of levels of serum B-cell activating factor and a proliferation-inducing ligand as predictor of disease progression in patients with chronic lymphocytic leukemia.

Leukemia Lymphoma. 2011;52:2064-8.

IF: 2.755

Dreyling M, Kluin-Nelemans HC, Beà S, Hartmann E, Salaverria I, Hutter G, Perez-Galan P, **Roué G**, Pott C, Gouill SL, Cortelazzo S, Rule S, Hess G, Zaja F, Vitolo U, Szymczyk M, Walewski J, Ribrag V, Unterhalt M, Hermine O, Hoster E. Update on the molecular pathogenesis and clinical treatment of mantle cell lymphoma: report of the 10th annual conference of the European Mantle Cell Lymphoma Network.

Leukemia Lymphoma. 2011;52:2226-36.

IF: 2.755

Mozos A, **Roué G**, López-Guillermo A, Jares P, Campo E, Colomer D, Martínez A. The expression of the endoplasmic reticulum stress sensor BiP/GRP78 predicts response to chemotherapy and determines the efficacy of proteasome inhibitors in diffuse large b-cell lymphoma.

Am J Pathol. 2011;179:2601-10.

IF: 4.057

López-Guerra M, Xargay-Torrent S, Pérez-Galán P, Saborit-Villarroya I, Rosich L, Villamor N, Aymerich M, **Roué G**, Campo E, Montserrat E, Colomer D. Sorafenib targets BCR kinases and blocks migratory and microenvironmental survival signals in CLL cells.

Leukemia. 2012;26:1429-32.

IF: 11.702

Rosich L, Xargay-Torrent S, López-Guerra M, Campo E, Colomer D,* **Roué G**.* Counteracting autophagy overcomes resistance to everolimus in mantle cell lymphoma.

Clin Cancer Res. 2012;18:5278-89.

IF: 9.619

Xolalpa W, Perez-Galan P, Rodríguez MS, **Roué G**. Targeting the Ubiquitin Proteasome System: beyond proteasome inhibition.

Curr Pharm Des. 2013;19:4053-93.

IF: 2.611

Xargay-Torrent S, Lopez-Guerra M, Montraveta A, Saborit-Villarroya I, Rosich L, Navarro A, Perez-Galan P, **Roué G**, Campo E, Colomer D. Sorafenib inhibits cell migration and stroma-mediated bortezomib resistance by interfering B-cell receptor signaling and protein translation in mantle cell lymphoma.

Clin Cancer Res. 2013;19:586-97.

IF: 9.619

Rosich L, Colomer D, **Roué G**. Autophagy controls everolimus (RAD001) activity in mantle cell lymphoma.

Autophagy. 2013;9:115-7.

IF: 8.593

Martínez D, Valera A, Pérez NS, Sua Villegas LF, Gonzalez-Farre B, Sole C, Gine E, Lopez-Guillermo A, **Roué G**, Martínez S, Sant F, Warzocha K, Robak T, Czader M, Villamor N, Colomo L, Campo E, Martínez A. Plasmablastic Transformation of Low-grade B-cell Lymphomas: Report on 6 Cases.

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TYPE OF PRESENTATION: Poster
CONGRESS: VIII International Workshop on CLL.
MEETING PLACE: Paris (France)
YEAR: 1999

AUTHORS: Duquesne F., Florent M., **Roué G.**, Troussard X. et Sola B.
TITLE: "Effets de l'expression de la cycline D1 dans la lignée BaF3 de lymphocytes pro-B murins."
TYPE OF PRESENTATION: Poster
CONGRESS: 6ème congrès Club Hématopoïèse et Oncogénèse.
MEETING PLACE: La Grande Motte (France)
YEAR: 1999

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TITLE: "Lymphocytose polyclonale avec lymphocytes binucléés : présence constante de la translocation bcl-2/IgH et résistance à l'apoptose médiée par CD95."
TYPE OF PRESENTATION: Poster
CONGRESS: Congrès 2000 de la Société Française d'Hématologie.
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TITLE: "L'induction de cycline D1 augmente la sensibilité des cellules hématopoïétiques BaF3 à divers stimuli apoptotiques."
TYPE OF PRESENTATION: Poster
CONGRESS: 7ème congrès Club Hématopoïèse et Oncogénèse.
MEETING PLACE: Giens (France)
YEAR: 2000

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TYPE OF PRESENTATION: meeting abstract
CONGRESS: 43rd Annual Meeting of the American Society for Hematology.
PUBLICATION: Blood, 98: 4228 (11b)
MEETING PLACE: Orlando, FL (USA)
YEAR: 2001

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TYPE OF PRESENTATION: Poster
CONGRESS: 9ème congrès Club Hématopoïèse et Oncogénèse.
MEETING PLACE: Giens (France)
YEAR: 2002

