



Elixabet Lopez Lopez

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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.

I have dedicated my career to the search of genomic biomarkers to improve the treatment of pediatric oncology patients. During my PhD training and subsequent postdoctoral experience in Prof. Africa Garcia-Orad's lab at the UPV/EHU (Spain), my main focus was on genetic variants associated with adverse drug reactions and response in pediatric acute lymphoblastic leukemia and osteosarcoma patients. I was able to find SNPs associated with drug toxicity studying candidate genes in methotrexate and vincristine pathways. Additionally, I was the first author in the first study to show that polymorphisms in miRNA processing genes are associated with toxicity after treatment in cancer patients. Later, as a postdoctoral fellow at St. Jude Children's Research Hospital (USA) under the direction of Dr. William Evans, I was able to analyze genome-wide expression and regulation (miRNAs, methylation, SNPs and copy number alterations) in association with methotrexate response in acute lymphoblastic leukemia patients. This helped me improve my bioinformatics skills for the analysis of big data. Nowadays, I am in charge of the research line of pharmacogenetics in childhood ALL in the group of "Genetics and Epigenetics of complex diseases" at the UPV/EHU, under the direction of Dr. Idoia Martin, and associate researcher of the Pediatric Oncology Group at IIS Biobizkaia.

As a result of this work, I have published 51 peer-reviewed papers and delivered over 100 presentations at national and international conferences. I have participated in 23 funded research projects, being the PI in two of them, and I have participated in a European COST action for the study of leukemia, being leader of Short Term Scientific Missions. I have obtained 2 postdoctoral (Fellowship for recent Doctors until their integration in postdoctoral programs, UPV/EHU, and Postdoctoral fellowship, Basque Government) and 2 predoctoral (Introduction to the Investigation fellowship, RTICC, and Predoctoral fellowship, Basque Government) competitive fellowships and 5 scientific travel grants; I have been awarded 1 best oral communication prize (VI Congreso Sociedad Española de Farmacogenética y Farmacogenómica, 2013), 2 best poster presentation prizes (IV Congreso Sociedad Española de Hematología y Oncología pediátrica, 2011; IIIrd EuroEspes Annual Conference, 2008), and I was awarded the BioQ award to the best rising researcher in 2022 (IIS Biobizkaia).

Regarding my teaching and mentoring experience, I am Assistant Professor at UPV/EHU, and participated as Adjunct assistant professor at Rhodes College (Memphis, TN, USA). I have also mentored 13 Degree students and 4 masters students and I have directed 1 Doctoral thesis. Regarding outreach actions, I have published 5 scientific dissemination articles, collaborated in the organization of a public science fair for 3 years, acted as member of the Organizing Committee of the VI Congreso SEFF and of the 1st meeting of the COST Legend, and delivered clinical sessions to bring the lab research to the clinic. I have also delivered presentations to young students to promote their scientific vocations and received an award in the call II Premios Fundación Merck Salud-ASEICA

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CURRÍCULUM VÍTAE NORMALIZADO

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a las Vocaciones Científicas (2023). In addition, I am a member of the team that received one of the awards to impact in research in the First ENLIGHT IMPACT AWARD (2023).

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CURRÍCULUM VÍTAE NORMALIZADO

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Leadership Merits

Brief presentation of the merits related to leadership activities of special relevance.



General quality indicators of scientific research

This section describes briefly the main quality indicators of scientific production (periods of research activity, experience in supervising doctoral theses, total citations, articles in journals of the first quartile, H index...). It also includes other important aspects or peculiarities.

I have an h-index of 22.

I have published 51 articles in peer reviewed journals, which are cited 1194 times by 942 documents, 14 of them as a first-author or first-coauthor and 9 as last or corresponding author. 31 of those publications are published in journals included in the Q1 of their respective areas, 14 in the Q2, and 5 in the Q3. In addition, I have published 2 book chapters and 5 scientific dissemination articles.



Elixabet Lopez Lopez

Surname(s): Lopez Lopez
Name: Elixabet
DNI: 14258999B
ORCID: 0000-0002-5309-3031
ScopusID: 45661778300
Date of birth: 07/10/1984
Gender: Female
Nationality: Spain
Country of birth: Spain
Aut. region/reg. of birth: Basque Country
Contact province: Biscay
City of birth: Barakaldo
Contact address: F. Science and Technology UPV/EHU
Rest of contact address: Barrio Sarriena s/n
Postcode: 48940
Contact country: Spain
Contact aut. region/reg.: Basque Country
Contact city: Leioa
Land line phone: (0034) 946012485
Email: elixabet.lopez@ehu.es

Current professional situation

- 1 Employing entity:** Universidad del País Vasco
Department: Bioquímica y Biología Molecular, Facultad de Ciencia y Tecnología
Professional category: Assistant Professor
Start date: 23/09/2021
Type of contract: Temporary **Dedication regime:** Full time
Primary (UNESCO code): 240900 - Genetics
Secondary (UNESCO code): 241500 - Molecular biology
Identify key words: Molecular mechanism of disease; Molecular genetics
- 2 Employing entity:** Bioibizkaia Health Research Institute **Type of entity:** Healthcare Institutions
Professional category: Assigned researcher
Start date: 2018

Previous positions and activities

	Employing entity	Professional category	Start date
1	Universidad del País Vasco	Interim Professor	06/09/2021
2	Universidad del País Vasco	Interim Professor	19/01/2021
3	Universidad del País Vasco	Interim Professor	14/09/2020

	Employing entity	Professional category	Start date
4	Universidad del País Vasco	Postdoctoral Research Associate	01/12/2017
5	St Jude Children's Research Hospital	Postdoctoral Research Fellow	23/01/2014
6	Universidad del País Vasco	Postdoctoral Research Associate	07/2012
7	Universidad del País Vasco	Research Associate	07/2007

- 1** **Employing entity:** Universidad del País Vasco **Type of entity:** University
Department: Bioquímica y Biología Molecular, Facultad de Ciencia y Tecnología
Professional category: Interim Professor
Start-End date: 06/09/2021 - 22/09/2021
Type of contract: Temporary employment contract
- 2** **Employing entity:** Universidad del País Vasco **Type of entity:** University
Department: Genética, Antropología Física y Fisiología Animal, Facultad de Ciencia y Tecnología
Professional category: Interim Professor
Start-End date: 19/01/2021 - 05/09/2021
Type of contract: Temporary employment contract
- 3** **Employing entity:** Universidad del País Vasco **Type of entity:** University
Department: Fisiología, Facultad de Medicina y Enfermería
Professional category: Interim Professor
Start-End date: 14/09/2020 - 18/01/2021
Type of contract: Temporary employment contract
- 4** **Employing entity:** Universidad del País Vasco **Type of entity:** University
Department: Genética, Antropología Física y Fisiología Animal, Facultad de Medicina y Enfermería
Professional category: Postdoctoral Research Associate
Start-End date: 01/12/2017 - 13/09/2020
Type of contract: Temporary employment contract
Performed tasks: Coordination of projects in pharmacogenetics of cancer
- 5** **Employing entity:** St Jude Children's Research Hospital **Type of entity:** Healthcare Institutions
Professional category: Postdoctoral Research Fellow
Start-End date: 23/01/2014 - 29/11/2016 **Duration:** 2 years - 10 months - 7 days
- 6** **Employing entity:** Universidad del País Vasco **Type of entity:** University
Professional category: Postdoctoral Research Associate
Start-End date: 07/2012 - 01/2014
- 7** **Employing entity:** Universidad del País Vasco **Type of entity:** University
Professional category: Research Associate
Start-End date: 07/2007 - 06/2012



Education

University education

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

- 1 University degree:** Higher degree
Name of qualification: Masters degree in Molecular Biology and Biomedicine
Degree awarding entity: Universidad del País Vasco **Type of entity:** University
Date of qualification: 07/2008
- 2 University degree:** Higher degree
Name of qualification: Degree in Biology (5 years)
Degree awarding entity: Universidad Complutense **Type of entity:** University de Madrid
Date of qualification: 07/2007

Doctorates

Doctorate programme: Programa Oficial de Doctorado en Biología Molecular y Biomedicina
Degree awarding entity: Universidad del País Vasco **Type of entity:** University
Date of degree: 06/2012
European doctorate: Yes **Date of certificate:** 06/2012
Thesis title: New genetic markers for treatment personalization in pediatric Acute Lymphoblastic Leukemia
Thesis director: Africa Garcia-Orad Carles
Thesis co-director: Aurora Navajas Gutierrez
Obtained qualification: Cum laude
Recognition of quality: Yes

Specialised, lifelong, technical, professional and refresher training (other than formal academic and healthcare studies)

- 1 Training title:** Indicadores de calidad e impacto para los sexenios. (taller práctico) presencial
Awarding entity: Unidad de Cienciometría SGIKER **Type of entity:** University UPV/EHU
End date: 11/2024 **Duration in hours:** 4 hours
- 2 Training title:** Taller de Generación de confianza
Awarding entity: ASEICA mujer **Type of entity:** Associations and Groups
End date: 19/12/2023 **Duration in hours:** 4 hours
- 3 Training title:** QuantStudio5 Smart Start Operation and analysis software
Awarding entity: Thermo Fisher Scientific **Type of entity:** Business
End date: 09/2023 **Duration in hours:** 4 hours



- 4 Training title:** Seminario TSE-ZTF mintegiak: Euskara akademikoa lantzen eta harmonizatzen (Parte I) (módulos 1-6)
Awarding entity: Universidad del País Vasco
End date: 03/2023
Type of entity: University
Duration in hours: 40 hours
- 5 Training title:** Leucemia linfoblástica aguda. Aproximación actual al diagnóstico y tratamiento
Awarding entity: SEHOP
End date: 2021
Duration in hours: 40 hours
- 6 Training title:** Metodologic basis in the investigation in Biomedicine: Epidemiologic and Bioestadistical tools
Awarding entity: Institute of Oncology from Catalonia
End date: 2009

Attended advanced, improvement and innovative teacher training and new technology courses and seminars focused on improving teaching

- 1 Title of course/seminar:** Aplicaciones prácticas del Libro de Calificaciones de eGela
Organising entity: University of the Basque Country UPV/EHU
Faculty, institute or centre: SAE/eCampus programa de autoaprendizaje ZURE/KABUZ
Duration in hours: 25 hours
Start-End date: 01/12/2024 - 31/12/2024
- 2 Title of course/seminar:** Herramientas para la retroalimentación del módulo Tarea de eGela
Organising entity: University of the Basque Country UPV/EHU
Faculty, institute or centre: SAE/eCampus programa de autoaprendizaje ZURE/KABUZ
Duration in hours: 25 hours
Start-End date: 01/12/2024 - 31/12/2024
- 3 Title of course/seminar:** Taller de introducción a eGela: nociones básicas para crear tu curso
Organising entity: University of the Basque Country UPV/EHU
Faculty, institute or centre: SAE/eCampus programa de autoaprendizaje ZURE/KABUZ
Duration in hours: 25 hours
Start-End date: 01/12/2024 - 31/12/2024
- 4 Title of course/seminar:** Sesión de formación sobre nuevas perspectivas para la diversidad
Goals of the course/seminar: Diversity
Organising entity: University of the Basque Country UPV/EHU
Faculty, institute or centre: Servicio de atención a personas con discapacidades
Duration in hours: 3 hours
Start-End date: 01/11/2024 - 30/11/2024
- 5 Title of course/seminar:** Publicación de artículos sobre innovación educativa en revistas JCR
Goals of the course/seminar: Publishing about teaching
Organising entity: University of the Basque Country UPV/EHU
Faculty, institute or centre: SAE/HELAZ
Duration in hours: 25 hours
Start-End date: 01/06/2024 - 30/06/2024



- 6** **Title of course/seminar:** Evaluación y aprendizaje universitario: oportunidades docentes.
Goals of the course/seminar: Improving the evaluation
Organising entity: Universidad de La Rioja **Type of entity:** University
Faculty, institute or centre: Plan de Formación del Profesorado Universitario del Campus Digital Compartido del Grupo 9 de Universidades
Duration in hours: 25 hours
Start-End date: 01/05/2024 - 31/05/2024
- 7** **Title of course/seminar:** Pasos para trabajar la Sostenibilidad como competencia transversal en tu asignatura.
Goals of the course/seminar: Sustainability in teaching
Organising entity: Universidad del País Vasco **Type of entity:** University
Faculty, institute or centre: Plan de Formación del Profesorado Universitario del Campus Digital Compartido del Grupo 9 de Universidades
Duration in hours: 25 hours
Start-End date: 01/05/2024 - 31/05/2024
- 8** **Title of course/seminar:** Integración de los Objetivos de Desarrollo Sostenible en la docencia de la UPV/EHU (1): primeras reflexiones
Goals of the course/seminar: Including the Sustainable development goals in teaching
Organising entity: University of the Basque Country UPV/EHU
Faculty, institute or centre: SAE/HELAZ
Duration in hours: 25 hours
Start-End date: 01/01/2024 - 29/02/2024
- 9** **Title of course/seminar:** Gamificación y Escape Room educativo
Goals of the course/seminar: Bringing gamification and scape rooms to the classroom
Organising entity: University of the Basque Country UPV/EHU
Faculty, institute or centre: SAE/HELAZ
Duration in hours: 38 hours
Start-End date: 28/06/2023 - 30/06/2023
- 10** **Title of course/seminar:** Creación de Gráficos Vectoriales para la Docencia con Software Libre
Goals of the course/seminar: Creation of Vector Graphics for Teaching with Free Software
Organising entity: Universidad de Cantabria
Faculty, institute or centre: Plan de Formación del Profesorado Universitario del Campus Digital Compartido del Grupo 9 de Universidades
Duration in hours: 25 hours
Start-End date: 15/05/2023 - 04/06/2023
- 11** **Title of course/seminar:** Vamos a difundir conocimiento
Goals of the course/seminar: Dissemination
Organising entity: Universidad de Zaragoza.
Faculty, institute or centre: Plan de Formación del Profesorado Universitario del Campus Digital Compartido del Grupo 9 de Universidades
Duration in hours: 25 hours
Start-End date: 22/05/2023 - 26/05/2023
- 12** **Title of course/seminar:** TSE-ZTF mintegiak: Euskara akademikoa lantzen eta harmonizatzen
Goals of the course/seminar: Improve the use of Basque in Academics
Organising entity: Vicerrectorado de Euskera, Cultura e Internacionalización de la Universidad del País Vasco/Euskal Herriko Unibertsitatea



Duration in hours: 40 hours

Start-End date: 01/09/2022 - 31/03/2023

13 Title of course/seminar: Exprime los cuestionarios de eGela

Goals of the course/seminar: Improving evaluation

Organising entity: University of the Basque Country UPV/EHU

Faculty, institute or centre: SAE/HELAZ

Duration in hours: 25 hours

Start-End date: 10/01/2023 - 24/01/2023

14 Title of course/seminar: Elaboración de la memoria del proyecto docente para las oposiciones a profesorado agregado y titular

Organising entity: University of the Basque Country UPV/EHU

Faculty, institute or centre: SAE/HELAZ

Duration in hours: 4 hours

Start-End date: 17/01/2023 - 17/01/2023

15 Title of course/seminar: Sesión de formación online sobre síndrome de Asperger

Organising entity: University of the Basque Country UPV/EHU

Faculty, institute or centre: Servicio de atención a las personas con discapacidades

Duration in hours: 2 hours

Start-End date: 2023 - 2023

16 Title of course/seminar: Diseño de un sistema de evaluación por competencias para una asignatura

Goals of the course/seminar: Improving evaluation through competences

Organising entity: University of the Basque Country UPV/EHU

Faculty, institute or centre: SAE/HELAZ

Duration in hours: 38 hours

Start-End date: 07/06/2022 - 14/06/2022

17 Title of course/seminar: Aprendizaje basado en el alumnado: cambiando el marco

Goals of the course/seminar: Using methodologies based on the student for teaching

Organising entity: University of the Basque Country UPV/EHU

Faculty, institute or centre: SAE/HELAZ

Duration in hours: 25 hours

Start-End date: 10/01/2022 - 19/01/2022

18 Title of course/seminar: Implementación práctica de metodologías activas en la docencia

Goals of the course/seminar: Using active methodologies for teaching

Organising entity: University of the Basque Country UPV/EHU

Faculty, institute or centre: SAE/HELAZ

Duration in hours: 8 hours

Start-End date: 01/01/2021 - 30/06/2021

19 Title of course/seminar: Despierta el interés de tus alumnos con PowerPoint: del puff al wow

Goals of the course/seminar: Improving presentations for classes

Organising entity: Universitat de les Illes Balears

Faculty, institute or centre: Plan de Formación del Profesorado Covid del Campus Digital Compartido del Grupo 9 de Universidades

Duration in hours: 25 hours

Start-End date: 15/11/2020 - 20/12/2020



- 20** **Title of course/seminar:** Cómo lograr la participación de los alumnos en las clases online
Goals of the course/seminar: Improving the students' participation
Organising entity: Universitat de les Illes Balears
Faculty, institute or centre: Plan de Formación del Profesorado Covid del Campus Digital Compartido del Grupo 9 de Universidades
Duration in hours: 25 hours
Start-End date: 03/11/2020 - 20/12/2020
- 21** **Title of course/seminar:** Curso de edición, grabación y streaming de vídeo con software libre
Goals of the course/seminar: Learning the basics about video edition with teaching purposes
Organising entity: University of the Basque Country UPV/EHU
Faculty, institute or centre: SAE/HELAZ
Duration in hours: 6 hours
Start-End date: 23/10/2020 - 28/10/2020
- 22** **Title of course/seminar:** Introducción al lenguaje de programación Python
Goals of the course/seminar: Learning the basics about Python language for programming
Organising entity: University of the Basque Country UPV/EHU
Faculty, institute or centre: SAE/HELAZ
Duration in hours: 16 hours
Start-End date: 01/07/2020 - 31/07/2020
- 23** **Title of course/seminar:** Claves para la creación de cursos online en entornos virtuales de aprendizaje (Keys for the creation of online courses in virtual learning environments)
Goals of the course/seminar: Learning how use available resources for the creation of online courses
Organising entity: University of the Basque Country UPV/EHU
Faculty, institute or centre: SAE/HELAZ
Duration in hours: 38 hours
Start-End date: 01/06/2018 - 31/07/2019

