



Gonzalo Blay Llinares

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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.

Doctor en Química por la Universidad de Valencia (1992), he desarrollado mi carrera investigadora y docente en dicha Universidad como Profesor Ayudante (1992-1996), Profesor Titular (1996-2012) y desde 2012 como Catedrático de Universidad.

Mi actividad investigadora se ha centrado en dos campos diferentes de la Síntesis Orgánica. Desde 1998 hasta principios de la década de 2000 mi investigación se dedicó fundamentalmente a la síntesis de productos naturales con actividad biológica potencial, principalmente lactonas sesquiterpénicas y compuestos relacionados. Desde entonces y hasta la fecha mi investigación ha evolucionado hacia aspectos más metodológicos relacionados con el desarrollo de procedimientos de Catálisis Asimétrica mediante catalizadores metálicos y organocatalizadores, campo en el que me encuentro trabajando actualmente. Entre mis contribuciones más significativas en este campo cabe mencionar el diseño y síntesis de nuevos ligandos de tipo hidroxiamida o de tipo imino- y aminopiridina, y la aplicación de dichos ligandos y otros descritos en la bibliografía en el desarrollo de reacciones de cicloadición enantioselectivas (Diels-Alder y 1,3-dipolares), reacciones de alquilación de compuestos carbonílicos, alquilación de compuestos carbonílicos e iminas, reacciones de Henry, aza-Henry y nitro-Michael, reacciones de Friedel-Crafts con heterociclos nitrogenados e hidroxiarenos, y reacciones de tipo Michael con iminas insaturadas. En un futuro próximo pretendo continuar esta línea de investigación desarrollando nuevas reacciones catalíticas enantioselectivas mediante sistemas multicatalíticos que combinan dos o más catalizadores y que deberían permitir nuevos patrones de reacción no alcanzables con un sólo catalizador. Durante mi carrera he llevado a cabo estancias en otras Universidades extranjeras. Primero, entre 1993-1994 como investigador post-doctoral en la Universidad de Wageningen (Holanda) con el profesor Aede de Groot, y en 2005 como investigador invitado en la Universidad de Aarhus (Dinamarca) con el profesor Karl Anker Jorgensen.

He impartido conferencias invitadas en diversos simposios y reuniones científicas así como en Universidades nacionales e internacionales. Como resultado de esta trayectoria investigadora he publicado hasta la fecha 126 artículos en revistas científicas internacionales de prestigio, varios capítulos de libros y multitud de comunicaciones a congresos nacionales e internacionales, algunas como conferenciante invitado. He dirigido nueve Tesis Doctorales (cinco de ellas con Doctorado Europeo o internacional) y varias Tesis de Máster así como trabajos Fin de Grado.



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.

Nº de sexenios: 4, último período evaluado 2007-2012 Tesis dirigidas en los últimos 10 años: 7
Citas totales: 2705
Promedio citas/año (2013-2017): $1217/5=243.4$
Promedio de citas por artículo: 19.6
Publicaciones totales: 131 artículos científicos + 5 capítulos de libro
Publicaciones en Q1: 82
Índice h = 29
Nº de quinquenios: 6, último período evaluado 2013-2017

Gonzalo Blay Llinares

Surname(s): **Blay Llinares**
Name: **Gonzalo**
DNI: **19989471X**
ORCID: **0000-0002-7379-6789**
ResearcherID: **F-1142-2015**
Date of birth: **13/01/1964**
Gender: **Male**
Nationality: **Spain**
Country of birth: **Spain**
Aut. region/reg. of birth: **Valencian Community**
Contact province: **Valencia**
City of birth: **Real de Gandia**
Contact address: **Departament de Química Orgànica-Facultat de Química**
Rest of contact address: **C/ Dr. Moliner 50**
Postcode: **46100**
Contact country: **Spain**
Contact aut. region/reg.: **Valencian Community**
Contact city: **Burjassot**
Land line phone: **963544336**
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Mobile phone: **699741220**

Current professional situation

Employing entity: Universitat de València
Department: Química Orgánica, Facultad de Química
Professional category: Catedrático de Universidad
Start date: 17/04/2012
Type of contract: Civil servant **Dedication regime:** Full time
Primary (UNESCO code): 230600 - Organic chemistry
Identify key words: Catalysis; Methodology; Sustainable chemistry; Estereocontrol