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TITLE: "Expression des deux transcrits [a] et [b] du gène codant pour la cycline D1 dans des hémopathies lymphoïdes B."
TYPE OF PRESENTATION: Poster
CONGRESS: 9ème congrès Club Hématopoïèse et Oncogénèse.
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TITLE: "Expression of the two alternatives (a) and (b) transcripts of CCND1 gene in cyclin D1-expressing B-malignancies : Relevance for the pathogenesis."
TYPE OF PRESENTATION: meeting abstract
CONGRESS: 44th Annual Meeting of the American Society for Hematology.
PUBLICATION: Blood, 100: 4171 (11b)
MEETING PLACE: Philadelphia (USA)
YEAR: 2002

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MEETING PLACE: Istanbul (Turkey)
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MEETING PLACE: Montréal (Canada)
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TYPE OF PRESENTATION: Oral communication
CONGRESS: VII Aporeuni3n
MEETING PLACE: Miraflores de la Sierra, Madrid (Spain)
YEAR: 2005

AUTHORS: **Roué G.**, Pérez-Galán P., Villamor N., Campo. E and Colomer D.
TITLE: "Inhibition of NFkB pathway allows mantle cell lymphoma (MCL) cells to undergo TRAIL-induced apoptosis by transcriptional regulation of TRAIL receptors, c-FLIP and XIAP down-modulation."
TYPE OF PRESENTATION: Poster
CONGRESS: 13th Euroconference on Apoptosis
MEETING PLACE: Budapest (Hungary)
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AUTHORS: Pérez-Galán P., **Roué G.**, Villamor N., Campo. E and Colomer D.
TITLE: "The proteasome inhibitor bortezomib induces apoptosis in mantle cell lymphoma through generation of ROS species and noxa activation independent of p53 status."
TYPE OF PRESENTATION: Poster
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AUTHORS: Pérez-Galán P., **Roué G.**, Villamor N., Campo. E and Colomer D.

TITLE: "The small molecule pan-Bcl-2 inhibitor GX15-070 induces apoptosis in vitro in mantle cell lymphoma (MCL) cells and exhibits a synergistic effect in combination with the proteasome inhibitor bortezomib."

TYPE OF PRESENTATION: Poster

CONGRESS: 47th Annual Meeting of the American Society for Hematology.

PUBLICATION: Blood, 106: 429 (11a)

MEETING PLACE: Atlanta (USA)

YEAR: 2005

AUTHORS: **Roué G.**, Pérez-Galán P., Villamor N., Campo. E and Colomer D.

TITLE: "c-FLIP level determines the sensitivity of mantle cell lymphoma cells to TRAIL-induced apoptosis following inhibition of NFkB signalling or proteasome activity."

TYPE OF PRESENTATION: meeting abstract

CONGRESS: 47th Annual Meeting of the American Society for Hematology.

PUBLICATION: Blood, 106: 285 (11b)

MEETING PLACE: Atlanta (USA)

YEAR: 2005

AUTHORS: **Roué G.**, Pérez-Galán P., López-Guerra M., Villamor N., Campo E. and Colomer D.

TITLE: "Pharmacological inhibition of NF-kB signaling allows mantle cell lymphoma cells to undergo TRAIL-induced apoptosis by decreasing c-FLIP level."

TYPE OF PRESENTATION: Poster

CONGRESS: 97th Annual Meeting of the American Association for Cancer research.

MEETING PLACE: Washington, DC (USA)

YEAR: 2006

AUTHORS: Pérez-Galán P, **Roué G.**, Villamor N, Campo E, Colomer D.

TITLE: "The small molecule pan-Bcl-2 inhibitor GX15-070 induces apoptosis in vitro in mantle cell lymphoma (MCL) cells and exhibits a synergistic effect in combination with the proteasome inhibitor bortezomib."

TYPE OF PRESENTATION: Oral communication

CONGRESS: 97th Annual Meeting of the American Association for Cancer research.

MEETING PLACE: Washington, DC (USA)

YEAR: 2006

AUTHORS: Lopez-Guerra M, **Roué G.**, Perez-Galan P, Marcé S, Villamor N, Campo E, Colomer D.

TITLE: "A selective I kappa B kinase inhibitor induces apoptosis in mantle cell lymphoma and chronic lymphocytic leukemia cells."

TYPE OF PRESENTATION: Poster

CONGRESS: 97th Annual Meeting of the American Association for Cancer research.

MEETING PLACE: Washington, DC (USA)

YEAR: 2006

AUTHORS: **Roué G.**, Pérez-Galán P., López-Guerra M., Villamor N., Campo E. and Colomer D.

TITLE: "Selective inhibition of I kappa B kinase sensitizes mantle cell lymphoma B cells to TRAIL by decreasing c-Flip level."

TYPE OF PRESENTATION: Poster

CONGRESS: Sixth ESH-UT MD Anderson Cancer Center Interdisciplinary Euroconference on Mechanisms of Cell Death and Disease.

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AUTHORS: Pérez-Galán P, **Roué G.**, Villamor N, Campo E, Colomer D.

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MEETING PLACE: Cascais, Portugal

YEAR: 2006

AUTHORS: Lopez-Guerra M, **Roué G.**, Perez-Galan P, Marcé S, Villamor N, Campo E, Colomer D.