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
Basque	C1	C1	C1	C1	C1
English	C2	C2	C2	C2	C2
French	C2	C2	C2	C2	C2
Spanish	C2	C2	C2	C2	C2

Teaching experience



General teaching experience

- 1** **Name of the course:** Methods in Molecular Biology
University degree: Graduado o Graduada en Bioquímica y Biología Molecular
Start date: 01/09/2021 **End date:** 31/07/2023
Entity: Universidad del País Vasco **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencia y Tecnología
- 2** **Name of the course:** Basic Biochemistry Methodology
University degree: Graduado o Graduada en Bioquímica y Biología Molecular
Start date: 01/09/2021 **End date:** 31/07/2022
Entity: Universidad del País Vasco **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencia y Tecnología
- 3** **Name of the course:** Regulation of metabolism
University degree: Graduado o Graduada en Bioquímica y Biología Molecular
Start date: 01/09/2021 **End date:** 31/07/2022
Entity: Universidad del País Vasco **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencia y Tecnología
- 4** **Name of the course:** Genetic Engineering
University degree: Graduado o Graduada en Biología
Start date: 25/01/2021 **End date:** 30/06/2021
Entity: Universidad del País Vasco **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencia y Tecnología
- 5** **Name of the course:** Genomics
University degree: Graduado o Graduada en Bioquímica y Biología Molecular
Start date: 25/01/2021 **End date:** 30/06/2021
Entity: Universidad del País Vasco **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencia y Tecnología
- 6** **Name of the course:** Molecular Genetics
University degree: Graduado o Graduada en Biología
Start date: 25/01/2021 **End date:** 30/06/2021
Entity: Universidad del País Vasco **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencia y Tecnología
- 7** **Name of the course:** Bases Bioquímicas, Celulares y Tisulares de la Fisioterapia
University degree: Graduado o Graduada en Fisioterapia
Start date: 2020 **End date:** 2021
Entity: Universidad del País Vasco **Type of entity:** University
Faculty, institute or centre: Facultad de Medicina y Enfermería
- 8** **Name of the course:** Salud y Actividad Física
University degree: Titulo Universitario en Ciencias Humanas
Start date: 2020 **End date:** 2021
Entity: Universidad del País Vasco **Type of entity:** University
Faculty, institute or centre: Aulas de la Experiencia



- 9** **Name of the course:** Introduction to biomedical investigation
University degree: Graduado o Graduada en Medicina
Start date: 2018 **End date:** 2019
Entity: Universidad del País Vasco **Type of entity:** University
- 10** **Name of the course:** Medical genetics
University degree: Graduado o Graduada en Medicina
Start date: 2018 **End date:** 2019
Entity: Universidad del País Vasco **Type of entity:** University
- 11** **Name of the course:** Genetics and Epigenetics serving therapeutics
University degree: Master in Pharmacology. Evaluation, Development and Rational Use of Drugs.
Start date: 2017 **End date:** 2019
Entity: Universidad del País Vasco **Type of entity:** University
- 12** **Name of the course:** Fundamentals of genomics, proteomics and Bioinformatics
University degree: Master in Molecular Biology and Biomedicine
Start date: 2017 **End date:** 2018
Entity: Universidad del País Vasco **Type of entity:** University
- 13** **Name of the course:** Topics in Biomedical Science
University degree: Biology
Start date: 2015 **End date:** 2016
Entity: Rhodes College **Type of entity:** University
City of entity: Memphis, United States of America
- 14** **Name of the course:** Introduction to biomedical investigation
University degree: Graduado o Graduada en Medicina
Start date: 2013 **End date:** 2014
Entity: Universidad del País Vasco **Type of entity:** University
- 15** **Name of the course:** Medical genetics
University degree: Graduado o Graduada en Medicina
Start date: 2013 **End date:** 2014
Entity: Universidad del País Vasco **Type of entity:** University
- 16** **Name of the course:** Genetics and Epigenetics serving therapeutics
University degree: Master in Pharmacology. Evaluation, Development and Rational Use of Drugs.
Start date: 2012 **End date:** 2013
Entity: Universidad del País Vasco **Type of entity:** University
- 17** **Name of the course:** Molecular Technology in Biomedicine.
University degree: Master in Biomedical Investigation
Start date: 2012 **End date:** 2013
Entity: Universidad del País Vasco **Type of entity:** University
- 18** **Name of the course:** Genetics and Epigenetics serving therapeutics
University degree: Master in Pharmacology. Evaluation, Development and Rational Use of Drugs.
Start date: 2010 **End date:** 2011



Entity: Universidad del País Vasco

Type of entity: University

19 Name of the course: Molecular Technology in Biomedicine.

University degree: Master in Biomedical Investigation

Start date: 2010

End date: 2011

Entity: Universidad del País Vasco

Type of entity: University

20 Name of the course: Genetics

University degree: Licenciado en Medicina y Cirugía

Start date: 2009

End date: 2010

Entity: Universidad del País Vasco

Type of entity: University

21 Name of the course: Biochemistry

University degree: Graduado o Graduada en Química

Start date: 01/09/2022

Entity: Universidad del País Vasco

Type of entity: University

Faculty, institute or centre: Facultad de Ciencia y Tecnología

22 Name of the course: Bioinformatics

University degree: Graduado o Graduada en Bioquímica y Biología Molecular

Start date: 01/09/2021

Entity: Universidad del País Vasco

Type of entity: University

Faculty, institute or centre: Facultad de Ciencia y Tecnología

23 Name of the course: Fundamentals of genomics, proteomics and Bioinformatics

University degree: Master in Molecular Biology and Biomedicine

Start date: 2018

Entity: Universidad del País Vasco

Type of entity: University

24 Name of the course: Molecular Technology in Biomedicine.

University degree: Master in Biomedical Investigation

Start date: 2018

Entity: Universidad del País Vasco

Type of entity: University

Experience supervising doctoral thesis and/or final year projects

1 Project title: CRISPR/CAS tecnología RNA ez kodetzaile luzeen funtzioa aztertze errendimendu handiko ikuspegi baten bidez

Type of project: Minor thesis

Entity: Universidad del País Vasco

Type of entity: University

Student: Haizea Dronda

Obtained qualification: Degree in Biology

Date of reading: 07/2024

2 Project title: Valor diagnóstico de la biopsia líquida en el Linfoma Difuso de Células B Grandes. Alai Lomana

Type of project: Minor thesis

Entity: Universidad del País Vasco

Type of entity: University

Student: Alai Lomana

Obtained qualification: Degree in Biotechnology

Date of reading: 07/2024



- 3** **Project title:** Utilidad diagnóstica y pronóstica de los lncRNAs en el Linfoma Difuso de Células B Grandes
Type of project: Minor thesis
Entity: Universidad del País Vasco **Type of entity:** University
Student: Paula Requejo
Obtained qualification: Degree in Biotechnology
Date of reading: 09/2023
- 4** **Project title:** Papel de los RNAs no codificantes largos (lncRNAs) como biomarcadores del pronóstico en leucemia linfoblástica aguda infantil
Type of project: Minor thesis
Entity: Universidad del País Vasco **Type of entity:** University
Student: Elias Calandra
Obtained qualification: Degree in Biochemistry and Molecular Biology
Date of reading: 07/2023
- 5** **Project title:** Deciphering the circRNAome of childhood T-cell Acute Lymphoblastic Leukaemia
Type of project: Minor thesis
Entity: Universidad del País Vasco **Type of entity:** University
Student: Alba Valero
Obtained qualification: Master in Molecular Biology and Biomedicine
Date of reading: 06/2023
- 6** **Project title:** Long non-coding RNAs en la caracterización de subtipos de leucemia linfoblástica aguda infantil.
Type of project: Minor thesis
Entity: Universidad del País Vasco **Type of entity:** University
Student: Ander Quiroga
Obtained qualification: Degree in Biochemistry and Molecular Biology
Date of reading: 09/2022
- 7** **Project title:** Identification of lncRNA biomarkers in DUX4r childhood acute lymphoblastic leukemia through a high-throughput RNAseq approach
Type of project: Minor thesis
Entity: Universidad del País Vasco **Type of entity:** University
Student: Anastasija Jakjimovska
Obtained qualification: Master in Molecular Biology and Biomedicine
Date of reading: 06/2022
- 8** **Project title:** Utilización de RNAs no codificantes para el diagnóstico y pronóstico de linfomas no Hodgkin pediátricos
Type of project: Minor thesis
Entity: Universidad del País Vasco **Type of entity:** University
Student: Izaskun Ordoñez Fernandez
Obtained qualification: Degree in Biology
Date of reading: 09/2021
- 9** **Project title:** MikrorNAen potentziala B Zelula Handiko Linfoma Hedatsuaren diagnostiko, sailkapen eta pronostikoan
Type of project: Doctoral thesis
Entity: Universidad del País Vasco **Type of entity:** University
Student: Ane Larrabeiti Etxebarria



Date of reading: 28/07/2021

- 10** **Project title:** Identification of lncRNA biomarkers in childhood acute lymphoblastic leukemia
Type of project: Minor thesis
Entity: Universidad del País Vasco **Type of entity:** University
Student: Jaione Telleria Zufiaur
Obtained qualification: Degree in Biology
Date of reading: 07/2021
- 11** **Project title:** Innovation in the diagnosis and classification of childhood acute lymphoblastic leukemia with RNA-seq
Type of project: Minor thesis
Entity: Universidad del País Vasco **Type of entity:** University
Student: Unai Illarregi Insausti
Obtained qualification: Master in Molecular Biology and Biomedicine
Date of reading: 06/2021
- 12** **Project title:** Lymphoblastic lymphoma of B and T cells
Type of project: Minor thesis
Entity: Universidad del País Vasco **Type of entity:** University
Student: Sonia Garcia Muga
Obtained qualification: Degree in Biology
Date of reading: 09/2020
- 13** **Project title:** Identification of genetic markers in vincristine's route associated with survival in acute lymphoblastic leukaemia
Type of project: Minor thesis
Entity: Universidad del País Vasco **Type of entity:** University
Student: Iratxe Seoane Alvarez
Obtained qualification: Degree in Biochemistry and Molecular Biology
Date of reading: 07/2020
- 14** **Project title:** Somatic mutations in DLBCL
Type of project: Minor thesis
Entity: Universidad del País Vasco **Type of entity:** University
Student: Unai Illarregi Insausti
Obtained qualification: Degree in Biology
Date of reading: 07/2020
- 15** **Project title:** Relevance of miRNAs as biomarkers for diagnosis, prognosis and treatment response in Diffuse Large B cell Lymphoma
Type of project: Minor thesis
Entity: Universidad del País Vasco **Type of entity:** University
Student: Blanca Gandia Aguilar
Obtained qualification: Master in Pharmacology. Development, evaluation and rational use of drugs.
Date of reading: 06/2020
- 16** **Project title:** Identification of genetic biomarkers associated with relapse in pediatric ALL.
Type of project: Minor thesis
Entity: Universidad del País Vasco **Type of entity:** University
Student: Aizpea Artetxe Zurutuza



Obtained qualification: Degree in Biochemistry and Molecular Biology

Date of reading: 01/07/2019

17 Project title: Possible utility of the analysis of genetic variants for the diagnosis of pediatric medulloblastoma

Type of project: Minor thesis

Entity: Universidad del País Vasco

Type of entity: University

Student: Nerea Berastegui

Obtained qualification: Degree in Biochemistry and Molecular Biology

Date of reading: 07/2018

18 Project title: Pharmacogenetics of methotrexate resistance in pediatric acute lymphoblastic leukemia.

Type of project: Fellowship project

Entity: Rhodes College

Type of entity: University

City of entity: Memphis, United States of America

Student: Tyler Harvey

Date of reading: 05/2015

19 Project title: Genetic markers related with nicotine dependence levels.

Type of project: Minor thesis

Entity: Universidad del País Vasco

Type of entity: University

Student: Maria Constantin

Obtained qualification: Degree in Biochemistry and Molecular Biology

Date of reading: 06/2012

Participation in innovative teaching projects

Project title: Jugando con la Bioquímica para trabajar los ODS

Type of participation: Principal investigator

Funding entity: Universidad del País Vasco

Type of entity: University

Start-End date: 2024 - 2025

Participation in conferences with talks focused on teacher training

1 Name of the event: Experiencias en la implementación de actividades que incorporan ODS en la ZTFFCT

Type of event: Conference

Type of participation: Participatory - invited/keynote talk

City of event: Spain

Date of presentation: 18/06/2024

Organising entity: Universidad del País Vasco

Type of entity: University

2 Name of the event: I Jornada de Innovación Docente de la Facultad de Ciencia y Tecnología

Type of event: Conference

Type of participation: Participatory - poster

City of event: Spain

Date of presentation: 15/06/2023

Organising entity: Universidad del País Vasco

Type of entity: University

Managing tools for the control of plagiarism an.



Healthcare experience

Courses and seminars given to healthcare professionals focused on improving medical care

- 1** **Name of the course:** Búsqueda de nuevos marcadores para la mejora de la clasificación de las LLAs pediátricas.
Entity where project took place: Hospital de Cruces **Type of entity:** Healthcare Institutions
Start date: 04/2013
- 2** **Name of the course:** Farmacogenética: resultados de las LLA
Entity where project took place: Hospital de Cruces **Type of entity:** Healthcare Institutions
Start date: 10/2012

Scientific and technological experience

Research and development groups/teams

- 1** **Name of the group:** BioCruces Pediatric Oncology group
Type of collaboration: Co-authorship of projects and their development
Affiliation entity: Universidad del País Vasco **Type of entity:** University
Start date: 2018
- 2** **Name of the group:** COST LEGEND
Type of collaboration: Co-authorship of international collaboration
Affiliation entity: Universidad del País Vasco **Type of entity:** University
Start date: 2017 **Duration:** 6 years
- 3** **Name of the group:** Genetics and epigenetics in complex diseases
Type of collaboration: Co-authorship of projects and their development
Affiliation entity: Universidad del País Vasco **Type of entity:** University
Start date: 2013
- 4** **Name of the group:** Formation and Investigation Unit. Neurochemistry, Neuropsychopharmacology and Psychiatry
Type of collaboration: Collaboration in training third parties
Affiliation entity: Universidad del País Vasco **Type of entity:** University
Start date: 2011 **Duration:** 4 years
- 5** **Name of the group:** Thematic Network for Cooperative Investigation in Cancer
Type of collaboration: Co-authorship of projects and their development
Affiliation entity: Universidad del País Vasco **Type of entity:** University
Start date: 2010

Scientific or technological activities

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

- 1** **Name of the project:** A Spanish nation-wide strategy to implement personalized medicine in children and adolescents with cancer
Entity where project took place: Universidad del País Vasco **Type of entity:** University
Name principal investigator (PI, Co-PI....): Itziar Astigarraga Aguirre
Funding entity or bodies:
Instituto de Salud Carlos III **Type of entity:** Public Research Body
Type of participation: Team member
Name of the programme: Medicina personalizada
Start-End date: 2022 - 2025
Total amount: 195.294 €
- 2** **Name of the project:** Avances en el diagnóstico molecular de leucemias y linfomas infantiles
Entity where project took place: Universidad del País Vasco **Type of entity:** University
Name principal investigator (PI, Co-PI....): Angela Gutierrez
Funding entity or bodies:
Departamento de Sanidad del Gobierno Vasco **Type of entity:** Public department
Type of participation: Team member
Name of the programme: Proyectos en salud
Start-End date: 2022 - 2025
Total amount: 96.086,75 €
- 3** **Name of the project:** RED DE MEDICINA DE PRECISIÓN EN ENFERMEDADES COMPLEJAS (RMPEC)
Entity where project took place: Universidad del País Vasco **Type of entity:** University
Name principal investigator (PI, Co-PI....): Idoia Martin Guerrero
Funding entity or bodies:
Education Department from the Basque Government
Type of participation: Team member
Name of the programme: Grupos Consolidados
Code according to the funding entity: IT989-16
Start-End date: 2022 - 2025
Total amount: 118.100 €
- 4** **Name of the project:** Desarrollo de una plataforma de apoyo a la investigación para el cáncer infantil
Entity where project took place: Universidad del País Vasco **Type of entity:** University
Name principal investigator (PI, Co-PI....): Itziar Astigarraga Aguirre
Funding entity or bodies:
EiTB maratona BIOEF
Type of participation: Team member
Name of the programme: Proyectos de investigación en cáncer infantil



Start-End date: 2021 - 2025

Total amount: 242.630,24 €

- 5 Name of the project:** Identificación de síndromes de predisposición genética al cáncer infantil e implicación del splicing aberrante en su desarrollo

Entity where project took place: Universidad del País Vasco **Type of entity:** University

Name principal investigator (PI, Co-PI....): Olatz Villate

Funding entity or bodies:

Departamento de Sanidad del Gobierno Vasco **Type of entity:** Public department

Type of participation: Team member

Name of the programme: Proyectos en salud

Start-End date: 2021 - 2024

Total amount: 82.655,1 €

- 6 Name of the project:** RNAs no codificantes como nuevas dianas terapéuticas de medicina de precisión en leucemia linfoblástica infantil

Entity where project took place: Universidad del País Vasco **Type of entity:** University

Name principal investigator (PI, Co-PI....): Elixabet Lopez Lopez

Funding entity or bodies:

Departamento de Sanidad del Gobierno Vasco **Type of entity:** Public department

Type of participation: Principal investigator

Name of the programme: Proyectos en salud

Start-End date: 2021 - 2024

Total amount: 81.414 €

- 7 Name of the project:** Infraestructure: SISTEMA DE ADQUISICIÓN DE IMÁGENES MOLECULARES

Entity where project took place: Universidad del País Vasco **Type of entity:** University

Name principal investigator (PI, Co-PI....): Ana Zubiaga

Funding entity or bodies:

Universidad del País Vasco **Type of entity:** University

City funding entity: Bilbao, Basque Country, Spain

Type of participation: Team member

Name of the programme: Infraestructure

Start-End date: 2023 - 2023

Total amount: 10.625 €

- 8 Name of the project:** Nueva firma farmacogenómica de predicción respuesta al tratamiento mediante el estudio de RNAs no codificantes en Leucemia Linfoblástica Aguda infantil

Entity where project took place: Universidad del País Vasco **Type of entity:** University

Name principal investigator (PI, Co-PI....): Idoia Martin Guerrero

Funding entity or bodies:

Foundation Mutua Madrileña

Type of participation: Team member

Name of the programme: Proyectos de investigacion en cancer infantil

Start-End date: 01/09/2019 - 31/08/2022

Total amount: 100.000 €



- 9** **Name of the project:** Leukemia Gene discovery by data sharing mining and colaboration
Entity where project took place: Universidad del País Vasco **Type of entity:** University
Name principal investigator (PI, Co-PI....): Esme Waanders
Funding entity or bodies:
European COST Actions
City funding entity: Brussels, Belgium
Type of participation: Team member
Name of the programme: COST
Code according to the funding entity: CA16223
Start-End date: 2017 - 2021
Total amount: 532.468,7 €
- 10** **Name of the project:** Genetics and epigenetics in complex diseases
Entity where project took place: Universidad del País Vasco **Type of entity:** University
Name principal investigator (PI, Co-PI....): Idoia Martin Guerrero
Funding entity or bodies:
Education Department from the Basque Government
Type of participation: Team member
Name of the programme: Grupos Consolidados
Code according to the funding entity: IT989-16
Start-End date: 2016 - 2021
Total amount: 540.800 €
- 11** **Name of the project:** Infrastructure: Equipamiento para procesado de muestras de DNA y cuantificación de la expresión génica
Entity where project took place: Universidad del País Vasco **Type of entity:** University
Name principal investigator (PI, Co-PI....): Ana Zubiaga
Funding entity or bodies:
Universidad del País Vasco **Type of entity:** University
City funding entity: Bilbao, Basque Country, Spain
Type of participation: Team member
Name of the programme: Infraestructure
Code according to the funding entity: INF20/05
Start-End date: 2020 - 2020
Total amount: 23.655 €
- 12** **Name of the project:** MicroRNAs as a useful tool for diagnosis, classification and prognosis in pediatric acute lymphoblastic leukemia
Entity where project took place: Universidad del País Vasco **Type of entity:** University
Name principal investigator (PI, Co-PI....): Angela Gutierrez Camino
Funding entity or bodies:
Inocente Inocente Foundation **Type of entity:** Foundation
Type of participation: Team member
Name of the programme: Proyectos de investigacion en cancer infantil
Start-End date: 01/01/2019 - 31/12/2019



Total amount: 40.000 €

- 13 Name of the project:** Clinical utility of Next Generation Sequencing in the diagnosis and treatment of lymphomas

Entity where project took place: Universidad del País Vasco **Type of entity:** University

Name principal investigator (PI, Co-PI....): Elixabet Lopez Lopez

Funding entity or bodies:

Cancer BIOEF (EiTB)

Type of participation: Principal investigator

Name of the programme: EiTB maratona

Code according to the funding entity: BIO15/CA/022/BC

Start-End date: 2016 - 2019

Total amount: 45.589,5 €

- 14 Name of the project:** Thematic Network for Cooperative Investigation in Cancer, (RTICC)

Entity where project took place: Universidad del País Vasco **Type of entity:** University

Name principal investigator (PI, Co-PI....): Miguel Angel Piris

Funding entity or bodies:

Ministerio de Sanidad y Consumo

Type of entity: Administrative Body of the National Health System

City funding entity: Barcelona, Catalonia, Spain

Type of participation: Team member

Name of the programme: RTICC

Code according to the funding entity: RD12/0036/0060

Start-End date: 2012 - 2017

Total amount: 92.575 €

- 15 Name of the project:** Pharmacogenomics of childhood leukemia ALL

Entity where project took place: St Jude Children's Research Hospital **Type of entity:** Healthcare Institutions

City of entity: Memphis, United States of America

Name principal investigator (PI, Co-PI....): William E. Evans

Funding entity or bodies:

National Institute of Health (NIH)

Type of participation: Team member

Start-End date: 2015 - 2016

Total amount: 745.100 €

- 16 Name of the project:** Genetics and epigenetics in complex diseases

Entity where project took place: Universidad del País Vasco **Type of entity:** University

Name principal investigator (PI, Co-PI....): Africa Garcia-Orad

Funding entity or bodies:

Education Department from the Basque Government

Type of participation: Team member

Name of the programme: Grupos consolidados

Code according to the funding entity: IT661-13

Start-End date: 2013 - 2015



Total amount: 87.200 €

17 Name of the project: Pharmacogenetics in pediatric malignancies. Effect of vincristine

Entity where project took place: Universidad del País Vasco **Type of entity:** University

Name principal investigator (PI, Co-PI....): Nagore Garcia de Andoin

Funding entity or bodies:

Health Department from the Basque Government

Type of participation: Team member

Name of the programme: Health projects

Code according to the funding entity: 2012111053

Start-End date: 2013 - 2015

Total amount: 33.000 €

18 Name of the project: Formation and Investigation Unit. Neurochemistry, Neuropsychopharmacology and Psychiatry

Entity where project took place: Universidad del País Vasco **Type of entity:** University

Name principal investigator (PI, Co-PI....): Joan Salles Meana

Funding entity or bodies:

Universidad del País Vasco

Type of entity: University

City funding entity: Bilbao, Basque Country, Spain

Type of participation: Team member

Name of the programme: UFI

Code according to the funding entity: UFI11/35

Start-End date: 2011 - 2014

Total amount: 69.469,98 €

19 Name of the project: Genetic polymorphisms in the susceptibility to Chronic lymphocytic leukemia

Entity where project took place: Universidad del País Vasco **Type of entity:** University

Name principal investigator (PI, Co-PI....): Africa Garcia-Orad

Funding entity or bodies:

Department of Economy and Competitiveness from the Basque Government

Type of participation: Team member

Name of the programme: Saiotek

Code according to the funding entity: SPE13UNO79

Start-End date: 2013 - 2013

Total amount: 4.761,13 €

20 Name of the project: Pharmacogenetics in pediatric malignancies: vincristine in acute lymphoblastic leukemia

Entity where project took place: Universidad del País Vasco **Type of entity:** University

Name principal investigator (PI, Co-PI....): Africa Garcia-Orad

Funding entity or bodies:

Department of Economy and Competitiveness from the Basque Government

Type of participation: Team member

Name of the programme: Saiotek

Code according to the funding entity: SPE13UNO68

**Start-End date:** 2013 - 2013**Total amount:** 4.749,8 €**21 Name of the project:** Thematic Network for Cooperative Investigation in Cancer, (RTICC)**Entity where project took place:** Universidad del País Vasco **Type of entity:** University**Name principal investigator (PI, Co-PI....):** Africa Garcia-Orad**Funding entity or bodies:**

Ministerio de Sanidad y Consumo

Type of entity: Administrative Body of the National Health System**City funding entity:** Barcelona, Catalonia, Spain**Type of participation:** Team member**Name of the programme:** RTICC**Code according to the funding entity:** RD06/0020/0048**Start-End date:** 2006 - 2012**Total amount:** 20.700 €**22 Name of the project:** Infrastructure: Pyrosequencer**Entity where project took place:** Universidad del País Vasco **Type of entity:** University**Name principal investigator (PI, Co-PI....):** Africa Garcia-Orad**Funding entity or bodies:**

Universidad del País Vasco

Type of entity: University**City funding entity:** Bilbao, Basque Country, Spain**Type of participation:** Team member**Name of the programme:** Infraestructure**Code according to the funding entity:** INF11/28**Start-End date:** 2011 - 2011**Total amount:** 36.500 €**23 Name of the project:** Infrastructure: SKY**Entity where project took place:** Universidad del País Vasco **Type of entity:** University**Name principal investigator (PI, Co-PI....):** Aurora Navajas**Funding entity or bodies:**

Universidad del País Vasco

Type of entity: University**City funding entity:** Bilbao, Basque Country, Spain**Type of participation:** Team member**Name of the programme:** Infraestructure**Code according to the funding entity:** INF09/38**Start-End date:** 2009 - 2009**Total amount:** 30.000 €**24 Name of the project:** Acute Lymphoblastic Leukemia, molecular characterization and correlation with clinical parameters**Entity where project took place:** Universidad del País Vasco **Type of entity:** University**Name principal investigator (PI, Co-PI....):** Africa Garcia-Orad**Funding entity or bodies:**

Department of Health of the Basque Government

**Type of participation:** Team member**Start-End date:** 2006 - 2009**Total amount:** 36.000 €

Scientific and technological activities

Scientific production

H index: 22**Date of application:** 04/11/2024**Source of H-Index:** SCOPUS

Publications, scientific and technical documents

- 1 Gutierrez-Camino A; Caron M; Richer C; Fuchs C; Illarregi U; Poncelet L; St-Onge P; Bataille AR; Tremblay-Dauphinais P; Lopez-Lopez E; Camos M; Ramirez-Orellana M; Astigarraga I; Lécuyer É; Bourque G; Martin-Guerrero I; Sinnett D. CircRNAome of Childhood Acute Lymphoblastic Leukemia: Deciphering Subtype-Specific Expression Profiles and Involvement in TCF3::PBX1 ALL. International journal of molecular sciences. 25, 2024.

DOI: 10.3390/ijms25031477**PMID:** 38338754**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 10**Total no. authors:** 17**Corresponding author:** No**Impact source:** ISI**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY**Impact index in year of publication:** 4.9**Journal in the top 25%:** Yes**Position of publication:** 66**No. of journals in the cat.:** 313

- 2 Illarregi, Unai; Lopez-Lopez, Elixabet. LncRNA expression and regulatory networks across pediatric cancers. TRANSLATIONAL PEDIATRICS. 13, pp. 383 - 386. 2024. ISSN 2224-4336

DOI: 10.21037/tp-23-531**PMID:** MEDLINE:38455753**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 2**Total no. authors:** 2**Corresponding author:** Yes**Impact source:** ISI**Category:** Science Edition - PEDIATRICS**Impact index in year of publication:** 1.5**Journal in the top 25%:** No**Position of publication:** 86**No. of journals in the cat.:** 186

- 3 Anastasopoulou, Stavroula; Swann, Gemma; Andres-Jensen, Liv; Attarbaschi, Andishe; Barzilai-Birenboim, Shlomit; Erdelyi, Daniel J.; Escherich, Gabriele; Hamadeh, Lina; Harila, Arja; Lopez-Lopez, Elixabet; McGowan, Sheena; Moericke, Anja; Putti, Caterina; Sagi, Judit C.; Schmiegelow, Kjeld; Ullrich, Nicole J.; van der Sluis, Inge M.; Wahid, Qurat-ul-Ain; Winick, Naomi; Sramkova, Lucie; Zalcborg, Yair; Zapotocka, Ester; Bhojwani, Deepa; Halsey, Christina. Severe steroid-related neuropsychiatric symptoms during paediatric acute lymphoblastic leukaemia therapy-An observational Ponte di Legno Toxicity Working Group Study. BRITISH JOURNAL OF HAEMATOLOGY. 2024. ISSN 0007-1048

DOI: 10.1111/bjh.19610

**PMID:** MEDLINE:38924051**Type of production:** Scientific paper**Position of signature:** 10**Total no. authors:** 24**Impact source:** ISI**Impact index in year of publication:** 5.1**Position of publication:** 17**Format:** Journal**Corresponding author:** No**Category:** Science Edition - HEMATOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 97

- 4** M. Apellaniz-Ruiz; J. Barrachina; P. Castro-Sanchez; A. Comes-Raga; X. García-González; A. Gil-Rodríguez; E. Lopez-Lopez; O. Maroñas; R. Morón; J. Muriel; G.G. Olivera; P. Riera; M. Saiz-Rodríguez; S. Salvador-Martín; C. Sans-Pola; H. Tejera-Pérez; A. Velasco-Ruiz; Z. Verde; D. Wang; A.E. Rodríguez-Vicente; R. Nunez-Torres. Status of the implementation of pharmacogenetics in clinical practice in Spain: from regional to national initiatives. *Drug Metabolism and Personalized Therapy*. 39, pp. 183 - 199. 2024. ISSN 23638907

DOI: 10.1515/dmpt-2024-0042**Type of production:** Scientific paper**Position of signature:** 7**Total no. authors:** 21**Source of citations:** SCOPUS**Format:** Journal**Citations:** 1

- 5** Lopez-Lopez, Elixabet. Genetics and Epigenetics in Complex Diseases. *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*. 24, 2023.

DOI: 10.3390/ijms24098186**PMID:** 37175893**Type of production:** Scientific paper**Position of signature:** 1**Total no. authors:** 1**Impact source:** ISI**Impact index in year of publication:** 4.9**Position of publication:** 66**Format:** Journal**Corresponding author:** Yes**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 313

- 6** de Estibariz, Ivan Martinez; Jakjmovska, Anastasija; Illarregi, Unai; Martin-Guerrero, Idoia; Gutierrez-Camino, Angela; Lopez-Lopez, Elixabet; Bilbao-Aldaiturriaga, Nerea. The Role of the Dysregulation of Long Non-Coding and Circular RNA Expression in Medulloblastoma: A Systematic Review. *CANCERS*. 15, 2023.

DOI: 10.3390/cancers15194686**PMID:** 37835380**Type of production:** Scientific paper**Position of signature:** 6**Total no. authors:** 7**Impact source:** ISI**Impact index in year of publication:** 4.5**Position of publication:** 78**Corresponding author:** Yes**Category:** Science Edition - ONCOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 322

- 7** Larrabeiti-Etxebarria, Ane; Bilbao-Aldaiturriaga, Nerea; Arzuaga-Mendez, Javier; Martin-Arruti, Maialen; Cozzuto, Luca; Gaafar, Ayman; Ruiz-Díaz, Irune; Guerra, Isabel; Martin-Guerrero, Idoia; Lopez-Lopez, Elixabet; Gutierrez-Camino, Angela. microRNA sequencing for biomarker detection in the diagnosis, classification and prognosis of Diffuse Large B Cell Lymphoma. *SCIENTIFIC REPORTS*. 13, 2023. ISSN 2045-2322

DOI: 10.1038/s41598-023-39271-7**PMID:** 37500691**Type of production:** Scientific paper

**Position of signature:** 10**Total no. authors:** 11**Impact source:** ISI**Impact index in year of publication:** 3.8**Position of publication:** 25**Corresponding author:** Yes**Category:** Multidisciplinary**Journal in the top 25%:** Yes**No. of journals in the cat.:** 134

- 8** Helenius, Marianne; Vaitkeviciene, Goda; Abrahamsson, Jonas; Jonsson, Olafur Gisli; Lund, Bendik; Harila-Saari, Arja; Vettenranta, Kim; Mikkil, Sirje; Stanulla, Martin; Lopez-Lopez, Elixabet; Waanders, Esme; Madsen, Hans O.; Marquart, Hanne Vibeke; Modvig, Signe; Gupta, Ramneek; Schmiegelow, Kjeld; Nielsen, Rikke Linnemann. Characteristics of white blood cell count in acute lymphoblastic leukemia: A COST LEGEND phenotype-genotype study. PEDIATRIC BLOOD & CANCER. 2022. ISSN 1545-5009

DOI: 10.1002/pbc.29582**PMID:** 35316565**Type of production:** Scientific paper**Position of signature:** 10**Total no. authors:** 17**Impact source:** ISI**Impact index in year of publication:** 3.2**Position of publication:** 34**Category:** Science Edition - PEDIATRICS**Journal in the top 25%:** No**No. of journals in the cat.:** 130

- 9** Brighita LJ.; Fiocco M.; Pieters R.; Albertsen BK.; Escherich G.; Lopez-Lopez E.; Mondelaers V.; Vora A.; Vrooman L.; Schmiegelow K.; van der Sluis I.M.. Hypersensitivity to Pegylated E.colia sparaginase as first-line treatment in contemporary paediatric acute lymphoblastic leukaemia protocols: a meta-analysis of the Ponte di Legno Toxicity working group. European Journal of Cancer. 162, pp. 65 - 75. 2022. ISSN 09598049

DOI: 10.1016/j.ejca.2021.11.016**Type of production:** Scientific paper**Position of signature:** 6**Total no. authors:** 11**Impact source:** ISI**Impact index in year of publication:** 10.002**Position of publication:** 31**Format:** Journal**Category:** Science Edition - ONCOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 245

- 10** Illarregi, Unai; Telleria, Jaione; Bilbao-Aldaiturriaga, Nerea; Lopez-Lopez, Elixabet; Ballesteros, Javier; Martin-Guerrero, Idoia; Gutierrez-Camino, Angela. lncRNA deregulation in childhood acute lymphoblastic leukemia: A systematic review. INTERNATIONAL JOURNAL OF ONCOLOGY. 60, 2022. ISSN 1019-6439

DOI: 10.3892/ijo.2022.5348**PMID:** 35419612**Type of production:** Scientific paper**Position of signature:** 4**Total no. authors:** 7**Impact source:** ISI**Impact index in year of publication:** 5.2**Position of publication:** 72**Category:** Science Edition - ONCOLOGY**Journal in the top 25%:** No**No. of journals in the cat.:** 241**Source of citations:** WOS**Citations:** 2

- 11** Herrera-Espejo, Soraya; Santos-Zorroza, Borja; Alvarez-Gonzalez, Paula; Martin-Guerrero, Idoia; M. de Pancorbo, Marian; Garcia-Orad, Africa; Lopez-Lopez, Elixabet. A Genome-Wide Study of Single-Nucleotide Polymorphisms in MicroRNAs and Further In Silico Analysis Reveals Their Putative Role in Susceptibility to Late-Onset Alzheimer's Disease. MOLECULAR NEUROBIOLOGY. 58, 2021. ISSN 0893-7648

**DOI:** 10.1007/s12035-020-02103-0**PMID:** 32892277**Type of production:** Scientific paper**Position of signature:** 7**Total no. authors:** 7**Impact source:** ISI**Impact index in year of publication:** 4.5**Position of publication:** 65**Corresponding author:** Yes**Category:** Science Edition - NEUROSCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 271

- 12** Maagdenberg H.; Oosterom N.; 0000-0002-4634-3346; Gemmati D.; Windsor R.E.; 0000-0003-4737-5865; 0000-0002-3080-5702; Jabeen S.; Ruiz-Argüelles G.J.; Zolk O.; Hoerning S.; 0000-0002-4480-8330; López-López E.; Moreno-Galván M.; van den Heuvel-Eibrink M.M.; Maitland-van der Zee A.H.; 0000-0002-4485-4054. Genetic variants associated with methotrexate-induced mucositis in cancer treatment: A systematic review and meta-analysis. *Critical Reviews in Oncology/Hematology*. 161, 2021. ISSN 10408428

DOI: 10.1016/j.critrevonc.2021.103312**Type of production:** Scientific paper**Position of signature:** 13**Total no. authors:** 17**Impact source:** ISI**Impact index in year of publication:** 5.833**Position of publication:** 11**Category:** Science Edition - HEMATOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 76

- 13** Lopez-Lopez, Elixabet; Evans, William E.. New insights into methotrexate accumulation in leukemia cells in vivo. *MOLECULAR & CELLULAR ONCOLOGY*. 2021.