Previous positions and activities

	Employing entity	Professional category	Start date
1	Universitat de València	Profesor Titular de Universidad	09/09/1996
2	Universitat de València	Ayudante	01/10/1992
3	Universitat de València	Becario FPI	01/09/1988
4	Universitat de València	Asociado	01/01/1988

1 **Employing entity:** Universitat de València **Type of entity:** University
Department: Química Orgánica, Facultad de Química
City employing entity: Burjassot, Valencian Community, Spain



Professional category: Profesor Titular de Universidad

Phone: (34) 963544336

Fax: (34) 963544328

Email: gonzalo.blay@uv.es

Start-End date: 09/09/1996 - 16/04/2012

Duration: 15 years - 7 months - 8 days

Type of contract: Civil servant

Dedication regime: Full time

2 Employing entity: Universitat de València

Professional category: Ayudante

Start-End date: 01/10/1992 - 08/09/1996

Type of entity: University

Duration: 3 years - 11 months - 9 days

3 Employing entity: Universitat de València

Professional category: Becario FPI

Start-End date: 01/09/1988 - 31/08/1992

Type of entity: University

Duration: 4 years

4 Employing entity: Universitat de València

Professional category: Asociado

Start-End date: 01/01/1988 - 31/03/1988

Type of entity: University

Duration: 3 months



Education

University education

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

University degree: Higher degree

Name of qualification: Licenciatura en Química

Degree awarding entity: Universitat de València

Type of entity: University

Date of qualification: 01/07/1987

Doctorates

Doctorate programme: Doctor en Química

Degree awarding entity: Departament de Química Orgànica-Universitat de València

Date of degree: 07/07/1992

Thesis title: Síntesis de 6,12- y 8,12-sesquiterpenolidos a partir de santonina y artemisina

Thesis director: José Ramón Pedro Llinares y Begoña García Rodríguez

Obtained qualification: Sobresaliente cum laude

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
Catalan		C1	C1	C1	C1
French		C1	C1	C1	C1
English		C1	C1	C1	C1

Teaching experience

Experience supervising doctoral thesis and/or final year projects

- Project title:** Diastereo- and enantioselective conjugate addition reactions with α,β -unsaturated imines
Co-director of thesis: Gonzalo Blay Llinares; Luz Cardona Prósper
Entity: Universitat de València **Type of entity:** University
Student: Miguel Espinosa López
Obtained qualification: Sobresaliente cum Laude
Date of reading: 17/07/2017
European doctorate: Yes
Quality recognition: Yes



- 2** **Project title:** Generación de centros estereogénicos cuaternarios heterosustituídos mediante las reacciones de Henry y aza-Henry
Type of project: Doctoral thesis
Entity: Universitat de València **Type of entity:** University
Student: Melireth Carolina Holmquist Sira
Obtained qualification: Sobresaliente cum laude
Date of reading: 03/06/2015
European doctorate: No
Quality recognition: Yes
- 3** **Project title:** Alquínílación conjugada enantioselectiva de compuestos carbonílicos alfa,beta-insaturados
Type of project: Doctoral thesis
Entity: Universitat de València **Type of entity:** University
Student: Amparo Sanz Marco
Obtained qualification: Sobresaliente cum laude
Date of reading: 29/05/2015
European doctorate: Yes
Quality recognition: Yes
- 4** **Project title:** Alquínílación Enantioselectiva de Iminas: Desarrollo de Métodos Enantioselectivos y Aplicaciones Sintéticas
Type of project: Doctoral thesis
Entity: Universitat de València **Type of entity:** University
Student: Alicia Monleón Ventura
Obtained qualification: Sobresaliente cum laude
Date of reading: 29/11/2013
European doctorate: Yes
Quality recognition: Yes
- 5** **Project title:** Diseño de ligandos quirales con estructura de imino- y aminopiridina. Aplicación a la reacción de Henry enantioselectiva.
Entity: Universitat de València **Type of entity:** University
Student: Victor Hernández Olmos
Obtained qualification: Sobresaliente cum laude
Date of reading: 26/07/2010
European doctorate: Yes
Quality recognition: Yes
- 6** **Project title:** Catálisis asimétrica en reacciones de cicloadición mediante complejos quirales de Cu(II)
Entity: Universitat de València **Type of entity:** University
Student: Santiago Barroso Ivars
Obtained qualification: Sobresaliente cum laude
Date of reading: 28/07/2009
European doctorate: Yes
Quality recognition: Yes
- 7** **Project title:** Adiciones enantioselectivas a grupo carbonilo catalizadas por ligandos de tipo hidroxiamida
Entity: Universitat de València **Type of entity:** University
Student: Alicia Marco Aleixandre
Obtained qualification: Sobresaliente cum laude
Date of reading: 01/07/2008