TITLE: "A selective I kappa B kinase inhibitor induces apoptosis in mantle cell lymphoma and chronic lymphocytic leukemia cells."
TYPE OF PRESENTATION: Poster
CONGRESS: Sixth ESH-UT MD Anderson Cancer Center Interdisciplinary Euroconference on Mechanisms of Cell Death and Disease.
MEETING PLACE: Cascais, Portugal
YEAR: 2006

AUTHORS: **Roué G.**, Pérez-Galán P., López-Guerra M., Villamor N., Campo E. and Colomer D.
TITLE: "Selective inhibition of I kappa B kinase sensitizes mantle cell lymphoma B cells to TRAIL by decreasing c-Flip level."
TYPE OF PRESENTATION: Oral communication
CONGRESS: 48th Annual Meeting of the American Society for Hematology.
PUBLICATION: Blood, 108: 80 (11a)
MEETING PLACE: Orlando, FL (USA)
YEAR: 2006

AUTHORS: **Roué G.**, Lopez-Guerra M., Milpied P., Pérez-Galán P., Villamor N., Campo. E and Colomer D
TITLE: "Activity of bendamustine (TREANDATM) in chronic lymphocytic leukemia and mantle cell lymphoma cells with alterations in DNA damage response pathway."
TYPE OF PRESENTATION: Poster
CONGRESS: 48th Annual Meeting of the American Society for Hematology.
PUBLICATION: Blood, 108: 711 (11a)
MEETING PLACE: Orlando, FL (USA)
YEAR: 2006

AUTHORS: Pérez-Galán P., **Roué G.**, Villamor N., Campo E. and Colomer D.
TITLE: "GX15-070 sensibiliza a la células de linfoma de células del manto a bortezomib mimetizando la acción de las proteínas "BH3 only" "
TYPE OF PRESENTATION: Oral communication
CONGRESS: VIII Aporeunión
MEETING PLACE: Begur, Girona
YEAR: 2007

AUTHORS: **Roué G.**, Pérez-Galán P., López-Guerra M., Villamor N., Campo E. and Colomer D.
TITLE: "Selective inhibition of I kappa B kinase sensitizes mantle cell lymphoma B cells to TRAIL by decreasing c-Flip level."
TYPE OF PRESENTATION: Poster
CONGRESS: CNIO Cancer Conference: Molecular mechanisms in lymphoid neoplasm
MEETING PLACE: CNIO, Madrid
YEAR: 2007

AUTHORS: Pérez-Galán P, **Roué G.**, Villamor N, Campo E, Colomer D.
TITLE: "The BH3-mimetic GX15-070 synergizes with Bortezomib in Mantle Cell Lymphoma by enhancing Noxa-mediated activation of Bak."
TYPE OF PRESENTATION: Oral communication
CONGRESS: CNIO Cancer Conference: Molecular mechanisms in lymphoid neoplasm
MEETING PLACE: CNIO, Madrid
YEAR: 2007

AUTHORS: **Roué G.**, Lopez-Guerra M., Milpied P., Pérez-Galán P., Villamor N., Campo. E and Colomer D
TITLE: "The multifunctional chemotherapeutic agent bendamustine hydrochloride (TREANDATM) activates caspase-dependent and -independent cell death in B-cell non-Hodgkin's lymphomas (B-NHLs) by ROS generation and p53-independent up-regulation of Noxa."
TYPE OF PRESENTATION: Poster
CONGRESS: 13th Euroconference on Apoptosis
MEETING PLACE: Portoroz (Slovenia)
YEAR: 2007

AUTHORS: Lopez-Guerra M, **Roué G.**, Perez-Galan P, Villamor N, Campo E, Colomer D.
TITLE: "A selective I kappa B kinase inhibitor induces apoptosis and enhances the antitumoral effect of chemotherapeutic drugs in chronic lymphocytic leukemia cells."
TYPE OF PRESENTATION: Poster

CONGRESS: 13th Euroconference on Apoptosis
MEETING PLACE: Portoroz (Slovenia)
YEAR: 2007

AUTHORS: **Roué G.**, Lopez-Guerra M., Pérez-Galán P., Villamor N., Montserrat E, Campo. E and Colomer D

TITLE: "Mecanismo de acción de Bendamustina (TREANDATM) en neoplasias linfoides."

TYPE OF PRESENTATION: Oral communication

CONGRESS: Reunión científica anual de la Red de linfomas

MEETING PLACE: Toledo (Spain)

YEAR: 2007

AUTHORS: **Roué G.**, Pérez-Galán P., López-Guerra M., Villamor N., Campo E. and Colomer D.

TITLE: "The novel hsp90 inhibitor IPI-504 synergizes with bortezomib in mantle cell lymphoma cells by targeting both NF-kappaB signaling and unfolded protein response and leading to increased mitochondrial apoptosis."

TYPE OF PRESENTATION: Poster

CONGRESS: 49th Annual Meeting of the American Society for Hematology.

PUBLICATION: Blood, 110: 478 (11a)

MEETING PLACE: Atlanta, GA (USA)

YEAR: 2007

AUTHORS: Pérez-Galán P., **Roué G.**, López-Guerra M., Villamor N., Montserrat E., Campo E. and Colomer D.