DOI: 10.1080/23723556.2020.1865086**PMID:** 33553612**Type of production:** Scientific paper**Position of signature:** 1**Total no. authors:** 2**Impact source:** SCOPUS**Impact index in year of publication:** 0.58**Position of publication:** 156**Category:** Cancer Research**Journal in the top 25%:** No**No. of journals in the cat.:** 214

- 14** Maria Lopez-Santillan; Elixabet Lopez-Lopez; Paula Alvarez-Gonzalez; Garazi Martinez; Javier Arzuaga-Mendez; Irune Ruiz-Diaz; Isabel Guerra-Merino; Angela Gutierrez-Camino; Idoia Martin-Guerrero. Prognostic and therapeutic value of somatic mutations in diffuse large B-cell lymphoma: A systematic review. *Critical Reviews in Oncology/Hematology*. pp. 103430 - 103430. 2021. Available on-line at: <<https://www.sciencedirect.com/science/article/pii/S1040842821002183>>. ISSN 1040-8428

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

- 15** L. Andrés-Jensen; A. Attarbaschi; E. Bardi; S. Barzilai-Birenboim; D. Bhojwani; M.M. Hagleitner; C. Halsey; A. Harila-Saari; R.R.L. van Litsenburg; M.M. Hudson; S. Jeha; M. Kato; L. Kremer; W. Mlynarski; A. Möricke; R. Pieters; C. Piette; E. Raetz; L. Ronceray; C. Toro; M. Grazia Valsecchi; L.M. Vrooman; S. Weinreb; N. Winick; K. Schmiegelow; M.R. Adams; L. Andres-Jensen; K. Baust; T. Boesten; G. Calaminus; R. Conyers; A.-S. Darlington; M. de Ville; G. Escherich; M. Hagleitner; J.-Y. Hou; T.-H. Huang; M. Hudson; M. Jenney; M. Krawczuk-Rybak; L. Kremer; M. Lautem; H.-C. Liu; E. Lopez Lopez; M. Mateos; K. Muszynska-Roslan; R. Niinimäki; T. Trahair; M.G. Valsecchi; I. van der Sluis; R. van Litsenburg; L. Vrooman; A. Wiener; M. Yano; T.-C. Yeh; E. Zapotocka; Ponte di Legno Severe Toxicity Working Group. Severe toxicity free survival: physician-derived definitions of unacceptable long-term toxicities following acute lymphocytic leukaemia. *The Lancet Haematology*. 8 - 7, pp. e513 - e523. 2021. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108333882&doi=10.1016%2fS2352-3026%2821%2900136-8&partnerID=40&md5=3238823b3d6d03ce873b52>>

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

- 16** Taylor, Zachary L.; Vang, Jesper; Lopez-Lopez, Elixabet; Oosterom, Natanja; Mikkelsen, Torben; Ramsey, Laura B.. Systematic Review of Pharmacogenetic Factors That Influence High-Dose Methotrexate Pharmacokinetics in Pediatric Malignancies. *CANCERS*. 13, 2021.

DOI: 10.3390/cancers13112837**Type of production:** Scientific paper**Position of signature:** 3**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 6.639**Position of publication:** 51**Corresponding author:** No**Category:** Oncology**Journal in the top 25%:** Yes**No. of journals in the cat.:** 242

- 17** Systematic review of the potential of MicroRNAs in the management of patients with follicular lymphoma. *Critical Reviews in Oncology/Hematology*. 2021.

Type of production: Scientific paper**Format:** Journal**Corresponding author:** Yes

- 18** Angela Gutierrez Camino; Susana Garcia Obregon; Elixabet Lopez Lopez; Itziar Astigarraga; Africa Garcia Orad. miRNA deregulation in childhood acute lymphoblastic leukemia: a systematic review. *Epigenomics*. 12 - 1, pp. 69 - 80. 01/2020. ISSN 1750-192X

Type of production: Scientific paper**Position of signature:** 3**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 4.112**Position of publication:** 45**Category:** Science Edition - GENETICS & HEREDITY**Journal in the top 25%:** No**No. of journals in the cat.:** 177

- 19** Autry, Robert J.; Paugh, Steven W.; Carter, Robert; Shi, Lei; Liu, Jingjing; Ferguson, Daniel C.; Lau, Calvin E.; Bonten, Erik J.; Yang, Wenjian; McCorkle, J. Robert; Beard, Jordan A.; Panetta, John C.; Diedrich, Jonathan D.; Crews, Kristine R.; Pei, Deqing; Coke, Christopher J.; Natarajan, Sivaraman; Khatamian, Alireza; Karol, Seth E.; Lopez-Lopez, Elixabet; Diouf, Barthelemy; Smith, Colton; Gocho, Yoshihiro; Hagiwara, Kohei; Roberts, Kathryn G.; Pounds, Stanley; Kornblau, Steven M.; Stock, Wendy; Paietta, Elisabeth M.; Litzow, Mark R.; Inaba, Hiroto; Mullighan, Charles G.; Jeha, Sima; Pui, Ching-Hon; Cheng, Cheng; Savic, Daniel; Yu, Jiyang; Gawad, Charles; Relling, Mary, V.; Yang, Jun J.; Evans, William E.. Integrative genomic analyses reveal mechanisms of glucocorticoid resistance in acute lymphoblastic leukemia. *NATURE CANCER*. 1, 2020.

DOI: 10.1038/s43018-020-0037-3**PMID:** 32885175**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 20**Total no. authors:** 41**Source of citations:** WOS**Corresponding author:** No**Citations:** 2

- 20** Lopez-Lopez, Elixabet; Autry, Robert J.; Smith, Colton; Yang, Wenjian; Paugh, Steven W.; Panetta, John C.; Crews, Kristine R.; Bonten, Erik J.; Smart, Brandon; Pei, Deqing; McCorkle, Robert; Diouf, Barthelemy; Roberts, Kathryn G.; Shi, Lei; Pounds, Stanley; Cheng, Cheng; Mullighan, Charles G.; Pui, Ching-Hon; Relling, Mary V.; Evans, William E.. Pharmacogenomics of intracellular methotrexate polyglutamates in patients' leukemia cells in vivo. *JOURNAL OF CLINICAL INVESTIGATION*. 130, 2020. ISSN 0021-9738

DOI: 10.1172/JCI140797**PMID:** 33164984**Type of production:** Scientific paper**Format:** Journal

**Position of signature:** 1**Total no. authors:** 20**Impact source:** ISI**Impact index in year of publication:** 11.864**Position of publication:** 3**Source of citations:** WOS**Category:** Science Edition - MEDICINE, RESEARCH & EXPERIMENTAL**Journal in the top 25%:** Yes**No. of journals in the cat.:** 139**Citations:** 1

- 21** Gutierrez-Camino, Angela; Richer, Chantal; St-Onge, Pascal; Lopez-Lopez, Elixabet; Baneres, Ana Carbone; de Andoin, Nagore Garcia; Sastre, Ana; Astigarraga, Itziar; Martin-Guerrero, Idoia; Sinnett, Daniel; Garcia-Orad, Africa. Role of rs10406069 in miR-5196 in hyperdiploid childhood acute lymphoblastic leukemia. EPIGENOMICS. 12, 2020. ISSN 1750-1911

DOI: 10.2217/epi-2020-0152**PMID:** 33245684**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 4**Total no. authors:** 11**Corresponding author:** No**Impact source:** ISI**Category:** Science Edition - GENETICS & HEREDITY**Impact index in year of publication:** 4.112**Journal in the top 25%:** No**Position of publication:** 45**No. of journals in the cat.:** 177

- 22** E. Prieto-Fernández; E. Lopez-Lopez; I. Martin-Guerrero; L. Bárcena; M. Gonzalez-Lopez; A.M. Aransay; J.J. Lozano; J. Benito; J.M. Falcón-Pérez; A. Garcia-Orad. Variability in Cerebrospinal Fluid MicroRNAs Through Life. Molecular Neurobiology. 57 - 10, pp. 4134 - 4142. 2020. ISSN 0893-7648

DOI: 10.1007/s12035-020-02011-3**PMID:** 32676987**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 2**Total no. authors:** 10**Corresponding author:** Yes**Impact source:** ISI**Category:** Science Edition - CLINICAL NEUROLOGY**Impact index in year of publication:** 4.5**Journal in the top 25%:** Yes**Position of publication:** 65**No. of journals in the cat.:** 271

- 23** Soraya Herrera Espejo; Borja Santos Zorroza; Paula Álvarez González; Elixabet Lopez Lopez; África García Orad. A Systematic Review of MicroRNA Expression as Biomarker of Late-Onset Alzheimer's Disease. Molecular neurobiology. 25/06/2019. ISSN 1559-1182

Type of production: Scientific paper**Position of signature:** 5**Total no. authors:** 5**Corresponding author:** Yes**Impact source:** ISI**Category:** Science Edition - NEUROSCIENCES**Impact index in year of publication:** 4.5**Journal in the top 25%:** Yes**Position of publication:** 65**No. of journals in the cat.:** 271**Relevant results:** Co-last author

- 24** Javier Arzuaga Mendez; Endika Prieto Fernández; Elixabet Lopez Lopez; Idoia Martin Guerrero; Juan Carlos García Ruiz; Africa García Orad. Cell-free DNA as a biomarker in diffuse large B-cell lymphoma: A systematic review. Critical reviews in oncology/hematology. 139, pp. 7 - 15. 27/04/2019. ISSN 1879-0461

Type of production: Scientific paper**Position of signature:** 3

**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 5.833**Position of publication:** 11**Category:** Science Edition - HEMATOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 76

- 25** Jone Ibañez Perez; Borja Santos Zorroza; Elixabet Lopez Lopez; Jon Irazusta; Begoña Prieto; Victoria Aparicio; Beatriz Corcostegui; África Gracia Orad; Roberto Matorras. Impact of physical activity on semen quality among men from infertile couples. *European journal of obstetrics, gynecology, and reproductive biology*. 237, pp. 170 - 174. (Ireland): 18/04/2019. ISSN 1872-7654

Type of production: Scientific paper**Position of signature:** 3**Total no. authors:** 9**Impact source:** ISI**Impact index in year of publication:** 1.868**Position of publication:** 52**Category:** Science Edition - OBSTETRICS & GYNECOLOGY**Journal in the top 25%:** No**No. of journals in the cat.:** 82

- 26** Maria Cabezas; Mireia Camós; Susana Rives; Africa Garcia Orad; Elixabet Lopez Lopez; Josep L Dapena; María R Caballín; Gemma Armengol. Impact of polymorphisms in apoptosis-related genes on the outcome of childhood acute lymphoblastic leukaemia. *British journal of haematology*. 185 - 1, pp. 159 - 162. 26/03/2019. ISSN 1365-2141

Type of production: Scientific paper**Position of signature:** 5**Total no. authors:** 8**Impact source:** ISI**Impact index in year of publication:** 5.518**Position of publication:** 14**Format:** Journal**Category:** Science Edition - HEMATOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 76

- 27** Ane Larrabeiti Etxebarria; Maria Lopez Santillan; Borja Santos Zorroza; Elixabet Lopez Lopez; Africa Garcia Orad. Systematic Review of the Potential of MicroRNAs in Diffuse Large B Cell Lymphoma. *Cancers*. 11 - 2, (Switzerland): 26/01/2019. ISSN 2072-6694

Type of production: Scientific paper**Position of signature:** 5**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 6.126**Position of publication:** 37**Corresponding author:** Yes**Category:** Science Edition - ONCOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 244**Relevant results:** Co-last author

- 28** Jone Ibañez Perez; Borja Santos Zorroza; Elixabet Lopez Lopez; Roberto Matorras; Africa Garcia Orad. An update on the implication of physical activity on semen quality: a systematic review and meta-analysis. *Archives of gynecology and obstetrics*. (Germany): 22/01/2019. ISSN 1432-0711

Type of production: Scientific paper**Position of signature:** 3**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 2.283**Position of publication:** 32**Format:** Journal**Category:** Science Edition - OBSTETRICS & GYNECOLOGY**Journal in the top 25%:** No**No. of journals in the cat.:** 82

- 29** Ángela Gutierrez Camino; Maitane Umerez; Elixabet Lopez Lopez; Borja Santos Zorrozuza; Idoia Martin Guerrero; Nagore García de Andoin; Sastre Ana; Aurora Navajas; Itziar Astigarraga; Africa Garcia Orad. Involvement of miRNA polymorphism in mucositis development in childhood acute lymphoblastic leukemia treatment. *Pharmacogenomics*. 19 - 18, pp. 1403 - 1412. 12/2018. ISSN 1744-8042

Type of production: Scientific paper

Format: Journal

Position of signature: 3

Total no. authors: 10

Impact source: ISI

Category: Science Edition - PHARMACOLOGY & PHARMACY

Impact index in year of publication: 2.265

Journal in the top 25%: No

Position of publication: 161

No. of journals in the cat.: 267

- 30** Lopez-Santillan M.; Larrabeiti-Etxebarria A.; Arzuaga-Mendez J.; Lopez-Lopez E.; Garcia-Orad A.. Circulating miRNAs as biomarkers in diffuse large B-cell lymphoma: A systematic review. *Oncotarget*. 9, pp. 22850 - 22861. 2018. ISSN 1949-2553

DOI: 10.18632/oncotarget.25230

Type of production: Scientific paper

Position of signature: 5

Total no. authors: 5

Impact source: SCOPUS

Category: Science Edition - ONCOLOGY

Impact index in year of publication: 1.575

Journal in the top 25%: Yes

Position of publication: 71

No. of journals in the cat.: 368

Relevant results: Co-last author

- 31** S.E. Karol; E. Larsen; C. Cheng; X. Cao; W. Yang; L.B. Ramsey; C.A. Fernandez; J.R. McCorkle; S.W. Paugh; R.J. Autry; E. Lopez-Lopez; B. Diouf; S. Jeha; C.-H. Pui; E.A. Raetz; N.J. Winick; W.L. Carroll; S.P. Hunger; M.L. Loh; M. Devidas; W.E. Evans; J.J. Yang; M.V. Relling. Genetics of ancestry-specific risk for relapse in acute lymphoblastic leukemia. *Leukemia*. 31 - 6, pp. 1325 - 1332. 2017. ISSN 0887-6924

Type of production: Scientific paper

Format: Journal

Position of signature: 11

Total no. authors: 23

Impact source: ISI

Category: Science Edition - HEMATOLOGY

Impact index in year of publication: 10.023 Q1

Journal in the top 25%: Yes

Position of publication: 4

No. of journals in the cat.: 71

- 32** A. Gutierrez-Camino; N. Oosterom; M.A.H. Den Hoed; E. Lopez-Lopez; I. Martin-Guerrero; S.M.F. Pluijm; R. Pieters; R. De Jonge; W.J.E. Tissing; S.G. Heil; A. García-Orad; M.M. Van Den Heuvel-Eibrink. The miR-1206 microRNA variant is associated with methotrexate-induced oral mucositis in pediatric acute lymphoblastic leukemia. *Pharmacogenetics and Genomics*. 27 - 8, pp. 303 - 306. 2017. ISSN 1744-6880