- 8** **Project title:** Transposiciones de Eudesmanos Dirigidas por Silicio. Aplicación a la Síntesis de Eremofilanos y Sesquiterpenos Espiránicos
Type of project: Doctoral thesis
Entity: Universitat de València **Type of entity:** University
Student: Ana M. Collado Pérez
Obtained qualification: Sobresaliente cum laude
Date of reading: 2002
- 9** **Project title:** Síntesis de Sesquiterpenos Oxacíclicos Potencialmente Bioactivos
Type of project: Doctoral thesis
Entity: Universitat de València **Type of entity:** University
Student: Luisa Lahoz Bosch
Obtained qualification: Sobresaliente cum laude
Date of reading: 2000

Other activities/achievements not included above

Description of the activity: Otros méritos docentes: Director de proyecto de innovación docente Nombre del grupo: Audiovisual Orgánica Código: 13/DT/04/2010 Título del proyecto: Producción de video-tutoriales para el laboratorio de Química Orgánica Tipo de Proyecto: DocenTIC Personas que forman parte del proyecto: Gonzalo Blay Llinares, Pablo Gaviña Costero, Carlos del Pozo Losada, Luz Cardona Prosper, Isabel Fernández Picot, Luis Ramón Domingo Asensi, Pedro Miguel Palanca Alandes. Financiación: 3179 euros
Organising entity: Universitat de València
End date: 31/12/2010

Scientific and technological experience

Scientific or technological activities

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

- 1** **Name of the project:** Reacciones de adición enantioselectivas mediante sistemas multicatalíticos. Herramientas para la síntesis eficiente de moléculas con actividad farmacológica
Degree of contribution: Researcher
Entity where project took place: Universitat de València
Name principal investigator (PI, Co-PI....): Gonzalo Blay Llinares; José Ramón Pedro Llinares
Nº of researchers: 4
Funding entity or bodies: Ministerio de Economía, Industria y Competitividad (MINECO)
Type of participation: Principal investigator
Name of the programme: Programa Estatal de Fomento de la Investigación Científica y Técnica de Excelencia, Subprograma Estatal de Generación de Conocimiento
Code according to the funding entity: CTQ2017-84900-P
Start-End date: 01/01/2018 - 31/12/2020 **Duration:** 3 years
Total amount: 95.000 €



2 **Name of the project:** Nuevos retos en el desarrollo de procesos enantioselectivos de formación de enlaces C-C mediante catálisis dual cooperativa

Degree of contribution: Researcher

Entity where project took place: Universitat de València

Name principal investigator (PI, Co-PI....): José Ramón Pedro Llinares; Gonzalo Blay Llinares

Nº of researchers: 4

Funding entity or bodies:

Ministerio de Economía, Industria y Competitividad

Type of participation: Principal investigator

Name of the programme: Programa Estatal de Fomento de la Investigación Científica y Técnica de Excelencia, Subprograma Estatal de Generación de Conocimiento

Code according to the funding entity: CTQ2013-47494-P

Start-End date: 01/01/2014 - 31/12/2017

Duration: 4 years

Total amount: 98.000 €

3 **Name of the project:** Red de Excelencia en Catálisis Asimétrica

Entity where project took place: Universitat de València

Name principal investigator (PI, Co-PI....): José Manuel Saa Rodríguez; José Ramón Pedro Llinares

Funding entity or bodies:

Ministerio de Economía, Industria y Competitividad (MINECO)