TITLE: "Bcl-2 phosphorylation modulates sensitivity to the BH3-mimetic GX15-070 (Obatoclox) and reduces its synergistic interaction with bortezomib in chronic lymphocytic leukemia."

TYPE OF PRESENTATION: Poster

CONGRESS: 49th Annual Meeting of the American Society for Hematology.

PUBLICATION: Blood, 110: 1115 (11a)

MEETING PLACE: Atlanta, GA (USA)

YEAR: 2007

AUTHORS: Patricia Pérez-Galán, **Gaël Roué**, Mónica López-Guerra, Neus Villamor, Elias Campo and Dolors Colomer

TITLE: "The novel HSP90 inhibitor IPI-504 synergizes with bortezomib in mantle cell lymphoma cells by targeting both NF-kappaB signaling and unfolded protein response and leading to increased mitochondrial apoptosis."

TYPE OF PRESENTATION: Oral communication

CONGRESS: Lymphoma Research Foundation MCL/SAB Workshop

MEETING PLACE: Dallas, TX (USA)

YEAR: 2008

AUTHORS: **Roué G.**, Pérez-Galán P., López-Guerra M., Villamor N., Campo E. and Colomer D.

TITLE: "The novel HSP90 inhibitor IPI-504 synergizes with bortezomib in mantle cell lymphoma cells by targeting both NF-kappaB signaling and unfolded protein response and leading to increased mitochondrial apoptosis."

TYPE OF PRESENTATION: Poster

CONGRESS: 99th Annual Meeting of the American Association for Cancer research.

MEETING PLACE: San Diego, CA (USA)

YEAR: 2008

AUTHORS: **Roué G.**, Lopez-Guerra M., Milpied P., Pérez-Galán P., Villamor N., Campo. E and Colomer D

TITLE: "Bendamustine (TREANDA) cytotoxicity in B-cell neoplasms requires production of reactive oxygen species and caspase-unrelated process irrespective of p53 status."

TYPE OF PRESENTATION: Poster

CONGRESS: 13th congress of the European Hematology Association

PUBLICATION: Haematologica/The Hematology Journal, 93(s1): 237

MEETING PLACE: Copenhagen (Denmark)

YEAR: 2008

AUTHORS: **Roué G.**, Pichereau V., Lincet H., Colomer D. and Sola B.

TITLE: "Cycline D1 de novo expression in B lymphocytes mediates resistance towards apoptosis through up-regulation of molecular chaperones and redistribution of cell death regulators."

TYPE OF PRESENTATION: Poster

CONGRESS: 13th congress of the European Hematology Association
PUBLICATION: Haematologica/The Hematology Journal, 93(s1): 238
MEETING PLACE: Copenhagen (Denmark)
YEAR: 2008

AUTHORS: **Roué G.**, Pérez-Galán P., López-Guerra M., Villamor N., Campo E. and Colomer D.
TITLE: "The novel HSP90 inhibitor IPI-504 synergizes with bortezomib in MCL by targeting NF- κ B signaling and unfolded protein response ."
TYPE OF PRESENTATION: Oral communication
CONGRESS: Reunión científica anual de la Red de linfomas
MEETING PLACE: Madrid (Spain)
YEAR: 2008

AUTHORS: **Roué G.**, Lopez-Guerra M., Milpied P., Pérez-Galán P., Villamor N., Montserrat E, Campo. E and Colomer D.
TITLE: "Bendamustine (TREANDA) cytotoxicity in mantle cell lymphoma requires production of reactive oxygen species and caspase-unrelated process irrespective of p53 status."
TYPE OF PRESENTATION: Poster
CONGRESS: XIV meeting of the European Association for Haematopathology
MEETING PLACE: Bordeaux (France)
YEAR: 2008

AUTHORS: **Gael Roue**, Patricia Pérez-Galán, Mónica Lopez-Guerra, Neus Villamor, Elias Campo, Dolors Colomer
TITLE: The HSP90 inhibitor IPI-504 overcomes bortezomib resistance in mantle cell lymphoma by downregulation of the prosurvival ER chaperone BiP/Grp78
TYPE OF PRESENTATION: Oral communication
CONGRESS: 100th Annual Meeting of the American Association for Cancer Research
MEETING PLACE: Denver, CO (USA)
YEAR: 2009

AUTHORS: **G. Roué**; M. López-Guerra; P. Milpied; P. Pérez-Galán; N. Villamor; E. Montserrat; E. Campo; and D. Colomer.
TITLE: BENDAMUSTINE (TREANDA) CYTOTOXICITY IN B-CELL NEOPLASMS REQUIRES PRODUCTION OF REACTIVE OXYGEN SPECIES AND CASPASE-UNRELATED PROCESS IRRESPECTIVE OF P53 STATUS
TYPE OF PRESENTATION: Oral communication
CONGRESS: XII CONGRESS anual ASEICA
MEETING PLACE: Madrid
YEAR: 2009