Type of production: Scientific paper

Format: Journal

Position of signature: 4

Total no. authors: 12

Impact source: ISI

Category: Science Edition - BIOTECHNOLOGY & APPLIED MICROBIOLOGY

Impact index in year of publication: 2.250 Q2

No. of journals in the cat.: 160

Position of publication: 78



- 33** A. Gutierrez-Camino; I. Martin-Guerrero; E. Lopez-Lopez; A. Echebarria-Barona; I. Zabalza; I. Ruiz; I. Guerra-Merino; A. Garcia-Orad. Lack of association of the CEP72 RS924607 TT genotype with vincristine-related peripheral neuropathy during the early phase of pediatric acute lymphoblastic leukemia treatment in a Spanish population. *Pharmacogenetics and Genomics*. 26 - 2, pp. 100 - 102. 2016. ISSN 1744-6880
Type of production: Scientific paper **Format:** Journal
Position of signature: 3
Total no. authors: 8
Impact source: ISI **Category:** Science Edition - BIOTECHNOLOGY & APPLIED MICROBIOLOGY
Impact index in year of publication: 2.184 Q2
Position of publication: 78 **No. of journals in the cat.:** 160
- 34** E. Lopez-Lopez; A. Gutierrez-Camino; I. Astigarraga; A. Navajas; A. Echebarria-Barona; P. Garcia-Miguel; N. Garcia De Andoin; C. Lobo; I. Guerra-Merino; I. Martin-Guerrero; A. Garcia-Orad. Vincristine pharmacokinetics pathway and neurotoxicity during early phases of treatment in pediatric acute lymphoblastic leukemia. *Pharmacogenomics*. 17 - 7, pp. 731 - 741. 2016. ISSN 1462-2416
Type of production: Scientific paper **Format:** Journal
Position of signature: 1
Total no. authors: 11
Impact source: ISI **Category:** Science Edition - PHARMACOLOGY & PHARMACY
Impact index in year of publication: 2.350 Q3
Position of publication: 132 **No. of journals in the cat.:** 257
- 35** M.A.H. Den Hoed; E. Lopez-Lopez; M.L. Te Winkel; W. Tissing; J.D.E. De Rooij; A. Gutierrez-Camino; A. Garcia-Orad; E. Den Boer; R. Pieters; S.M.F. Pluijm; R. De Jonge; M.M. Van Den Heuvel-Eibrink. Genetic and metabolic determinants of methotrexate-induced mucositis in pediatric acute lymphoblastic leukemia. *Pharmacogenomics Journal*. 15 - 3, pp. 248 - 254. 2015. ISSN 1470-269X
Type of production: Scientific paper **Format:** Journal
Position of signature: 2
Total no. authors: 12
Impact source: ISI **Category:** Science Edition - PHARMACOLOGY & PHARMACY
Impact index in year of publication: 3.784 Q1 **Journal in the top 25%:** Yes
Position of publication: 52 **No. of journals in the cat.:** 255
- 36** I. Martin-Guerrero; A. Gutierrez-Camino; E. Lopez-Lopez; N. Bilbao-Aldaiturriaga; M. Pombar-Gomez; M. Ardanaz; A. Garcia-Orad. Genetic variants in MiRNA processing genes and Pre-MiRNAs are associated with the risk of chronic lymphocytic leukemia. *PLoS ONE*. 10 - 3, 2015. ISSN 1932-6203
Type of production: Scientific paper **Format:** Journal
Position of signature: 3
Total no. authors: 7
Impact source: ISI **Category:** Science Edition - MULTIDISCIPLINARY SCIENCES
Impact index in year of publication: 3.057 Q1 **Journal in the top 25%:** Yes
Position of publication: 15 **No. of journals in the cat.:** 64
- 37** N. Bilbao-Aldaiturriaga; A. Gutierrez-Camino; I. Martin-Guerrero; M. Pombar-Gomez; M. Zalacain-Diez; A. Patiño-Garcia; E. Lopez-Lopez; A. Garcia-Orad. Polymorphisms in miRNA processing genes and their role in osteosarcoma risk. *Pediatric Blood and Cancer*. 62 - 5, pp. 766 - 769. 2015. ISSN 1545-5017



Type of production: Scientific paper
Position of signature: 8
Total no. authors: 8
Impact source: ISI
Impact index in year of publication: 2.634 Q1
Position of publication: 20
Relevant results: Co-last author

Format: Journal

Category: Science Edition - PEDIATRICS
Journal in the top 25%: Yes
No. of journals in the cat.: 120

- 38** M. Pombar-Gomez; E. Lopez-Lopez; I. Martin-Guerrero; A.G.-O. Carles; M.M. de Pancorbo. Potential relationship between single nucleotide polymorphisms used in forensic genetics and diseases or other traits in European population. International Journal of Legal Medicine. 129 - 3, pp. 435 - 443. 2015. ISSN 0937-9827

Type of production: Scientific paper
Position of signature: 2
Total no. authors: 5
Impact source: ISI
Impact index in year of publication: 2.862 Q1
Position of publication: 2

Format: Journal

Category: Science Edition - MEDICINE, LEGAL
Journal in the top 25%: Yes
No. of journals in the cat.: 15

- 39** N. Bastida-Lertxundi; E. López-López; M.A. Piñán; A. Puiggros; A. Navajas; F. Solé; A. García-Orad. Errors in the interpretation of copy number variations due to the use of public databases as a reference. Cancer Genetics. 207 - 4, pp. 164 - 167. 2014. ISSN 2210-7762

Type of production: Scientific paper
Position of signature: 1
Total no. authors: 7
Impact source: ISI
Impact index in year of publication: 2.975 Q2
Position of publication: 65

Format: Journal

Category: Science Edition - GENETICS & HEREDITY
No. of journals in the cat.: 167

Relevant results: Co-first author

- 40** I. Ruiz; M. Martín-Arruti; E. Lopez-Lopez; A. Garcia-Orad. Lack of association between deficient mismatch repair expression and outcome in endometrial carcinomas of the endometrioid type. Gynecologic Oncology. 134 - 1, pp. 20 - 23. 2014. ISSN 0090-8258

Type of production: Scientific paper
Position of signature: 3
Total no. authors: 4
Impact source: ISI
Impact index in year of publication: 3.774 Q1
Position of publication: 7

Format: Journal

Category: Obstetrics and Gynaecology
Journal in the top 25%: Yes
No. of journals in the cat.: 79

- 41** I. Martín-Guerrero; E. de Prado; E. Lopez-Lopez; M. Ardanaz; J.C. Vitoria; L.A. Parada; C. García-Orad; A. García-Orad. Methylation of the nonhomologous end joining repair pathway genes does not explain the increase of translocations with aging. Age (Dordrecht, Netherlands). 36 - 6, 2014. ISSN 0161-9152

Type of production: Scientific paper
Position of signature: 3
Total no. authors: 8
Impact source: ISI
Impact index in year of publication: 3.390 Q2
Position of publication: 14

Format: Journal

Category: Geriatrics and Gerontology
No. of journals in the cat.: 50



- 42** A. Gutierrez-Camino; E. Lopez-Lopez; I. Martin-Guerrero; M.A. Piñan; P. Garcia-Miguel; J. Sanchez-Toledo; A. Carbone Bañeres; J. Uriz; A. Navajas; A. Garcia-Orad. Noncoding RNA-related polymorphisms in pediatric acute lymphoblastic leukemia susceptibility. *Pediatric Research*. 75 - 6, pp. 767 - 773. 2014. ISSN 0031-3998
Type of production: Scientific paper **Format:** Journal
Position of signature: 1
Total no. authors: 10
Impact source: ISI **Category:** Science Edition - PEDIATRICS
Impact index in year of publication: 2.314 Q1 **Journal in the top 25%:** Yes
Position of publication: 29 **No. of journals in the cat.:** 120
Relevant results: Co-first author
- 43** E. López-López; A. Gutiérrez-Camino; M.A. Piñán; J. Sánchez-Toledo; J.J. Uriz; J. Ballesteros; P. García-Miguel; A. Navajas; A. García-Orad. Pharmacogenetics of MicroRNAs and MicroRNAs biogenesis machinery in pediatric acute lymphoblastic leukemia. *PLoS ONE*. 9 - 3, 2014. ISSN 1932-6203
Type of production: Scientific paper **Format:** Journal
Position of signature: 1
Total no. authors: 9
Impact source: ISI **Category:** Science Edition - MULTIDISCIPLINARY SCIENCES
Impact index in year of publication: 3.234 Q1 **Journal in the top 25%:** Yes
Position of publication: 9 **No. of journals in the cat.:** 57
- 44** E. Lopez-Lopez; A. Gutierrez-Camino; N. Bilbao-Aldaiturriaga; M. Pombar-Gomez; I. Martin-Guerrero; A. Garcia-Orad. Pharmacogenetics of childhood acute lymphoblastic leukemia. *Pharmacogenomics*. 15 - 10, pp. 1383 - 1398. 2014. ISSN 1462-2416
Type of production: Scientific paper **Format:** Journal
Position of signature: 1
Total no. authors: 6
Impact source: ISI **Category:** Science Edition - PHARMACOLOGY & PHARMACY
Impact index in year of publication: 3.218 Q2 **No. of journals in the cat.:** 255
Position of publication: 70
- 45** A. Gutierrez-Camino; E. Lopez-Lopez; A. Garcia-Orad. SLC19A1 hot spot for MTX plasma concentration. *Medical oncology (Northwood, London, England)*. 31 - 10, 2014. ISSN 1357-0560
Type of production: Scientific paper **Format:** Journal
Position of signature: 2
Total no. authors: 3
Impact source: ISI **Category:** Oncology
Impact index in year of publication: 2.634 Q3 **No. of journals in the cat.:** 211
Position of publication: 118
- 46** E. Lopez-Lopez; I. Martin-Guerrero; J. Ballesteros; A. Garcia-Orad. A systematic review and meta-analysis of MTHFR polymorphisms in methotrexate toxicity prediction in pediatric acute lymphoblastic leukemia. *Pharmacogenomics Journal*. 13 - 6, pp. 498 - 506. 2013. ISSN 1470-269X
Type of production: Scientific paper **Format:** Journal
Position of signature: 1
Total no. authors: 4
Impact source: ISI **Category:** Science Edition - PHARMACOLOGY & PHARMACY



Impact index in year of publication: 5.513 Q1
Position of publication: 14

Journal in the top 25%: Yes
No. of journals in the cat.: 256

- 47** A. Gutiérrez-Camino; E. López-López; I. Martín-Guerrero; J. Sánchez-Toledo; N. García De Andoin; A. Carboné Baneres; P. García-Miguel; A. Navajas; A. García-Orad. Intron 3 of the ARID5B gene: A hot spot for acute lymphoblastic leukemia susceptibility. *Journal of Cancer Research and Clinical Oncology*. 139 - 11, pp. 1879 - 1886. 2013. ISSN 0171-5216

Type of production: Scientific paper

Format: Journal

Position of signature: 2

Total no. authors: 9

Impact source: ISI

Category: Oncology

Impact index in year of publication: 3.009 Q2

Position of publication: 81

No. of journals in the cat.: 203

- 48** E. Lopez-Lopez; J. Ballesteros; M.A. Piñan; J. Sanchez De Toledo; N. Garcia De Andoin; P. Garcia-Miguel; A. Navajas; A. Garcia-Orad. Polymorphisms in the methotrexate transport pathway: A new tool for MTX plasma level prediction in pediatric acute lymphoblastic leukemia. *Pharmacogenetics and Genomics*. 23 - 2, pp. 53 - 61. 2013. ISSN 1744-6880

Type of production: Scientific paper

Format: Journal

Position of signature: 1

Total no. authors: 8

Impact source: ISI

Category: Science Edition - BIOTECHNOLOGY & APPLIED MICROBIOLOGY

Impact index in year of publication: 3.450 Q1

Position of publication: 39

Journal in the top 25%: Yes

No. of journals in the cat.: 165

- 49** E. Lopez-Lopez; A. Gutierrez-Camino; I. Martin-Guerrero; A. Garcia-Orad. Re: Novel susceptibility variants at 10p12.31-12.2 for childhood acute lymphoblastic leukemia in ethnically diverse populations. *Journal of the National Cancer Institute*. 105 - 19, 2013. ISSN 0027-8874

Type of production: Scientific paper

Format: Journal

Position of signature: 1

Total no. authors: 4

Impact source: ISI

Category: Oncology

Impact index in year of publication: 15.161 Q1

Position of publication: 8

Journal in the top 25%: Yes

No. of journals in the cat.: 203

- 50** E. Lopez-Lopez; J. Ballesteros; A. Garcia-Orad. MTHFR 677TT genotype and toxicity of methotrexate: Controversial results. *Cancer Chemotherapy and Pharmacology*. 68 - 5, pp. 1369 - 1370. 2011. ISSN 0344-5704

Type of production: Scientific paper

Format: Journal

Position of signature: 1

Total no. authors: 3

Impact source: ISI

Category: Science Edition - PHARMACOLOGY & PHARMACY

Impact index in year of publication: 2.833 Q2

Position of publication: 92

No. of journals in the cat.: 261

- 51** E. Lopez-Lopez; I. Martin-Guerrero; J. Ballesteros; M.A. Piñan; P. Garcia-Miguel; A. Navajas; A. Garcia-Orad. Polymorphisms of the SLCO1B1 gene predict methotrexate-related toxicity in childhood acute lymphoblastic leukemia. *Pediatric Blood and Cancer*. 57 - 4, pp. 612 - 619. 2011. ISSN 1545-5017



Type of production: Scientific paper
Position of signature: 1
Total no. authors: 7
Impact source: ISI
Impact index in year of publication: 1.891 Q2
Position of publication: 37

Format: Journal

Category: Science Edition - PEDIATRICS

No. of journals in the cat.: 115

- 52** Lopez-Lopez E, Paugh SW, Panetta JC, Crews KR, Bonten EJ, Cheng C, Pei D, Yang W, Kornegay N, Autry RJ, McCorkle JR, Diouf B, Roberts KG, Shi L, Pounds S, Mullighan CG, Pui CH, Relling MV, and Evans WE. Genome-wide regulatory elements involved in response to methotrexate as a single agent treatment in pediatric acute lymphoblastic leukemia. In preparation.

Type of production: Scientific paper

Format: Journal

- 53** J Telleria; U Illarregi; E Lopez-Lopez; N Bilbao- Aldaiturriaga; A Gutierrez-Camino; I Martín-Guerrero. LncRNA-en adierazpen aldakorak haurren leuzemia linfoblastiko akutuan dituen inplikazioak. Ekaia. 2022. ISSN 0214-9001

Type of production: Popular science article

Format: Journal

Position of signature: 3

Total no. authors: 6

- 54** B Frutos-Gallastegui; E Lopez-Lopez; U Illarregi; N Bilbao- Aldaiturriaga; M García-Ariza; a Gutierrez-Camino; I Martín-Guerrero. Meduloblastoma pediatrikoaren pronostikorako markatzaile molekularren identifikazioa. Ekaia. 2021. ISSN 0214-9001

Type of production: Popular science article

Format: Journal

Position of signature: 2

Total no. authors: 7

- 55** N Bilbao-Aldaiturriaga; A Gutierrez-Camino; I Martín-Guerrero; M Pombar-Gomez; E Lopez-Lopez; A Garcia-Orad. miRNAen prozesamendu geneen aldakortasuna genetikoa OSn. Ikergazte. UEU, 2015. ISBN 978-84-8438-539-4

Type of production: Popular science article

Format: Journal

Position of signature: 6

Total no. authors: 6

- 56** N Bilbao-Aldaiturriaga; I Martín-Guerrero; A Gutierrez-Camino; E Lopez-Lopez; A Garcia-Orad. Polimorfismo genetikoaren analisen meta-analisen erabilgarritasunaren analisi kritikoa. Ekaia. 2014. ISSN 0214-9001

Type of production: Popular science article

Format: Journal

Position of signature: 4

Total no. authors: 5

- 57** E Lopez-Lopez; A Garcia-Orad. Nuevos marcadores genéticos para la personalización del tratamiento en Leucemia Linfoblástica Aguda infantil. Euskonews. 655, pp. 23 - 30. 2013.

Type of production: Popular science article

Format: Journal

Position of signature: 1

Total no. authors: 2

- 58** U. Illarregui; ...; E. Lopez-Lopez. MicroRNA-based therapeutic strategies for cancer. MicroRNA: From Bench to Bedside. pp. 503 - 520. Elsevier, 2022.

Type of production: Book chapter

Format: Book

Position of signature: 4

Total no. authors: 4

Corresponding author: Yes

- 59** E. Lopez-Lopez; N. Bilbao; A. Garcia-Orad. Pharmacogenetics update on MTHFR and methotrexate toxicity. Methotrexate: Pharmacology, Clinical Uses and Adverse Effects. pp. 83 - 105. 2012.
Type of production: Book chapter **Format:** Book
Position of signature: 1
Total no. authors: 3

- 60** Genetics and Epigenetics in Complex Diseases. MDPI, ISBN 978-3-0365-7857-6
DOI: 10.3390/books978-3-0365-7856-9
Type of production: Scientific book or monograph
Position of signature: 1
Total no. authors: 1 **Corresponding author:** Yes

Works submitted to national or international conferences

- 1** **Title of the work:** FIRMA PRONÓSTICA DE EXPRESIÓN DE LNCRNAS EN LEUCEMIA LINFOBLÁSTICA AGUDA PEDIÁTRICA: RNA-SEQ CON UNA PERSPECTIVA TRASLACIONAL
Name of the conference: XVI Congreso Nacional de la Sociedad Española de Hematología y Oncología Pediátricas.
Type of participation: Participatory - oral communication
City of event: Palma de Mallorca,
Date of event: 2024
U Illarregi; ...; E Lopez-Lopez.
- 2** **Title of the work:** Pediatric cancer predisposition syndromes (pCPS) in an acute lymphoblastic leukemia cohort with no familial cancer history.
Name of the conference: European Human Genetics Conference
Type of participation: 'Participatory - poster
City of event: Berlín,
Date of event: 2024
C Benegas; ...; E Lopez-Lopez; ...; A Escudero.
- 3** **Title of the work:** ncRNAs as biomarkers for pediatric medulloblastoma classification of novel Gr4 molecular subgroups
Name of the conference: European Human Genetics Conference
Type of participation: 'Participatory - poster
City of event: Berlín,
Date of event: 2024
I Martínez de Estibariz; ...; E Lopez-Lopez; ...; N Bilbao-Aldaiturriaga.
- 4** **Title of the work:** Comparative transcriptomic analysis of pediatric T-LBL and T-ALL: distinctive lncRNA expression profiles and possible implication in T-LBL pathogenesis
Name of the conference: ASEICA 40th ANNIVERSARY CONGRESS
Type of participation: 'Participatory - poster
City of event: A Coruña,
Date of event: 2023
U Illarregi; A Gutierrez; E Lopez-Lopez; ...
- 5** **Title of the work:** Complex Disease Precision Medicine Network
Name of the conference: VIII. Jornadas de investigación de la Facultad de Ciencia y Tecnología
Type of participation: 'Participatory - poster



City of event: Leioa,
Date of event: 2023
U Illarregi; ...; E Lopez-Lopez; I Martin-Guerrero.