Name of the programme: Programa Estatal de Fomento de la Investigación Científica y Técnica de Excelencia, Subprograma Estatal de Generación de Conocimiento

Code according to the funding entity: CTQ2014-55571-REDT

Start-End date: 01/01/2014 - 31/12/2015

Duration: 2 years

Total amount: 10.000 €

4 **Name of the project:** Instituto superior de síntesis orgánica (ISSO)

Entity where project took place: Universitat de València

Name principal investigator (PI, Co-PI....): Santos Fustero Lardies; José Ramón Pedro Llinares

Nº of researchers: 11

Funding entity or bodies:

Generalitat Valenciana

Type of entity: Body, others

Name of the programme: Programa de investigación cooperativa

Code according to the funding entity: ISIC/2012/001

Start-End date: 01/01/2012 - 31/12/2015

Duration: 4 years

Total amount: 68.700 €

5 **Name of the project:** Desarrollo de nuevos procesos enantioselectivos de formación de enlaces C-C mediante catálisis asimétrica

Entity where project took place: Universitat de València

Name principal investigator (PI, Co-PI....): Jose Ramon Pedro Llinares

Nº of researchers: 7

Funding entity or bodies:

Ministerio de Ciencia e Innovación. Dirección General de programas y transferencia del conocimiento

Name of the programme: Programa Estatal de Fomento de la Investigación Científica y Técnica.

Code according to the funding entity: CTQ2009-13083/BQU

Start-End date: 01/01/2010 - 31/12/2013

Duration: 4 years

Total amount: 109.000 €



6 **Name of the project:** Desarrollo de nuevos procesos enantioselectivos de formación de enlaces C-C mediante catálisis asimétrica

Entity where project took place: Universitat de València

Name principal investigator (PI, Co-PI....): Jose Ramon Pedro Llinares

Nº of researchers: 4

Funding entity or bodies:

Direcció General de Política científica. Conselleria d'Educació. Generalitat Valenciana

Name of the programme: Ayudas Complementarias

Code according to the funding entity: ACOMP/2012/212

Start-End date: 01/01/2012 - 31/12/2012

Duration: 1 year

Total amount: 3.000 €

7 **Name of the project:** Desarrollo de nuevos procesos enantioselectivos de formación de enlaces C-C mediante catálisis asimétrica

Entity where project took place: Universitat de València

Name principal investigator (PI, Co-PI....): Jose Ramon Pedro Llinares

Nº of researchers: 4

Funding entity or bodies:

Direcció General de Política científica. Conselleria d'Educació. Generalitat Valenciana

Name of the programme: Ayudas complementarias

Code according to the funding entity: ACOMP/2011/267

Start-End date: 01/01/2011 - 31/12/2011

Duration: 1 year

Total amount: 5.000 €

8 **Name of the project:** Diseño y síntesis de nuevos ligandos de tipo hidroxiamida y oxazolina derivados del ácido mandélico. Aplicación en reacciones catalíticas enantioselectivas de formación de enlaces carbono-carbono.

Entity where project took place: Universitat de València

Name principal investigator (PI, Co-PI....): Jose Ramon Pedro Llinares

Nº of researchers: 4

Funding entity or bodies:

Direcció General de Política científica. Conselleria d'Educació. Generalitat Valenciana

Code according to the funding entity: ACOMP/2009/338

Start-End date: 01/01/2009 - 31/12/2009

Duration: 1 year

Total amount: 16.500 €

9 **Name of the project:** Diseño y síntesis de nuevos ligandos de tipo hidroxiamida y oxazolina derivados del ácido mandélico. Aplicación en reacciones catalíticas enantioselectivas de formación de enlaces carbono-carbono.