AUTHORS: **G. Roué**
TITLE: "Pre-clinical activity of the proteasome inhibitor bortezomib in mantle cell lymphoma."
TYPE OF PRESENTATION: Oral communication (invited)
CONGRESS: Jornada anual de la Societat Catalana de Biologia – Secció de senyalització cel•lular i metabolisme
MEETING PLACE: Barcelona
YEAR: 2010

AUTHORS: **Gael Roue**, Patricia Pérez-Galán, Ana Mozos, Mónica Lopez-Guerra, Silvia Xargay, Laia Rosich, Elias Campo, Dolors Colomer
TITLE: Actividad sinérgica del inhibidor de Hsp90 IPI-504 con Velcade en modelos in vitro e in vivo de linfoma de células del manto
TYPE OF PRESENTATION: Oral communication
CONGRESS: Reunion de grupos de trabajo en linfomas, Red Temática de Investigación Cooperativa en Cáncer (RTICC)
MEETING PLACE: CIC, Salamanca
YEAR: 2010

AUTHORS: **G Roué** ,P Pérez-Galán, A Mozos, M López-Guerra, S Xargay-Torrent, L Rosich, I Saborit-Villarroya, E Campo y D Colomer.
TITLE: "The Hsp90 inhibitor IPI-504 overcomes bortezomib resistance in mantle cell lymphoma in vitro and in vivo by downregulation of the prosurvival ER chaperone BiP/Grp78."
TYPE OF PRESENTATION: Oral communication
CONGRESS: X Aporeunión
MEETING PLACE: Cuenca

YEAR: 2011

AUTHORS: Colomer, D.; Perez-Galan, P.; **Roue, G.**

TITLE: PROTEASOME INHIBITORS: REALLY A TARGETED THERAPY?

TYPE OF PRESENTATION: Oral communication

CONGRESS: 37th Congress of the European-Society-for-Medical-Oncology (ESMO)

PUBLICATION: ANNALS OF ONCOLOGY, 23 :44-44 (Supplement 9)

MEETING PLACE: Vienna (Austria)

YEAR: 2012

AUTHORS: T Cardesa-Salzmann, L Colomo; **G Roue**; D Soldini; A Martinez; G Clot; J Mora; O Cruz; E Maradiegue; C de Torres; M Sunol; C Jou; C Rovira; V Cusi; F Climent; G Gutierrez; E Gonzalez Barca; S Mercadal; J. L. Mate; J. M. Ribera; N. Combalia; L Arenillas; S Serrano; E Fernandez; M Pinyol; P Jares; E Campo; A Lopez Guillermo.

TITLE: Tissular cytokine and chemokine receptor expression in Burkitt lymphoma (BL) and diffuse large B cell lymphoma (DLBCL)

TYPE OF PRESENTATION: Poster

CONGRESS: 4th International Symposium on Childhood, Adolescent and Young Adult Non-Hodgkins Lymphoma

PUBLICACIÓN: BRITISH JOURNAL OF HAEMATOLOGY. 159 - supp 1, pp. 53 - 54.

MEETING PLACE: New York (USA)

YEAR: 2012

AUTHORS: **Gaël Roué**

TITLE: TARGETING THE IRF4/MYC AXIS IN BORTEZOMIB-RESISTANT MANTLE CELL LYMPHOMA WITH LENALIDOMIDE AND BET BROMODOMAIN INHIBITION

TYPE OF PRESENTATION: Oral communication

CONGRESS: 12th International Conference on Malignant Lymphoma

PUBLICATION: Hematol Oncol, 31 :134-134 (Supplement 1)

MEETING PLACE: Lugano (Switzerland)

YEAR: 2013

AUTHORS: Moros A, Rodríguez V, Saborit-Villarroya I, Montraveta A, Balsas P, Sandy P, Martínez A, Wiestner A, Normant E, Campo E, Pérez-Galán P, Colomer D, **Roué G.**

TITLE: Synergistic anti-tumor activity of lenalidomide with the BET bromodomain inhibitor CPI203 in bortezomib-resistant mantle cell lymphoma

TYPE OF PRESENTATION: Poster

CONGRESS: 105th Annual Meeting of the American Association for Cancer Research

MEETING PLACE: SanDiego, CA (USA)

YEAR: 2014

AUTHORS: Moros A, Rodríguez V, Saborit-Villarroya I, Montraveta A, Balsas P, Sandy P, Martínez A, Wiestner A, Normant E, Campo E, Pérez-Galán P, Colomer D, **Roué G.**

TITLE: Synergistic anti-tumor activity of lenalidomide with the BET bromodomain inhibitor CPI203 in bortezomib-resistant mantle cell lymphoma

TYPE OF PRESENTATION: Poster

CONGRESS: 11th International Symposium on Translational Oncology

MEETING PLACE: Barcelona (Spain)

YEAR: 2014

AUTHORS: Balsas P, Roldan J, Jimenez L, Rodriguez V, Puig de la Bellacasa R, Teixido J, Matas-Cespedes A, Moros A, Martinez A, Campo E, Borrell JI, Perez-Galan P, Colomer D, and **Roue G**

TITLE: Preclinical evaluation of IQS019, a novel BCR kinase inhibitor, in in vitro and in vivo models of non-Hodgkin lymphoma