- 6** **Title of the work:** Event free survival prediction using lncRNAs in pediatric B-cell Acute Lymphoblastic Leukemia.
Name of the conference: Molecular Analysis for Precision Oncology Congress
Type of participation: 'Participatory - poster
City of event: Paris,
Date of event: 2023
U Illarregi; ...; E Lopez-Lopez.
- 7** **Title of the work:** Deregulated lncRNAs in T-cell Lymphoblastic Lymphoma key Notch pathway
Name of the conference: EACR 2022
Type of participation: 'Participatory - poster
City of event: Sevilla,
Date of event: 2022
U Illarregi; ...; E Lopez-Lopez; ...
- 8** **Title of the work:** Long non-coding RNAs as outcome predictors in pediatric Acute Lymphoblastic Leukemia
Name of the conference: EACR 2022
Type of participation: Participatory - oral communication
City of event: Sevilla,
Date of event: 2022
U Illarregi; ...; E Lopez-Lopez.
- 9** **Title of the work:** NEW PROGNOSTIC BIOMARKERS IN ACUTE LYMPHOBLASTIC LEUKEMIA: LONG NON-CODING RNAs
Name of the conference: 54th Congress of the International Society of Paediatric Oncology (SIOP)
Type of participation: Participatory - oral communication
City of event: Barcelona,
Date of event: 2022
U Illarregi; ...; E Lopez-Lopez.
- 10** **Title of the work:** 4Deregulation of Long Non-Coding RNAs in Childhood Acute Lymphoblastic Leukemia.
Name of the conference: 53rd Congress of the International Society of Paediatric Oncology (SIOP)
Type of participation: 'Participatory - poster
City of event: Virtual,
Date of event: 2021
J Telleria; U Illarregi; A Gutierrez-Camino; I Astigarraga; M Ramirez; M Camos; N Bilbao-Aldaiturriaga; E Lopez-Lopez; I Martin-Guerrero.
- 11** **Title of the work:** A Meta-Analysis of Hypersensitivity to Pegylated Escherichia coli Asparaginase Used As First-Line Treatment in Contemporary Pediatric Acute Lymphoblastic Leukemia Protocols
Name of the conference: 63rd ASH Annual Meeting
Type of participation: 'Participatory - poster
City of event: Atlanta,
Date of event: 2021
L Brighita; M Fiocco; R Pieters; BK Albertsen; G Escherich; E Lopez-Lopez; V Mondelaers; A Vora; LM Vrooman; K Schmiegelow; IM Van Der Sluis.

- 12** **Title of the work:** Circrna Involvement in Childhood Acute Lymphoblastic Leukemia.
Name of the conference: 53rd Congress of the International Society of Paediatric Oncology (SIOP)
Type of participation: 'Participatory - poster
City of event: Virtual,
Date of event: 2021
A Gutierrez-Camino; M Caron; C Richer; C Fuchs; E Lopez-Lopez; I Astigarraga; I Martin-Guerrero; A Bataille; D Sinnett.
- 13** **Title of the work:** Detection of fusion genes by rna-seq in pediatric acute lymphoblastic leukemia.
Name of the conference: XLII Congreso de la Sociedad Española de Genética
Type of participation: Participatory - oral communication
City of event: Virtual,
Date of event: 2021
U Illarregi; E Lopez-Lopez; ...; I Martin_Guerrero.
- 14** **Title of the work:** Somatic mutations and their clinical implication in a series of Spanish DLBCL patients.
Name of the conference: 20th Meeting of the European Association for Haematopathology
Type of participation: 'Participatory - poster
City of event: Virtual,
Date of event: 2021
U Illarregi; ...; E Lopez-Lopez; I Martin-Guerrero.
- 15** **Title of the work:** microRNAs as prognostic biomarkers in DLBCL.
Name of the conference: 20th Meeting of the European Association for Haematopathology
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Virtual,
Date of event: 2021
A Larrabeiti-Etxebarria; ...; E Lopez-Lopez.
- 16** **Title of the work:** Characterization of circRNA profiles in childhood acute lymphoblastic leukemia.
Name of the conference: European Human Genetics Virtual Conference
Type of participation: Participatory - oral communication
Date of event: 2020
A Gutierrez-Camino; M Caron; C Richer; E Lopez Lopez; et al.
- 17** **Title of the work:** Micrnas como biomarcadores pronósticos en linfoma b difuso de células grandes
Name of the conference: LXII Congreso Nacional de la SEHH y XXXVI Congreso nacional de la SETH
Type of participation: 'Participatory - poster
City of event: Virtual,
Date of event: 2020
A Larrabeiti-Etxebarria; ...; E Lopez-Lopez.
- 18** **Title of the work:** Mutaciones somáticas y su implicación clínica en pacientes con linfoma b difuso de células grandes
Name of the conference: LXII Congreso Nacional de la SEHH y XXXVI Congreso nacional de la SETH
Type of participation: 'Participatory - poster
City of event: Virtual,
Date of event: 2020
U Illarregi; ...; E Lopez-Lopez; I Martin-Guerrero.



- 19** **Title of the work:** SNPs in the vincristine pathway as predictive markers of outcome in pediatric acute lymphoblastic leukemia.
Name of the conference: 52nd Congress of the International Society of Paediatric Oncology (SIOP)
Type of participation: 'Participatory - poster
City of event: Virtual,
Date of event: 2020
I Seoane; A Gutierrez-Camino; JJ Uriz-Monaut; A Sastre; R Lopez-Almaraz; I Astigarraga; I Martin-Guerrero; E Lopez-Lopez.
- 20** **Title of the work:** Factores genéticos que predisponen al desarrollo de leucemia aguda linfoblástica en edad pediátrica
Name of the conference: XII Congreso de la Sociedad Española de Hematología y Oncología Pediátricas
Type of participation: Participatory - oral communication
City of event: Jerez de la Frontera, Spain
Date of event: 2019
MP Casares Alaez; B Ruz Caracuel; E Lopez Lopez; et al.
- 21** **Title of the work:** MiRNA-pharmacogenomics for the prediction of outcome in pediatric acute lymphoblastic leukemia
Name of the conference: 5th ESPT Congress on Precision Medicine and Personalised Health
Type of participation: 'Participatory - poster
City of event: Sevilla, Spain
Date of event: 2019
A Gutierrez-Camino; A Artetxe; B Santos-Zorrozuza; I Martin-Guerrero; N Garcia de Andoin; A Sastre; I Astigarraga; A Garcia-Orad; E Lopez-Lopez.
- 22** **Title of the work:** MiRNA-related SNPs as predictive markers of outcome in pediatric acute lymphoblastic leukemia
Name of the conference: 51st Congress of the International Society of Paediatric Oncology (SIOP)
Type of participation: 'Participatory - poster
City of event: Lyon, France
Date of event: 2019
A Gutierrez-Camino; A Artetxe; B Santos-Zorrozuza; I Martin-Guerrero; N Garcia de Andoin; A Sastre; I Astigarraga; A Garcia-Orad; E Lopez-Lopez.
- 23** **Title of the work:** SNPS en miRNAs como marcadores predictivos de respuesta en leucemia linfoblástica aguda pediátrica
Name of the conference: XII Congreso de la Sociedad Española de Hematología y Oncología Pediátricas
Type of participation: 'Participatory - poster
Corresponding author: Yes
City of event: Jerez de la Frontera, Spain
Date of event: 2019
A Gutierrez-Camino; A Artetxe Zurutuza; J de Pedro Olabarri; I Martin Guerrero; E Lopez Lopez.
- 24** **Title of the work:** A systematic review of mirnas as a new tool for the diagnosis of pediatric medulloblastoma.
Name of the conference: 50th Congress of the International Society of Paediatric Oncology (SIOP)
Type of participation: 'Participatory - poster
City of event: Hong-Kong, China
Date of event: 2018
N Berastegui-Zufiaurre; M Garcia-Ariza; E Lopez-Lopez; et al.



- 25** **Title of the work:** Evaluation of the role of micrnas for prognosis in pediatric medulloblastoma: a systematic review.
Name of the conference: 50th Congress of the International Society of Paediatric Oncology (SIOP)
Type of participation: 'Participatory - poster
City of event: Hong-Kong, China
Date of event: 2018
M Garcia-Ariza; E Lopez-Lopez; et al.
- 26** **Title of the work:** Involvement of miRNA polymorphisms in hepatotoxicity development in childhood acute lymphoblastic leukemia.
Name of the conference: 11th Biennial Childhood Leukemia and Lymphoma Symposium.
Type of participation: 'Participatory - poster
City of event: Helsinki, Finland
Date of event: 2018
M Umerez; A Gutierrez-Camino; E Lopez-Lopez; et al.
- 27** **Title of the work:** Involvement of mirna polymorphisms in treatment-related liver toxicity in childhood acute lymphoblastic leukemia.
Name of the conference: 50th Congress of the International Society of Paediatric Oncology (SIOP)
Type of participation: 'Participatory - poster
City of event: Hong-Kong, China
Date of event: 2018
M Umerez; A Gutierrez-Camino; B Santos-Zorroza; I Martin-Guerrero; E Lopez-Lopez; et al.
- 28** **Title of the work:** MiRNA polymorphism as predictive markers of mucositis in pediatric acute lymphoblastic leukemia treatment.
Name of the conference: 50th Congress of the International Society of Paediatric Oncology (SIOP)
Type of participation: 'Participatory - poster
City of event: Hong-Kong, China
Date of event: 2018
A Gutierrez-Camino; M Umerez; E Lopez-Lopez; et al.
- 29** **Title of the work:** MicroRNAs as a new tool for diagnosis, classification and prognosis in pediatric acute lymphoblastic leukemia: a systematic review.
Name of the conference: 50th Congress of the International Society of Paediatric Oncology (SIOP)
Type of participation: 'Participatory - poster
City of event: Hong-Kong, China
Date of event: 2018
A Gutierrez-Camino; S Garcia-Obregon; E Lopez-Lopez; et al.
- 30** **Title of the work:** MicroRNAs implicados en la leucemia linfoblástica aguda infantil: una revisión sistemática.
Name of the conference: XI Congreso de la Sociedad Española de Hematología y Oncología Pediátricas
Type of participation: 'Participatory - poster
City of event: Alicante, Spain
Date of event: 2018
A Gutierrez-Camino; S Garcia-Obregon; E Lopez-Lopez; et al.
- 31** **Title of the work:** Systematic review of microRNAs involved in acute lymphoblastic leukemia.
Name of the conference: 11th Biennial Childhood Leukemia and Lymphoma Symposium.
Type of participation: 'Participatory - poster



City of event: Helsinki, Finland

Date of event: 2018

A Gutierrez-Camino; S Garcia-Obregon; E Lopez-Lopez; et al.

- 32** **Title of the work:** Utilidad de los microRNAs en el diagnóstico del meduloblastoma pediátrico.
Name of the conference: XI Congreso de la Sociedad Española de Hematología y Oncología Pediátricas
Type of participation: 'Participatory - poster
City of event: Alicante, Spain
Date of event: 2018
N Berastegui-Zufiaurre; M Garcia-Ariza; E Lopez-Lopez; et al.
- 33** **Title of the work:** Valoración de la utilidad de los microRNAs en el pronóstico del meduloblastoma pediátrico.
Name of the conference: XI Congreso de la Sociedad Española de Hematología y Oncología Pediátricas
Type of participation: 'Participatory - poster
City of event: Alicante, Spain
Date of event: 2018
M Garcia-Ariza; E Lopez-Lopez; et al.
- 34** **Title of the work:** rs2648841 in miR-1208 is involved in hepatotoxicity during consolidation in childhood acute lymphoblastic leukemia treatment.
Name of the conference: European Human Genetics Conference (ESGH)
Type of participation: 'Participatory - poster
City of event: Milan, Italy
Date of event: 2018
A Gutierrez-Camino; M Umerez; B Santos; I Martín-Guerrero; E Lopez-Lopez; et al.
- 35** **Title of the work:** ABCC2 variants involved in vincristine-related neurotoxicity during induction phase in acute lymphoblastic leukemia treatment. .
Name of the conference: 10th Biennial Childhood Leukemia Symposium
Type of participation: 'Participatory - poster
City of event: Athenas, Greece
Date of event: 2016
A. Echebarria-Barona; E Lopez-Lopez; et al.
- 36** **Title of the work:** CNOT1 and miR-1206 microRNA variants are associated with Methotrexate-induced toxicity in pediatric Acute Lymphoblastic Leukemia.
Name of the conference: 10th Biennial Childhood Leukemia Symposium.
Type of participation: Participatory - oral communication
City of event: Athenas, Greece
Date of event: 2016
A Gutierrez-Camino; N Oosterom; MA Den Hoed; E Lopez-Lopez; et al.
- 37** **Title of the work:** Involvement of microRNA variants in methotrexate clearance in acute lymphoblastic leukemia treatment. .
Name of the conference: 10th Biennial Childhood Leukemia Symposium
Type of participation: 'Participatory - poster
City of event: Athenas, Greece
Date of event: 2016
M Umerez; L Iparraguirre; I Martin-Guerrero; E. Lopez-Lopez; et al.

- 38** **Title of the work:** Mir-1206 micro-RNA variant is associated with methotrexate-induced mucositis in pediatric acute lymphoblastic leukemia.
Name of the conference: 48th Congress of the International Society of Paediatric Oncology (SIOP)
Type of participation: 'Participatory - poster
City of event: Dublin, Ireland
Date of event: 2016
N Oosterom; A Gutierrez-Camino; MA den Hoed; E Lopez-Lopez; et al.
- 39** **Title of the work:** ABCC2: nuevos marcadores de neurotoxicidad de la vincristina en la leucemia linfoblástica aguda infantil.
Name of the conference: XXVIII Congreso Nacional de Genética Humana AEGH.
Type of participation: 'Participatory - poster
City of event: Palma de Mallorca, Spain
Date of event: 2015
E Lopez-Lopez; et al.
- 40** **Title of the work:** Genetic variants in vincristine pathway and neurotoxicity in childhood acute lymphoblastic leukemia.
Name of the conference: III Conference of European Society of Pharmacogenomics and Personalised Therapy.
Type of participation: 'Participatory - poster
City of event: Budapest, Hungary
Date of event: 2015
A Gutierrez-Camino; A Echebarria-Barona; E Lopez-Lopez; et al.
- 41** **Title of the work:** MIRNAs como nuevos marcadores de la susceptibilidad del osteosarcoma.
Name of the conference: XXVIII Congreso Nacional de Genética Humana AEGH.
Type of participation: 'Participatory - poster
City of event: Palma de Mallorca, Spain
Date of event: 2015
N Bilbao-Aldaiturriaga; M Pombar-Gomez; A Gutierrez-Camino; E Lopez-Lopez; et al.
- 42** **Title of the work:** Polymorphisms and vincristine toxicity in pediatric acute lymphoblastic leukemia.
Name of the conference: 47th Congress of the International Society of Paediatric Oncology (SIOP)
Type of participation: 'Participatory - poster
City of event: Cape Town, South African Republic
Date of event: 2015
A Gutierrez-Camino; I Martin-Guerrero; E Lopez-Lopez; et al.
- 43** **Title of the work:** Polymorphisms in microRNAs could affect MTX clearance in childhood acute lymphoblastic leukemia.
Name of the conference: 47th Congress of the International Society of Paediatric Oncology (SIOP)
Type of participation: 'Participatory - poster
City of event: Cape Town, South African Republic
Date of event: 2015
M Umerez; L Iparraguirre; A Gutierrez-Camino; I Martin-Guerrero; E Lopez-Lopez; et al.
- 44** **Title of the work:** Variantes genéticas en pre-microRNAs están asociadas con el riesgo a desarrollar Leucemia Linfática Crónica.
Name of the conference: XXVIII Congreso Nacional de Genética Humana AEGH.
Type of participation: 'Participatory - poster



City of event: Palma de Mallorca, Spain

Date of event: 2015

M Pombar-Gomez; A Gutierrez-Camino; N Bilbao-Aldaiturriaga; E Lopez-Lopez; et al.

- 45 Title of the work:** Variantes genéticas en la ruta de la vincristina y neurotoxicidad en Leucemia Linfoblástica Aguda infantil.

Name of the conference: VII Congreso de la Sociedad Española de Farmacogenética y Farmacogenómica.

Type of participation: Participatory - oral communication

City of event: Madrid, Spain

Date of event: 2015

A Gutierrez-Camino; A Echebarria-Barona; E Lopez-Lopez; et al.

- 46 Title of the work:** Variations in microRNAs could be useful markers of mtX clearance in childhood acute lymphoblastic leukemia.

Name of the conference: III Conference of European Society of Pharmacogenomics and Personalised Therapy.

Type of participation: 'Participatory - poster

City of event: Budapest, Hungary

Date of event: 2015

L Iparraguirre; A Gutierrez-Camino; I Martín-Guerrero; E Lopez-Lopez; et al; M Umerez.

- 47 Title of the work:** mir612 y mir3166 en el riesgo a desarrollar leucemia linfoblástica aguda infantil. .

Name of the conference: XXVIII Congreso Nacional de Genética Humana AEGH

Type of participation: 'Participatory - poster

City of event: Palma de Mallorca, Spain

Date of event: 2015

A Gutierrez-Camino; I Martín-Guerrero; E Lopez-Lopez; et al.

- 48 Title of the work:** Genetic and metabolic determinants of methotrexate induced mucositis in pediatric acute lymphoblastic leukemia.

Name of the conference: 46th Congress of the International Society of Paediatric Oncology (SIOP).

Type of participation: Participatory - oral communication

City of event: Toronto, Canada

Date of event: 2014

M Den Hoed; E Lopez-Lopez; et al.

- 49 Title of the work:** Genetic variation in MTX induced mucositis in pediatric acute lymphoblastic leukemia, a prospective study.

Name of the conference: 9th Biennial Childhood Leukemia Symposium.

Type of participation: 'Participatory - poster

City of event: Praga, Czech Republic

Date of event: 2014

M Den Hoed; E Lopez-Lopez; et al.

- 50 Title of the work:** New susceptibility markers in pediatric acute lymphoblastic leukemia: non coding RNAs.

Name of the conference: 46th Congress of the International Society of Paediatric Oncology (SIOP).

Type of participation: 'Participatory - poster

City of event: Toronto, Canada

Date of event: 2014

A Gutierrez-Camino; E Lopez-Lopez; et al.