Entity where project took place: Universitat de València

Name principal investigator (PI, Co-PI....): Jose Ramon Pedro Llinares

Nº of researchers: 7

Funding entity or bodies:

Ministerio de Educación y Ciencia

Code according to the funding entity: CTQ2006-14199/BQU

Start-End date: 01/01/2007 - 31/12/2009

Duration: 3 years

Total amount: 80.000 €



- 10** **Name of the project:** Nuevos ligandos sobre plataforma de canfano en reacciones catalíticas enantioselectivas de formación de enlaces carbono-carbono
Entity where project took place: Universitat de València
Name principal investigator (PI, Co-PI....): Jose Ramon Pedro Llinares
Nº of researchers: 7
Funding entity or bodies:
Universitat de València **Type of entity:** University
City funding entity: Valencia, Valencian Community, Spain
Code according to the funding entity: UV-AE-20060244
Start-End date: 01/01/2006 - 31/12/2006 **Duration:** 1 year
Total amount: 12.000 €
- 11** **Name of the project:** Iminopiridinas en catalisis asimétrica:diseño modular de ligandos estérica y electrónicamente no simétricos
Entity where project took place: Universitat de València
Name principal investigator (PI, Co-PI....): Gonzalo Blay Llinares
Nº of researchers: 6
Funding entity or bodies:
Consellería de Empresa, Universidad y Ciencia- Generalitat Valenciana
Code according to the funding entity: GV2005-10
Start-End date: 01/12/2005 - 31/12/2006 **Duration:** 2 years
Total amount: 26.000 €
- 12** **Name of the project:** Complejos de metales de transición en síntesis orgánica
Entity where project took place: Universitat de València
Name principal investigator (PI, Co-PI....): Jose Ramon Pedro Llinares
Nº of researchers: 7
Funding entity or bodies:
Agencia Valenciana de Ciencia y Tecnología
Code according to the funding entity: AVCYT 03/168
Start-End date: 01/01/2003 - 31/12/2005 **Duration:** 3 years
Total amount: 66.696,13 €
- 13** **Name of the project:** Complejos de metales de transición como catalizadores biomiméticos en síntesis orgánica: De la catálisis oxidativa a la catálisis de ácidos de Lewis
Entity where project took place: Universitat de València
Name principal investigator (PI, Co-PI....): Jose Ramon Pedro Llinares
Nº of researchers: 6
Funding entity or bodies:
Ministerio de Ciencia y Tecnología, Dirección General de Investigación
Code according to the funding entity: BQU 2001-3017
Start-End date: 01/01/2002 - 31/12/2005 **Duration:** 4 years
Total amount: 69.717,4 €
- 14** **Name of the project:** Oxidaciones Catalíticas de Hidrocarburos
Entity where project took place: Universitat de València
Name principal investigator (PI, Co-PI....): Rafael Ruiz García
Nº of researchers: 2
Funding entity or bodies:



Oficina de Ciencia y Tecnología de la Generalitat Valenciana

Code according to the funding entity: CTIDIA/2002/131

Start-End date: 01/01/2002 - 31/12/2003

Duration: 2 years

Total amount: 22.505 €

15 Name of the project: Complejos de metales de transición en síntesis orgánica

Entity where project took place: Universitat de València

Name principal investigator (PI, Co-PI....): Jose Ramon Pedro Llinares

Nº of researchers: 7

Funding entity or bodies:

Agencia Valenciana de Ciencia y Tecnología

Code according to the funding entity: GR-01-209

Start-End date: 01/01/2001 - 31/12/2001

Duration: 1 year

Total amount: 5.108 €

16 Name of the project: Reacciones de oxidación biomiméticas catalizadas por complejos de metales de transición

Entity where project took place: Universitat de València

Name principal investigator (PI, Co-PI....): Jose Ramon Pedro Llinares

Nº of researchers: 7

Funding entity or bodies:

Secretaría de Estado de Educación, Universidades, Investigación y Desarrollo

Code according to the funding entity: PB97-1411

Start-End date: 01/01/1998 - 31/12/2000

Duration: 3 years

Total amount: 54.091 €

17 Name of the project: Terpenes as natural chiral starting materials for the synthesis of flavours, fragrances, pharmaceuticals and biocontrol agents

Entity where project took place: Universitat de València

Name principal investigator (PI, Co-PI....): Jose Ramon Pedro Llinares

Nº of researchers: 6

Funding entity or bodies:

Comisión Europea

Type of entity: Body, others

Code according to the funding entity: FAIR-CT96-1781

Start-End date: 01/01/1997 - 31/12/2000

Duration: 4 years

Total amount: 90.600 €

18 Name of the project: Nuevas Perspectivas en la Química de Sesquiterpenos: De la Síntesis de Productos Naturales Bioactivos al Diseño y Síntesis de Complejos Metálicos de Utilidad como Catalizadores en Síntesis Quiral.