TYPE OF PRESENTATION: Poster

CONGRESS: 106th Annual Meeting of the American Association for Cancer Research

PUBLICACIÓN: Cancer Res August 1, 2015 75:5317

MEETING PLACE: Philadelphia, PA (USA)

YEAR: 2015

AUTHORS: Esteve-Arenys A and **Roue G**

TITLE: Synergistic activity of the IAPs inhibitor AEG40730 and the human anti-TRAIL-R1 antibody mapatumumab in in vitro and in vivo models of mantle cell lymphoma

TYPE OF PRESENTATION: Oral communication

CONGRESS: XII Aporeunió

MEETING PLACE: Zaragoza (Spain)

YEAR: 2015

AUTHORS: **Roue G**

TITLE: Disruption of MYC signalling by BET bromodomain inhibition in B-cell lymphoma

TYPE OF PRESENTATION: Oral communication

CONGRESS: XII Aporeuni3n

MEETING PLACE: Zaragoza (Spain)

YEAR: 2015

AUTHORS: Patricia Balsas; Jocabed Roldan; Laura Jimenez; Vanina Rodriguez; Raimon Puig de la Bellacasa; Jordi Teixido; Alba Matas Cespedes; Alexandra Moros; Antonio Martinez; Elías Campo; Jose Ignacio Borrell; Patricia Perez Galan; Dolors Colomer; **Gael Roue**

TITLE: Preclinical evaluation of the novel pleiotropic BCR kinase inhibitor IQS019 in in vitro and in vivo models of B lymphoid neoplasms

TYPE OF PRESENTATION: Poster

CONGRESS: 13th International Conference on Malignant Lymphoma

PUBLICATION: Hematol Oncol, 33:233-233 (Supplement 1)

MEETING PLACE: Lugano (Switzerland)

YEAR: 2015

AUTHORS: Ivan Dlouhy; Laura Magnano; Clara Recasens; Eva Gine; Dolors Colomer; Elías Campo; Patricia Perez Galan; Armando Lopez Guillermo; **Gael Roue**

TITLE: IRAK1/4 AND BET BROMODOMAIN INHIBITIONS CONVERGE IN NF-KB BLOCKADE AND OFFER SYNERGISTIC ANTITUMOURAL ACTIVITY IN ABC-DLBCL WITH MYD88 MUTATION

TYPE OF PRESENTATION: Poster

CONGRESS: 13th International Conference on Malignant Lymphoma

PUBLICATION: Hematol Oncol, 33:236-236 (Supplement 1)

MEETING PLACE: Lugano (Switzerland)

YEAR: 2015

AUTHORS: Ivan Dlouhy; Laura Magnano; Clara Recasens; Eva Giné; Alfredo Rivas; Dolors Colomer; Elías Campo; Patricia Pérez Galán; Armando López Guillermo; **Gaël Roué**

TITLE: Los inhibidores de IRAK1/4 y del bromodominio BET convergen en el bloqueo de NF-κB y presentan una actividad antitumoral sinérgica en líneas de linfoma difuso de células grandes B con mutación de MYD88

TYPE OF PRESENTATION: Oral communication

CONGRESS: LVII Congreso Nacional de la Sociedad Española de Hematología y Hemoterapia

MEETING PLACE: Valencia (Spain)

YEAR: 2015

AUTHORS: Juan Garcia Valero; Anna Esteve Arenys; David Gonzalez; Aranzazu Chamorro Jorganes; Vanina Rodriguez; Ivan Dlouhy; Itziar Salaverria; Elías Campo; Dolors Colomer; Antonio Martinez; Grzegorz Rymkiewicz; Patricia Pérez Galán; Armando Lopez Guillermo; **Gaël Roué**.

TITLE: The BET bromodomain inhibitor CPI203 overcomes resistance to ABT-199 (venetoclax) by downregulation of BFL-1 in in vitro and in vivo models of MYC+/BCL2+ double hit lymphoma

TYPE OF PRESENTATION: Poster

CONGRESS: European Cell Death Organization conference

MEETING PLACE: Barcelona (Spain)

YEAR: 2015

AUTHORS: Recasens-Zorzo C, Cardesa-Salzmann T, Esteve-Arenys A, Clot G, Guerrero-Hernández M, Soldini D, Valera A, Moros A, Coll E, G3rka K, Climent F, González-Barca E, Mercadal S, Arenillas L, Serrano S, Mate JL, Gutierrez G, Casanova I, Mangués R, Sanjuan A, Menéndez P, Martínez A, Jares P, Colomer D, Borrell JI, Campo E, López-Guillermo A, Colomo L, Pérez-Galán P, and **Roué G**.