- 51** **Title of the work:** Non coding RNAs as new markers of susceptibility to osteosarcoma.
Name of the conference: 46th Congress of the International Society of Paediatric Oncology (SIOP).
Type of participation: 'Participatory - poster
City of event: Toronto, Canada
Date of event: 2014
N Bilbao-Aldaiturriaga; I Martín-Guerrero; E López-López; et al.
- 52** **Title of the work:** Non-coding RNAs-related polymorphisms in pediatric acute lymphoblastic leukemia susceptibility
Name of the conference: 9th Biennial Childhood Leukemia Symposium.
Type of participation: 'Participatory - poster
City of event: Praga, Czech Republic
Date of event: 2014
A Gutiérrez-Camino; E López-López; et al.
- 53** **Title of the work:** Non-coding RNAs: a new field in the pharmacogenetics of pediatric acute lymphoblastic leukemia.
Name of the conference: 46th Congress of the International Society of Paediatric Oncology (SIOP).
Type of participation: 'Participatory - poster
City of event: Toronto, Canada
Date of event: 2014
E López-López; et al.
- 54** **Title of the work:** Pharmacogenetics of Micrnas and Micrnas Biogenesis Machinery in Pediatric Acute Lymphoblastic Leukemia.
Name of the conference: 9th Biennial Childhood Leukemia Symposium.
Type of participation: 'Participatory - poster
City of event: Praga, Czech Republic
Date of event: 2014
E López-López; et al.
- 55** **Title of the work:** RNAs no codificantes: un nuevo campo en la farmacogenética de la leucemia linfoblástica aguda infantil.
Name of the conference: VII Congreso de la Sociedad Española de Hematología y Oncología (SEHOP)
Type of participation: Participatory - oral communication
City of event: Las Palmas de Gran Canaria, Spain
Date of event: 2014
E López-López; et al.
- 56** **Title of the work:** Actualización de marcadores genéticos de agranulocitosis inducida por clozapina.
Name of the conference: VI Congreso de la Sociedad Española de Farmacogenética y Farmacogenómica.
Type of participation: 'Participatory - poster
City of event: Bilbao, Spain
Date of event: 2013
A Hernández; Z Askaiturrieta; E López-López.
- 57** **Title of the work:** Actualización en la farmacogenética de la vincristina.
Name of the conference: VI Congreso de la Sociedad Española de Farmacogenética y Farmacogenómica.
Type of participation: 'Participatory - poster
City of event: Bilbao, Spain



Date of event: 2013

Z Askaiturrieta; E Lopez-Lopez.

- 58 Title of the work:** Errores en la interpretación de alteraciones en el número de copias por el uso de las bases de datos como control normal. Ejemplo: leucemia linfoblástica aguda infantil. VII Congreso Nacional del Laboratorio Clínico

Name of the conference: VII Congreso Nacional del Laboratorio Clínico

Type of participation: 'Participatory - poster

City of event: Bilbao, Spain

Date of event: 2013

N Bastida Lertxundi; E Lopez-Lopez.

- 59 Title of the work:** Improvement of risk characterization with cryptic duplications and deletions in childhood acute lymphoblastic leukemia.

Name of the conference: 9th European Cytogenetics Conference.

Type of participation: 'Participatory - poster

City of event: Dublin, Ireland

Date of event: 2013

E Lopez-Lopez; et al.

- 60 Title of the work:** MiRNA related polymorphisms as susceptibility markers of childhood Acute Lymphoblastic Leukemia.)

Name of the conference: European Human Genetics Conference (ESGH)

Type of participation: 'Participatory - poster

City of event: Paris, France

Date of event: 2013

A Gutierrez-Camino; E Lopez-lopez; et al.

- 61 Title of the work:** MicroRNA-related SNPs and toxicity in pediatric Acute Lymphoblastic Leukemia.

Name of the conference: 2nd Conference: Pharmacogenomics: From Cell to Clinic.

Type of participation: 'Participatory - poster

City of event: Lisbon, Portugal

Date of event: 2013

E Lopez-Lopez; et al.

- 62 Title of the work:** MicroRNA-related SNPs as toxicity markers in pediatric Acute Lymphoblastic Leukemia.

Name of the conference: 14th International Congress of ASEICA.

Type of participation: 'Participatory - poster

City of event: Madrid, Spain

Date of event: 2013

E Lopez-Lopez; et al.

- 63 Title of the work:** MicroRNA-related polymorphisms: new susceptibility markers in pediatric acute lymphoblastic acute leukemia.

Name of the conference: 14th International Congress of ASEICA.

Type of participation: 'Participatory - poster

City of event: Madrid, Spain

Date of event: 2013

A Gutierrez-Camino; E Lopez-Lopez; et al.



- 64** **Title of the work:** Neurotoxicity markers in pediatric acute lymphoblastic leukemia: SNPs in the vincristine pathway.
Name of the conference: 14th International Congress of ASEICA.
Type of participation: 'Participatory - poster
City of event: Madrid, Spain
Date of event: 2013
E Lopez-Lopez; et al.
- 65** **Title of the work:** New Osteosarcoma susceptibility markers: microRNA-related SNPs.
Name of the conference: 14th International Congress of ASEICA.
Type of participation: 'Participatory - poster
City of event: Madrid, Spain
Date of event: 2013
N Bilbao-Aldaiturriaga; E Lopez-Lopez; et al.
- 66** **Title of the work:** New genetic markers for risk groups characterization in childhood acute lymphoblastic leukemia.
Name of the conference: 14th International Congress of ASEICA.
Type of participation: 'Participatory - poster
City of event: Madrid, Spain
Date of event: 2013
E Lopez-Lopez; et al.
- 67** **Title of the work:** New genetic markers for vincristine toxicity in childhood Acute Lymphoblastic Leukemia.
Name of the conference: 2nd Conference: Pharmacogenomics: From Cell to Clinic.
Type of participation: 'Participatory - poster
City of event: Lisbon, Portugal
Date of event: 2013
E Lopez-Lopez; et al.
- 68** **Title of the work:** New markers of susceptibility to Osteosarcoma: microRNAs.
Name of the conference: 45th Congress of the International Society of Paediatric Oncology (SIOP).
Type of participation: 'Participatory - poster
City of event: Hong Kong, China
Date of event: 2013
N Bilbao-Aldaiturriaga; E Lopez-Lopez; et al.
- 69** **Title of the work:** New markers of susceptibility to Osteosarcoma: microRNAs.
Name of the conference: European Human Genetics Conference (ESGH)
Type of participation: 'Participatory - poster
City of event: Paris, France
Date of event: 2013
N Bilbao-Aldaiturriaga; E Lopez-Lopez; et al.
- 70** **Title of the work:** New susceptibility markers of childhood acute lymphoblastic leukemia: microRNA-related polymorphisms.
Name of the conference: 45th Congress of the International Society of Paediatric Oncology (SIOP).
Type of participation: 'Participatory - poster
City of event: Hong Kong, China
Date of event: 2013
A Gutierrez-Camino; E Lopez-Lopez; et al.



- 71** **Title of the work:** Pharmacogenetics of MicroRNAs in osteosarcoma
Name of the conference: 45th Congress of the International Society of Paediatric Oncology (SIOP).
Type of participation: Participatory - oral communication
City of event: Hong Kong, China
Date of event: 2013
N Bilbao-Aldaiturriaga; E Lopez-Lopez; et al.
- 72** **Title of the work:** Pharmacogenetics of microRNAs and microRNAs biogenesis machinery in pediatric Acute Lymphoblastic Leukemia.
Name of the conference: VI Congreso de la Sociedad Española de Farmacogenética y Farmacogenómica.
Type of participation: Participatory - oral communication
City of event: Bilbao, Spain
Date of event: 2013
E Lopez-Lopez; et al.
- 73** **Title of the work:** Pharmacogenetics of microRNAs in Osteosarcoma.
Name of the conference: 2nd Conference: Pharmacogenomics: From Cell to Clinic.
Type of participation: 'Participatory - poster
City of event: Lisbon, Portugal
Date of event: 2013
N Bilbao-Aldaiturriaga; E Lopez-Lopez; et al.
- 74** **Title of the work:** Pharmacogenetics of vincristine in childhood Acute Lymphoblastic Leukemia.
Name of the conference: VI Congreso de la Sociedad Española de Farmacogenética y Farmacogenómica.
Type of participation: 'Participatory - poster
City of event: Bilbao, Spain
Date of event: 2013
E Lopez-Lopez; et al.
- 75** **Title of the work:** Polymorphisms in genes involved in the miRNAs biogenesis and pre-miRNAs affect the risk to develop CLL.
Name of the conference: 14th International Congress of ASEICA.
Type of participation: 'Participatory - poster
City of event: Madrid, Spain
Date of event: 2013
I Martín-Guerrero; A Gutierrez-Camino; E Lopez-Lopez; et al.
- 76** **Title of the work:** Polymorphisms in genes of the vincristine pathway as neurotoxicity markers in pediatric acute lymphoblastic leukemia.
Name of the conference: 45th Congress of the International Society of Paediatric Oncology (SIOP).
Type of participation: 'Participatory - poster
City of event: Hong Kong, China
Date of event: 2013
E Lopez-Lopez; et al.
- 77** **Title of the work:** Puesta al día de la implicación de las variaciones en los genes SLC22A6 y SLC22A8 en la toxicidad de fármacos.
Name of the conference: VI Congreso de la Sociedad Española de Farmacogenética y Farmacogenómica.
Type of participation: 'Participatory - poster
City of event: Bilbao, Spain



Date of event: 2013

N Bilbao-Aldaiturriaga; E Lopez-Lopez.

- 78** **Title of the work:** Cryptic Duplications and Deletions to improve risk groups in childhood acute lymphoblastic leukemia
Name of the conference: III Encuentro Científico de Jóvenes Investigadores de la RTICC
Type of participation: Participatory - oral communication
City of event: Barcelona, Spain
Date of event: 2012
E Lopez-Lopez; et al.
- 79** **Title of the work:** Genetic variants in miRNAs: New predictive markers in the origin of pediatric acute lymphoblastic leukemia.
Name of the conference: III Encuentro Científico de Jóvenes Investigadores de la RTICC.
Type of participation: 'Participatory - poster
City of event: Barcelona, Spain
Date of event: 2012
A Gutierrez-Camino; E Lopez-Lopez; et al.
- 80** **Title of the work:** Improvement in risk groups classification in childhood acute lymphoblastic leukemia: cryptic duplications and deletions.
Name of the conference: 44th Congress of the International Society of Paediatric Oncology.
Type of participation: 'Participatory - poster
City of event: London, United Kingdom
Date of event: 2012
E Lopez-Lopez; et al.
- 81** **Title of the work:** Mejora en la clasificación de grupos de riesgo en leucemia linfoblástica aguda infantil: duplicaciones y deleciones crípticas.
Name of the conference: V Congreso de la Sociedad Española de Hematología y Oncología Pediátricas
Type of participation: 'Participatory - poster
City of event: Pamplona, Spain
Date of event: 2012
E Lopez-Lopez; et al.
- 82** **Title of the work:** Micrornas as potencial markers of toxicity in childhood acute lymphoblastic leukemia.
Name of the conference: 44th Congress of the International Society of Paediatric Oncology.
Type of participation: 'Participatory - poster
City of event: London, United Kingdom
Date of event: 2012
E Lopez-Lopez; et al.
- 83** **Title of the work:** Micrornas como posibles marcadores de toxicidad en leucemia linfática aguda infantil. .
Name of the conference: V Congreso de la Sociedad Española de Hematología y Oncología Pediátricas
Type of participation: 'Participatory - poster
City of event: Pamplona, Spain
Date of event: 2012
E Lopez-lopez; et al.

- 84** **Title of the work:** Genes de transporte de metotrexato como nuevos marcadores de toxicidad en Leucemia Linfoblástica Aguda infantil.
Name of the conference: IV Congreso nacional de la Sociedad Española de Hematología y Oncología pediátrica
Type of participation: Participatory - oral communication
City of event: Valencia, Spain
Date of event: 2011
E Lopez-Lopez; et al.
- 85** **Title of the work:** Genetic variations in methotrexate transport pathway: A new tool for toxicity prevention in pediatric acute lymphoblastic leukemia.
Name of the conference: XIII Congreso de ASEICA
Type of participation: 'Participatory - poster
City of event: Salamanca, Spain
Date of event: 2011
E Lopez-Lopez; et al.
- 86** **Title of the work:** IRF4 polymorphisms and B-Cell Lymphomas risk.
Name of the conference: 22nd Meeting of the German Society of Human Genetics.
Type of participation: 'Participatory - poster
City of event: Regensburg, Germany
Date of event: 2011
I Martin-Guerrero; I Salaverria; E Lopez-Lopez; et al.
- 87** **Title of the work:** Los polimorfismos C677T y A1298C en MTHFR no son útiles como marcadores de toxicidad en Leucemia Linfoblástica Aguda infantil. .
Name of the conference: IV Congreso nacional de la Sociedad Española de Hematología y Oncología pediátrica
Type of participation: 'Participatory - poster
City of event: Valencia, Spain
Date of event: 2011
E Lopez-Lopez; et al.
- 88** **Title of the work:** Los polimorfismos C677T y A1298C en MTHFR no son útiles para predecir la toxicidad de dosis altas de metotrexato. .
Name of the conference: XXVI Congreso Nacional de Genética Humana
Type of participation: 'Participatory - poster
City of event: Murcia, Spain
Date of event: 2011
E Lopez-Lopez; et al.
- 89** **Title of the work:** MTHFR C677T and A1298C polymorphisms are not useful as toxicity predictors in childhood acute lymphoblastic leukaemia.
Name of the conference: 43rd Congress of the International Society of Paediatric Oncology
Type of participation: Participatory - oral communication
City of event: Auckland, New Zealand
Date of event: 2011
E Lopez-Lopez; et al.
- 90** **Title of the work:** MTHFR pharmacogenetics and methotrexate toxicity in childhood acute lymphoblastic leukemia.
Name of the conference: 16th ECCO-36th ESMO Multidisciplinary Cancer Congress



Type of participation: 'Participatory - poster

City of event: Stockholm, Sweden

Date of event: 2011

E Lopez-Lopez; et al.

91 Title of the work: Methotrexate transporter genes as new toxicity markers in childhood acute lymphoblastic leukemia.

Name of the conference: 43rd Congress of the International Society of Paediatric Oncology

Type of participation: 'Participatory - poster

City of event: Auckland, New Zealand

Date of event: 2011

E Lopez-Lopez; et al.

92 Title of the work: Nuevos marcadores de toxicidad en leucemia linfoblástica aguda infantil: ruta de transporte del metotrexato. .

Name of the conference: V Congreso de la Sociedad Española de Farmacogenética y Farmacogenómica

Type of participation: Participatory - oral communication

City of event: Pamplona, Spain

Date of event: 2011

E Lopez-Lopez; et al.

93 Title of the work: Polimorfismos en el gen SLCO1B1: Nuevo marcador de toxicidad del metotrexato.

Name of the conference: XXVI Congreso Nacional de Genética Humana

Type of participation: 'Participatory - poster

City of event: Murcia, Spain

Date of event: 2011

E Lopez-Lopez; et al.

94 Title of the work: Polymorphisms in methotrexate transport pathway: a new tool for toxicity prevention in pediatric acute lymphoblastic leukemia.

Name of the conference: 16th ECCO-36th ESMO Multidisciplinary Cancer Congress

Type of participation: Participatory - oral communication

City of event: Stockholm, Sweden

Date of event: 2011

E Lopez-Lopez; et al.

95 Title of the work: Polymorphisms in microRNAs and MicroRNAs biogenesis machinery in risk, drug response and prognosis in pediatric Acute Lymphoblastic Leukemia.

Name of the conference: XIII Congreso de ASEICA

Type of participation: 'Participatory - poster

City of event: Salamanca, Spain

Date of event: 2011

E Lopez-Lopez; et al.

96 Title of the work: Revisión crítica del papel de MTHFR en la toxicidad de la leucemia linfoblástica aguda infantil.

Name of the conference: V Congreso de la Sociedad Española de Farmacogenética y Farmacogenómica

Type of participation: 'Participatory - poster

City of event: Pamplona, Spain

Date of event: 2011

E Lopez-lopez; et al.



- 97** **Title of the work:** Update on MTHFR pharmacogenetics and methotrexate toxicity in childhood acute lymphoblastic leukemia.
Name of the conference: XIII Congreso de ASEICA
Type of participation: 'Participatory - poster
City of event: Salamanca, Spain
Date of event: 2011
E Lopez-Lopez; et al.
- 98** **Title of the work:** Genetic and epigenetic variation and toxicity and/or outcome during therapy in childhood acute lymphoblastic leukemia. .
Name of the conference: 4th ESF Conference on Functional Genomics and Disease
Type of participation: 'Participatory - poster
City of event: Dresden, Germany
Date of event: 2010
E Lopez-Lopez; et al.
- 99** **Title of the work:** Genetic polymorphisms of MTHFR C677T and A1298C in the individualisation of the dose of methotrexate in childhood acute lymphoblastic leukaemia patients treated with LAL/SHOP protocol.
Name of the conference: 42nd Congress of the International Society of Paediatric Oncology.
Type of participation: 'Participatory - poster
City of event: Boston, United States of America
Date of event: 2010
E Lopez-Lopez; et al.
- 100** **Title of the work:** Genetic polymorphisms of TPMT in the individualisation of the dose of 6-mercaptopurine in childhood acute lymphoblastic leukaemia patients treated with LAL/SHOP protocol.
Name of the conference: 42nd Congress of the International Society of Paediatric Oncology.
Type of participation: 'Participatory - poster
City of event: Boston, United States of America
Date of event: 2010
E Lopez-Lopez; et al.
- 101** **Title of the work:** Pharmacogenetics and pharmacoeigenetics of childhood Acute Lymphoblastic Leukemia. .
Name of the conference: AACR Conference on Translational Cancer Medicine 2010 (Europe)
Type of participation: 'Participatory - poster
City of event: Amsterdam, Holland
Date of event: 2010
E Lopez-Lopez; et al.
- 102** **Title of the work:** Polymorphisms in SLCO1B1 gene: a new tool for MTX toxicity prevention. .
Name of the conference: Cancer Pharmacogenetics: personalizing medicine
Type of participation: Participatory - oral communication
City of event: Madrid, Spain
Date of event: 2010
E Lopez-Lopez; et al.
- 103** **Title of the work:** Polymorphisms of the SLCO1B1 gene predict methotrexate-related toxicity in childhood acute lymphoblastic leukemia.
Name of the conference: IV Congreso de la Sociedad Española de Farmacogenética y Farmacogenómica.