Entity where project took place: Universitat de València

Name principal investigator (PI, Co-PI....): Jose Ramon Pedro Llinares

Nº of researchers: 5

Funding entity or bodies:

Dirección General de Investigación Científica y Técnica

Code according to the funding entity: PB94-0985

Start-End date: 01/01/1995 - 31/12/1997

Duration: 3 years

Total amount: 36.060,7 €



- 19** **Name of the project:** Aislamiento y síntesis de lactonas sesquiterpénicas con actividad anti-feedant frente a *Schistocerca gregaria* y *Locusta migratoria*
Entity where project took place: Universitat de València
Name principal investigator (PI, Co-PI....): Jose Ramon Pedro Llinares
Nº of researchers: 5
Funding entity or bodies:
Dirección General de Investigación Científica y Técnica
Code according to the funding entity: PB91-0323
Start-End date: 01/01/1992 - 31/12/1994 **Duration:** 3 years
Total amount: 27.045,54 €

Scientific and technological activities

Scientific production

Publications, scientific and technical documents

- 1** Pablo Martínez-Pardo; Gonzalo Blay; M. Carmen Muñoz; José R. Pedro; Amparo Sanz-Marco; Carlos Vila. Enantioselective synthesis of chiral oxazolines from unactivated ketones and isocyanoacetate esters by synergistic silver/organocatalysis. *Chemical Communications*. 54, pp. 2862 - 2865. 2018.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 2** Carlos Vila; Alejandra Rendón-Patiño; Marc Montesinos Magraner; Gonzalo Blay; M. Carmen Muñoz; José R. Pedro. Organocatalytic Enantioselective Functionalization of Hydroxyquinolines through an Aza-Friedel-Crafts Alkylation with Isatin-derived Ketimines. *Advanced Synthesis and Catalysis*. 360, pp. 859 - 864. Wiley-VCH, 2018.
Type of production: Scientific paper **Format:** Journal
- 3** Miguel Espinosa; Gonzalo Blay; Luz Cardona; M. Carmen Muñoz; José R. Pedro. Catalytic Asymmetric Formal [3+2] Cycloaddition of 2-Isocyanatomalonate Esters and Unsaturated Imines: Synthesis of Highly Substituted Chiral γ -Lactams. *Chemistry - A European Journal*. 23, pp. 14707 - 14711. Wiley-Blackwell, 2017. Available on-line at: <<https://doi.org/10.1002/chem.201702777>>.
Type of production: Scientific paper **Format:** Journal
- 4** Carlos Vila; Andrés del Campo; Gonzalo Blay; José Pedro. Catalytic Enantioselective Addition of Me₂Zn to Isatins. *Catalysts*. 7 - 12, pp. 387 - 400. 2017. Available on-line at: <<https://doi.org/10.3390/catal7120387>>.
Type of production: Scientific paper **Format:** Journal
- 5** Miguel Espinosa; Jorge Herrera; Gonzalo Blay; Luz Cardona; M. Carmen Muñoz; José R. Pedro. Copper-catalysed enantioselective Michael addition of malonic esters to β -trifluoromethyl- α,β -unsaturated imines. *Org. Biomol. Chem.* 15, pp. 3849 - 3853. Royal Society of Chemistry ({RSC}), 2017. Available on-line at: <<https://doi.org/10.1039%2Fc7ob00595d>>.
Type of production: Scientific paper **Format:** Journal
- 6** Marc Montesinos-Magraner; Carlos Vila; Gonzalo Blay; Isabel Fernández; M. Carmen Muñoz; José R. Pedro. Hydroxy-Directed Enantioselective Hydroxyalkylation in the Carbocyclic Ring of Indoles. *Organic Letters*. 19, pp. 1546 - 1549. American Chemical Society ({ACS}), 2017. Available on-line at: <<https://doi.org/10.1021%2Facs.orglett.7b00354>>.
Type of production: Scientific paper **Format:** Journal