TITLE: Pharmacological modulation of CXCL12-CXCR4 intracellular trafficking potentiates the activity of the BET bromodomain inhibitor CPI203 in in vitro and in vivo models of diffuse large B-cell lymphoma

TYPE OF PRESENTATION: Poster

CONGRESS: 108th Annual Meeting of the American Association for Cancer Research

PUBLICATION: Cancer Res July 2, 2017; 77:2169

MEETING PLACE: Washington, DC (USA)

YEAR: 2017

AUTHORS: Anna Esteve-Arenys, Juan Garcia-Valero, David Gonzalez, Aránzazu Chamorro-Jorganes, Vanina Rodriguez, Ivan Dlouhy, Itziar Salaverria, Elias Campo, Dolors Colomer, Antonio Martinez, Grzegorz Rymkiewicz, Patricia Pérez-Galán, Armando Lopez-Guillermo, and **Roué G.**

TITLE: The BET bromodomain inhibitor CPI203 overcomes resistance to ABT-199 (venetoclax) by downregulation of BFL-1 in in vitro and in vivo models of MYC+/BCL2+ double hit lymphoma

TYPE OF PRESENTATION: Poster

CONGRESS: 108th Annual Meeting of the American Association for Cancer Research

PUBLICACIÓN: Cancer Res July 2, 2017; 77:2161

MEETING PLACE: Washington, DC (USA)

YEAR: 2017

AUTHORS: Juan G Valero, Aranzazu Chamorro-Jorganes, Katie Walker, Martina Guerrero-Hernández, Vanina Rodríguez, Clara Recasens-Zorzo, Anna Esteve-Arenys, Eriong Lee-Vergés, Alba Matas-Céspedes, Neus Serrat, Dolors Colomer, Armando López-Guillermo, Stacey Tannheimer, Patricia Pérez-Galán, **Gaël Roué.**

TITLE: "The BET Inhibitor GS-626510 Converges with Idelalisib through the Inhibition of Tumor-Macrophage Crosstalk and Cytokine Production in Diffuse Large B-cell Lymphoma "

TYPE OF PRESENTATION: Poster

CONGRESS: 59th Annual Meeting of the American Society for Hematology.

PUBLICATION: Blood 2017;130:4108

MEETING PLACE: Atlanta, GA (USA)

YEAR: 2017

AUTHORS: Marcelo Lima Ribeiro, Emmanuel Normant, Diana Reyes Garau, Hari P. Miskin, Peter Sportelli, Michael S. Weiss, Francesc Bosch and **Gael Roué.**

TITLE: "The Novel Bispecific CD47-CD19 Antibody TG-1801 Potentiates the Activity of Ublituximab-Umbralisib (U2) Drug Combination in Preclinical Models of B-cell non-Hodgkin lymphoma "

TYPE OF PRESENTATION: Poster

CONGRESS: 24th European Hematology Association Congress.

PUBLICATION: HemaSphere. 3:598, June 2019

MEETING PLACE: Amsterdam (The Netherlands)

YEAR: 2019

AUTHORS: Marcelo L Ribeiro, Emmanuel Normant, Diana Reyes Garau, Hari P. Miskin, Peter Sportelli, Michael S. Weiss, Francesc Bosch and **Gael Roué**

TITLE: "The Novel Bispecific CD47-CD19 Antibody TG-1801 Potentiates the Activity of Ublituximab-Umbralisib (U2) Drug Combination in Preclinical Models of B-cell non-Hodgkin lymphoma "

TYPE OF PRESENTATION: Poster

CONGRESS: 16th International Conference on Malignant Lymphoma

PUBLICATION: Hematol Oncol, 37:322-323 (Supplement 2)

MEETING PLACE: Lugano (Switzerland)

YEAR: 2019

COURSES AND SEMINARS

-2008-2016: Scientific sessions of the Hospital Clinic's School of Hematology, Barcelona, Spain.

-2014-2017: "Microenvironment in B-cell lymphoma". Master in Biomedicine, Faculty of Medicine, University of Barcelona, Barcelona, Spain.

-2015: "Bioluminescence imaging as a tool for the discovery of new therapeutic targets in murine xenograft models of B-cell lymphomas". Technologic Seminars, Faculty of Pharmacy, Barcelona, Spain.

-2015: "Novel therapeutic strategies in B-cell lymphoma: mechanisms of action, resistance, and effect on tumor-stroma interaction". Scientific session, Department of Genetics, Hospital Clinic i Provincial de Barcelona, Barcelona, Spain

-2016: "All about MCL" - Training courses for clinical haematologists. Hospital Santa Catherina, Girona, Spain

-2017-2019: Scientific sessions of Vall d'Hebron Hospital's department of Hematology,

Barcelona, Spain.
-2018-2019: "Biological Fundamentals in Advanced Therapies in Hematology" – Training course for clinical haematologists. Vall d'Hebron Hospital, Barcelona, Spain.