Type of participation: Participatory - oral communication

City of event: Pamplona, Spain

Date of event: 2010

E Lopez-Lopez; et al.

104 Title of the work: Polymorphisms of the SLCO1B1 gene predict methotrexate-related toxicity in childhood acute lymphoblastic leukemia. .

Name of the conference: II Encuentro Científico Jóvenes Investigadores de la RTICC

Type of participation: 'Participatory - poster

City of event: Madrid, Spain

Date of event: 2010

E Lopez-Lopez; et al.

105 Title of the work: Cooximetría, una buena herramienta para discriminar entre fumadores y no fumadores. .

Name of the conference: VIII Congreso Nacional de Prevención y Tratamiento del Tabaquismo

Type of participation: 'Participatory - poster

City of event: Cordoba, Spain

Date of event: 2009

C Cortijo; ...; E Lopez-Lopez; et al.

106 Title of the work: Correlation Between Genetic Polymorphisms And Toxicity And/Or Outcome During Therapy In Childhood Acute Lymphoblastic Leukemia. .

Name of the conference: XII National Congress ASEICA

Type of participation: 'Participatory - poster

City of event: Madrid, Spain

Date of event: 2009

E Lopez-Lopez; et al.

107 Title of the work: Leucemia Linfoblástica Aguda Infantil: Polimorfismos genéticos asociados con toxicidad o respuesta durante la terapia.

Name of the conference: I Encuentro Jóvenes Investigadores de la RTICC.

Type of participation: 'Participatory - poster

City of event: Salamanca, Spain

Date of event: 2009

E Lopez-Lopez; et al.

108 Title of the work: Genetic polymorphisms associated with adverse events in childhood acute lymphoblastic leukaemia treated with SHOP-2005 protocol.

Name of the conference: 20th EORTC-NCI-AACR symposium on "Molecular targets and Cancer Therapeutics".

Type of participation: 'Participatory - poster

City of event: Geneve, Switzerland

Date of event: 2008

E Lopez-Lopez; et al.

109 Title of the work: MTX pathway polymorphisms useful as predictors of toxicity and outcome in childhood acute lymphoblastic leukemia.

Name of the conference: IIIrd EuroEspes Annual Conference.

Type of participation: 'Participatory - poster

City of event: A Coruña, Spain

Date of event: 2008



E Lopez-Lopez; et al.

- 110 Title of the work:** Polimorfismos asociados con sucesos adversos en Leucemia Linfoblástica Aguda infantil.
Name of the conference: Congreso de la Sociedad Española Bioquímica y Biología Molecular.
Type of participation: 'Participatory - poster
City of event: Bilbao, Spain
Date of event: 2008
E Lopez-Lopez; et al.

Works submitted to national or international seminars, workshops and/or courses

Title of the work: Estudio de ncRNA en LLA
Name of the event: VI Reunión MALLA Manejo de la Leucemia Linfoblástica Aguda. Maridaje de la Clínica y el Laboratorio
Type of event: Workshop
Reasons for participation: Upon invitation
City of event: Madrid, Spain
Date of event: 2024
Organising entity: Laboratorios Servier
Type of entity: Business
Elixabet Lopez-Lopez.

Science Outreach activities

- 1 Title of the work:** Presentations at education centers
Name of the event: Semana de la ciencia
Type of event: Conferences given
City of event: Bilbao,
Date of event: 11/2024
Organising entity: Biobizkaia
- 2 Title of the work:** JORNADA CIENTÍFICA CON INVESTIGADORAS EMERGENTES BIOBIZKAIA
Name of the event: VIII Emakumeak zientzian
Type of event: Conferences given
City of event: Bilbao,
Date of event: 03/2024
Organising entity: Biobizkaia
- 3 Title of the work:** Presentations at education centers
Name of the event: CONOCELAS 2024
Type of event: Conferences given
City of event: Leioa,
Date of event: 03/2024
Organising entity: ASEICA
- 4 Title of the work:** Sciences stand
Name of the event: EHU Azoka
Type of event: Fairs and exhibitions
City of event: Bilbao,
Date of event: 2024



Organising entity: UPV/EHU

5 Title of the work: Presentations at education centers

Name of the event: CONOCELAS 2023

Type of event: Conferences given

City of event: Bilbao,

Date of event: 03/2023

Organising entity: ASEICA

6 Title of the work: Sciences stand

Name of the event: EHU Azoka

Type of event: Fairs and exhibitions

City of event: Bilbao,

Date of event: 2023

Organising entity: UPV/EHU

7 Title of the work: Sciences stand

Name of the event: EHU Azoka

Type of event: Fairs and exhibitions

City of event: Bilbao,

Date of event: 2022

Organising entity: UPV/EHU

8 Title of the work: Genetics

Name of the event: Science, Technology and Innovation Week

Type of event: Fairs and exhibitions

City of event: Bilbao, Spain

Date of event: 11/2010

Organising entity: Universidad del País Vasco

Type of entity: University

9 Title of the work: Institute for the treatment and investigation of the nicotine-dependence

Name of the event: Science, Technology and Innovation Week

Type of event: Fairs and exhibitions

City of event: Bilbao, Spain

Date of event: 11/2009

Organising entity: Universidad del País Vasco

Type of entity: University

10 Title of the work: Institute for the treatment and investigation of the nicotine-dependence

Name of the event: Science, Technology and Innovation Week

Type of event: Fairs and exhibitions

City of event: Bilbao, Spain

Date of event: 11/2008

Organising entity: Universidad del País Vasco

Type of entity: University

11 Title of the work: Nuevos marcadores podrían mejorar el tratamiento y la supervivencia de la leucemia linfoblástica aguda

Type of event: Media interviews

City of event: Leioa, Spain

Organising entity: Universidad del País Vasco

Type of entity: University



R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

- 1** **Committee title:** Elhuyar Azoka
Affiliation entity: FUNDACION ELHUYAR / ELHUYAR FUNDAZIOA
City affiliation entity: Spain
Start-End date: 2024 - 2024
- 2** **Committee title:** Pediatric Oncology Education (POE) Program
Affiliation entity: St Jude Children's Research Hospital
City affiliation entity: Memphis, United States of America
Start-End date: 2015 - 2015

Organization of R&D activities

- 1** **Title of the activity:** VI Congreso SEFF
Type of activity: Conference
City of event: Bilbao, Basque Country, Spain
Convening entity: Universidad del País Vasco
City convening entity: Basque Country, Spain
Type of participation: Organiser
Start-End date: 07/2013 - 07/2013
Type of entity: University
Duration: 2 days
- 2** **Title of the activity:** Meeting of the I-BFM-GV Task Force/COST Legend
Convening entity: Universidad del País Vasco
Type of entity: University
Start date: 02/2018

R&D management

Name of the activity: COST Legend
Type of management: Programme management
Performed tasks: Leader of Short Term Scientific Missions
Entity: European COST Actions
Start date: 01/01/2020

Evaluation and revision of R&D projects and articles

- 1** **Performed tasks:** Reviewer for BioReports
Type of activity: Review of articles in scientific or technological journals
- 2** **Performed tasks:** Reviewer for Bioscience Reports
Type of activity: Review of articles in scientific or technological journals



- 3** **Performed tasks:** Reviewer for Cancer Management and Research
Type of activity: Review of articles in scientific or technological journals
- 4** **Performed tasks:** Reviewer for Cancers
Type of activity: Review of articles in scientific or technological journals
- 5** **Performed tasks:** Reviewer for Egyptian Journal of Medical Human Genetics
Type of activity: Review of articles in scientific or technological journals
- 6** **Performed tasks:** Reviewer for European Journal of Pharmacology
Type of activity: Review of articles in scientific or technological journals
- 7** **Performed tasks:** Reviewer for Experimental and Molecular Pathology
Type of activity: Review of articles in scientific or technological journals
- 8** **Performed tasks:** Reviewer for Haematologica
Type of activity: Review of articles in scientific or technological journals
- 9** **Performed tasks:** Reviewer for Human Immunology
Type of activity: Review of articles in scientific or technological journals
- 10** **Performed tasks:** Reviewer for International Journal of Molecular Sciences
Type of activity: Review of articles in scientific or technological journals
- 11** **Performed tasks:** Reviewer for Journal of Pediatric Hematology and Oncology
Type of activity: Review of articles in scientific or technological journals
- 12** **Performed tasks:** Reviewer for Leukemia
Type of activity: Review of articles in scientific or technological journals
- 13** **Performed tasks:** Reviewer for Meta Gene
Type of activity: Review of articles in scientific or technological journals
- 14** **Performed tasks:** Reviewer for Neurochemical Research
Type of activity: Review of articles in scientific or technological journals
- 15** **Performed tasks:** Reviewer for Neurologia
Type of activity: Review of articles in scientific or technological journals
- 16** **Performed tasks:** Reviewer for Neuroscience
Type of activity: Review of articles in scientific or technological journals



- 17 Performed tasks:** Reviewer for Oncotargets and Therapy
Type of activity: Review of articles in scientific or technological journals
- 18 Performed tasks:** Reviewer for Pediatric Blood and Cancer
Type of activity: Review of articles in scientific or technological journals
- 19 Performed tasks:** Reviewer for Pediatric hematology and oncology
Type of activity: Review of articles in scientific or technological journals
- 20 Performed tasks:** Reviewer for Pharmacological Research
Type of activity: Review of articles in scientific or technological journals
- 21 Performed tasks:** Reviewer for Scientific Reports
Type of activity: Review of articles in scientific or technological journals
- 22 Performed tasks:** Reviewer for Translational Psychiatry
Type of activity: Review of articles in scientific or technological journals
- 23 Performed tasks:** Reviewer for Translational neurodegeneration
Type of activity: Review of articles in scientific or technological journals
- 24 Performed tasks:** Reviewer for Tumor Biology
Type of activity: Review of articles in scientific or technological journals
- 25 Performed tasks:** Reviewer for World Journal of Pediatrics
Type of activity: Review of articles in scientific or technological journals
- 26 Performed tasks:** Reviewer for World journal of surgical oncology
Type of activity: Review of articles in scientific or technological journals

Other achievements

Stays in public or private R&D centres

- 1 Entity:** St Jude Children's Research Hospital
City of entity: Memphis, United States of America
Start-End date: 23/01/2014 - 29/11/2016
Goals of the stay: Post-doctoral
Type of entity: Healthcare Institutions
- 2 Entity:** Erasmus MC
Faculty, institute or centre: Pediatric Oncology
City of entity: Rotterdam, Holland
Start-End date: 01/2012 - 04/2012
Goals of the stay: Doctorate
Type of entity: Healthcare Institutions



- 3** **Entity:** Hospital del Mar **Type of entity:** Healthcare Institutions
Faculty, institute or centre: Laboratory of Cytogenetics
City of entity: Barcelona, Spain
Start-End date: 06/2011 - 06/2011
Goals of the stay: Technical learning
- 4** **Entity:** Centro de Investigacion Medica Aplicada (CIMA)
Faculty, institute or centre: Genomic Unit
Start-End date: 05/2011 - 05/2011
Goals of the stay: Technical learning
- 5** **Entity:** CIC bioGUNE, Centro de Investigación Cooperativa en Biociencias **Type of entity:** Innovation and Technology Centres
Faculty, institute or centre: Laboratory of Cytogenetics
City of entity: Derio, Spain
Start-End date: 01/2009 - 01/2009
Goals of the stay: Technical learning
- 6** **Entity:** Hospital de Cruces **Type of entity:** Healthcare Institutions
Faculty, institute or centre: Laboratory of Cytogenetics
City of entity: Barakaldo, Spain
Start-End date: 11/2007 - 11/2007
Goals of the stay: Technical learning

Obtained grants and scholarships

- 1** **Name of the grant:** Postdoctoral fellowship
Aims: Post-doctoral
Awarding entity: Department of Education, Universities and Investigation of the Basque Government
Conferral date: 01/01/2014 **Duration:** 2 years
End date: 31/12/2015
Entity where activity was carried out: St Jude Children's Research Hospital (Memphis, USA)
- 2** **Name of the grant:** Fellowship for recent Doctors until their integration in postdoctoral programs
Aims: Post-doctoral
Awarding entity: Universidad del País Vasco **Type of entity:** University
Conferral date: 08/2012 **Duration:** 9 months
End date: 05/2013
Entity where activity was carried out: Universidad del País Vasco
- 3** **Name of the grant:** Predoctoral fellowship for the training of investigation personnel
Aims: Pre-doctoral
Awarding entity: Department of Education, Universities and Investigation of the Basque Government
Conferral date: 01/01/2008 **Duration:** 4 years
End date: 31/12/2011
Entity where activity was carried out: Universidad del País Vasco



- 4** **Name of the grant:** Introduction to the Investigation_Spanish Network of Cooperative Investigation in Cancer
Aims: Pre-doctoral
Awarding entity: Instituto de Salud Carlos III **Type of entity:** Public Research Body
Conferral date: 01/07/2007 **Duration:** 3 months
End date: 30/09/2007
Entity where activity was carried out: Universidad del País Vasco
- 5** **Name of the grant:** RTICC Short Stay grant
Aims: Pre-doctoral
Awarding entity: Instituto de Salud Carlos III **Type of entity:** Public Research Body
Conferral date: 12/2011 **Duration:** 3 months
Entity where activity was carried out: Erasmus MC (Rotterdam, Netherlands)
- 6** **Name of the grant:** RTICC Travel grant
Aims: attend the "XXVI Congreso Nacional de Genética Humana" in Murcia (Spain)
Awarding entity: Instituto de Salud Carlos III **Type of entity:** Public Research Body
Conferral date: 03/2011
- 7** **Name of the grant:** ESF grant
Aims: inscription in the "4th ESF Conference on Functional Genomics and Disease" in Dresden (Germany)
Awarding entity: European Science Foundation **Type of entity:** Foundation
Conferral date: 03/2010
- 8** **Name of the grant:** RTICC Travel grant
Aims: attend the "4th ESF Conference on Functional Genomics and Disease" in Dresden (Germany)
Awarding entity: Instituto de Salud Carlos III **Type of entity:** Public Research Body
Conferral date: 03/2010
- 9** **Name of the grant:** Matriculation grant by the RTICC
Aims: e-Oncology course "Metodologic basis in the investigation in Biomedicine: Epidemiologic and Bioestadistical tools". Institute of Oncology from Catalonia
Awarding entity: Instituto de Salud Carlos III **Type of entity:** Public Research Body
Conferral date: 2009
- 10** **Name of the grant:** RTICC Travel grant
Aims: attend the "Third EuroEspes Annual Conference" in A Coruña (Spain)
Awarding entity: Instituto de Salud Carlos III **Type of entity:** Public Research Body
Conferral date: 12/2008
- 11** **Name of the grant:** RTICC Travel grant
Aims: attend the 20th EORTC-NCI-AACR symposium on "Molecular targets and Cancer Therapeutics" in Geneva (Switzerland)
Awarding entity: Instituto de Salud Carlos III **Type of entity:** Public Research Body
Conferral date: 10/2008

Editorial councils

- 1 Name of the editorial council:** Associate Editor of Frontiers in Genetics
- 2 Name of the editorial council:** Guest Editor of International Journal of Medical Sciences

Prizes, mentions and distinctions

- 1 Description:** Mejor investigadora emergente 2022
Awarding entity: IIS Biobizkaia
City awarding entity: Bilbao
Conferral date: 15/12/2023
- 2 Description:** First ENLIGHT IMPACT AWARD. Precision Medicine Network in Complex Diseases research team
Awarding entity: ENLIGHT
City awarding entity: Bilbao, Spain
Conferral date: 2023
- 3 Description:** II Premios Fundación Merck Salud-ASEICA a las Vocaciones Científicas
Awarding entity: ASEICA-MERCK
City awarding entity: Madrid, Spain
Conferral date: 2023
- 4 Description:** Consolidated Research Group of Excellence
Awarding entity: OSI Ezkerraldea Enkarterri Cruces **Type of entity:** Foundation
City awarding entity: Barakaldo, Spain
Conferral date: 05/2018
- 5 Description:** Best oral communication.
Awarding entity: VI Congreso de la Sociedad Española de Farmacogenética y Farmacogenómica. **Type of entity:** Associations and Groups
City awarding entity: Bilbao, Spain
Conferral date: 07/2013
- 6 Description:** Best student poster presentation (supervisor).
Awarding entity: VI Congreso de la Sociedad Española de Farmacogenética y Farmacogenómica. **Type of entity:** Associations and Groups
City awarding entity: Bilbao, Spain
Conferral date: 07/2013
- 7 Description:** Best poster presentation
Awarding entity: IV Congreso nacional de la Sociedad Española de Hematología y Oncología pediátrica **Type of entity:** Associations and Groups



City awarding entity: Valencia

Conferral date: 05/2011

8 Description: Best poster presentation

Awarding entity: Illrd EuroEspes Annual Conference **Type of entity:** Foundation

City awarding entity: A Coruña, Spain

Conferral date: 12/2008

Obtained accreditations/recognitions

1 Description: Associate Professor in Sciences

Accrediting entity: Agencia Nacional de Evaluación de la Calidad y Acreditación **Type of entity:** Evaluation

Date of recognition: 02/2023

2 Description: Associate Professor in Experimental Sciences

Accrediting entity: Unibasq

Date of recognition: 19/05/2021

3 Description: Doctor Researcher in Experimental Sciences

Accrediting entity: Unibasq

Date of recognition: 27/05/2019

4 Description: Assistant Professor in Experimental Sciences

Accrediting entity: Unibasq

Date of recognition: 27/10/2014