CONSULTING ACTIVITIES

-2012-2013: Consultant for Life Technologies/Thermo (Acoustic Focusing Cytometry and Quantitative PCR field expert).
-01/06/2016: Li-Cor user meeting (invited speaker). Universidad Complutense, Madrid, Spain
-17/02/2016: Li-Cor user meeting (invited speaker). IDIBAPS, Barcelona, Spain

SUPERVISION OF DOCTORAL THESIS

Doctorate student: Alexandra Moros Sanz

Title: Molecular bases of Lenalidomide antitumoral activity in mantle cell lymphoma

Entity: Faculty of Medicine, University of Barcelona, Barcelona, Spain

Date: 11/11/2014

Qualification: Excellent cum laude

Current position: R&D Scientist @ HIPRA (Amer, Girona, Spain)

Doctorate student: Laia Rosich Moya

Title: Kinase inhibitors as new therapeutic strategies in lymphoid neoplasm

Entity: Faculty of Medicine, University of Barcelona, Barcelona, Spain

Date: 05/06/2014

Qualification: Excellent cum laude

Current position: Postdoctoral researcher @ IDIBAPS (Barcelona, Spain)

Doctorate student: Carla Solé Cañadas

Title: Role of plasmacytic differentiation and endoplasmatic reciculum stress in aggressive B cell lymphoma

Entity: Faculty of Medicine, University of Barcelona, Barcelona, Spain

Date: 17/07/2014

Qualification: Excellent

Current position: Postdoctoral researcher @ Instituto de Investigación Sanitaria Biodonostia (Donostia-San Sebastian, Spain)

Doctorate student: Anna Esteve Arenys

Title: Innovative targeted therapies for chemo-refractory B-cell non-Hodgkin lymphomas

Entity: Faculty of Medicine, University of Barcelona, Barcelona, Spain

Date: 22/12/2017

Qualification: Excellent cum laude

Current position: Postdoctoral researcher @ Instituto de Investigación Biomédica de Salamanca (IBSAL, Salamanca, Spain)

Doctorate student: Clara Recasens Zorzo

Title: New therapeutic approaches in B cell lymphoma of germinal center origin

Entity: Faculty of Medicine, University of Barcelona, Barcelona, Spain

Date: 19/06/2018

Qualification: Excellent

Current position: Postdoctoral researcher @ Institute of Molecular Genetics, CNRS (Montpellier, France)

Doctorate student: Nuria Profitos

Title: Role of ZEB transcription factor family in lymphoma-stroma crosstalk

Entity: Faculty of Medicine, University of Barcelona, Barcelona, Spain

Status: Ongoing (defense planned in December 2019)

Doctorate student: Grégory Quinet

Title: Role of ubiquitin family proteins in the regulation of the interactions between the ubiquitin proteasome and the autophagy-lysosome pathways

Entity: UMR5089 CNRS/UPS 205, Institut des Technologies Avancées en sciences du Vivant (ITAV), Toulouse, France.

Status: Ongoing (defense planned in December 2020)

PARTICIPATION TO DOCTORAL THESIS BOARDS

PhD student: Mariana Sobreiro

Entity: Centro de Investigación del Cáncer, University of Salamanca, Salamanca, Spain.

Role: vocal

Date: 18/07/2013

PhD student: Raffaella Iurlaro

Entity: Faculty of Medicine, University of Barcelona, Barcelona, Spain.

Role: vocal

Date: 18/12/2015

PhD student: Albert Gibert Bosch

Entity: Institut Quimic de Sarria, Universitat Ramon Llull, Barcelona, Spain

Role: vocal

Date: 15/07/2016

PhD student: Siham Hedir

Entity: Inserm U1086 ANTICIPE, Université de Caen Normandie, Caen, France

Role: vocal

Date: 15/12/2017

PhD student: Julia Carabia Jubero

Entity: Vall d'Hebron Institute of Oncology, Autonomous University of Barcelona (UAB),
Barcelona, Spain

Role: vocal

Date: 15/05/2018

PhD student: George Paul Cribaro

Entity: Department of Neuroscience, Faculty of Medicine, UAB, Barcelona, Spain

Role: president

Date: 30/11/2018

ACTIVE MEMBERSHIP IN SCIENTIFIC SOCIETIES

- Asociación española de investigación sobre el cáncer (ASEICA)
 - European Association for Cancer Research (EACR) (EACR Ambassador)
 - American association for Cancer research (AACR)
 - European Hematology Association (EHA)
 - American Society of Hematology (ASH)
-

INSTITUTIONAL RESPONSIBILITIES

- 2014-2016: Member of the IDIBAPS Equality Committee
 - 2015: Participation to the 1st edition of the "IDIBAPS scientific sketching"
 - 2015: member of the IDIBAPS working group on curricular manager
 - 2016: member of the IDIBAPS working group on animal testing facilities
 - 2012-2016: Vocal in the PhD monitoring committees #172 and #436, University of Barcelona.
 - 2017-2019: co-head of the Molecular Genetics Unit, Department of Hematology, Vall d'Hebron University Hospital
 - 2017-2019: member of the Integrated Hematological Diagnosis committee, Department of Hematology, Vall d'Hebron University Hospital
-

EVALUATOR AND PEER-REVIEWER

-2013: Independent Evaluator for the Dutch Cancer Society.
-2015: Independent Evaluator for the Polish National Science Centre.
-2015: Evaluator of the Miguel Servet call, Carlos III Health Institute (ISCIII)
-2019: External reviewer of EHA grant program
-2007-present: reviewer for 37 international peer-reviewed journals (73 REVIEWS @ PUBLONS.COM/A/1451907/).