- 7** Amparo Sanz-Marco; Gonzalo Blay; M. Carmen Muñoz; José R. Pedro. Catalytic Enantioselective Conjugate Alkynylation of α,β -Unsaturated 1,1,1-Trifluoromethyl Ketones with Terminal Alkynes. *Chemistry-A European Journal*. 22, pp. 10057 - 10064. (Germany): 2016. Available on-line at: <<http://jsessionid=80CA7E29199B5EC6DF3E48A590B75787.f03t02>>. ISSN 0947-6539
Type of production: Scientific paper **Format:** Journal
- 8** Amparo Sanz-Marco; Gonzalo Blay; Carlos Vila; José R. Pedro. Catalytic Enantioselective Conjugate Alkynylation of β -Aryl- β -trifluoromethyl Enones Constructing Propargylic All-Carbon Quaternary Stereogenic Centers. *Organic Letters*. 18, pp. 3538 - 3541. (United States of America): 2016. Available on-line at: <<https://doi.org/10.1021/acs.orglett.6b01494>>. ISSN 1523-7060
Type of production: Scientific paper **Format:** Journal
- 9** Marc Montesinos-Magraner; Carlos Vila; Gonzalo Blay; José R. Pedro. Catalytic Enantioselective Friedel-Crafts Reactions of Naphthols and Electron-Rich Phenols. *Synthesis-Stuttgart*. 48, pp. 2151 - 2164. (Germany): 2016. Available on-line at: <<https://doi.org/10.1055/s-0035-1561434>>. ISSN 0039-7881
Type of production: Scientific paper **Format:** Journal
- 10** Miguel Espinosa; Andrea García-Ortiz; Gonzalo Blay; Luz Cardona; M. Carmen Muñoz; José R. Pedro. E,Z-Stereodivergent synthesis of N-tosyl α,β -dehydroamino esters via a Mukaiyama-Michael addition. *Rsc Advances*. 6, pp. 15655 - 15659. (United Kingdom): 2016. Available on-line at: <<https://doi.org/10.1039/c5ra27354d>>. ISSN 2046-2069
Type of production: Scientific paper **Format:** Journal
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- 1** **Title of the work:** Enantioselective Synthesis of Trifluoromethyl Oxazolines under Dual Organo-Silver Catalysis
Name of the conference: XXXVI Reunión Bienal de la Real Sociedad Española de Química
Type of participation: 'Participatory - poster
City of event: Sitges, 25 a 29 de junio, Spain
Date of event: 2017
Organising entity: Real Sociedad Española de Química
Gonzalo Blay; Pablo Martínez; Carlos Vila; José Ramón Pedro. "PP 041, Asymmetric Organocatalysis".
- 2** **Title of the work:** Organocatalytic Enantioselective Friedel-Crafts Alkylation in the Carbocyclic Ring of Indoles with Nitroalkenes
Name of the conference: XXXVI Reunión Bienal de la Real Sociedad Española de Química
Type of participation: 'Participatory - poster
City of event: Sitges, 25 a 29 de junio, Spain
Date of event: 2017
Organising entity: Real Sociedad Española de Química
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- 3** **Title of the work:** Asymmetric Conjugate Addition of Malonic Esters to β -Trifluoromethyl Enones and β -Trifluoromethyl Enamines
Name of the conference: 11th Spanish-Italian Symposium on Organic Chemistry (SISOC XI)
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: San Sebastian, Spain
Date of event: 2016
Organising entity: RSEQ-SCI
City organizing entity: San Sebastian,
Miguel Espinosa; Jorge Herrera; Toni Iborra; Gonzalo Blay; Luz Cardona; José R. Pedro. "Book of Abstracts, PO-14 (pág. 153)".
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Type of participation: Participatory - invited/keynote talk
City of event: Bilbao, Spain



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- 5 Title of the work:** La(III)-Catalyzed Asymmetric Conjugate Addition of Malonate Esters to α,β -Unsaturated Imines and β,γ -Unsaturated- α -Iminoesters

Name of the conference: 3rd US-Spain Symposium on Asymmetric Catalysis and Chemical Synthesis

Type of event: Conference

Type of participation: 'Participatory - poster

City of event: Bilbao, Spain

Date of event: 2016

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Name of the conference: 3rd US-Spain Symposium on Asymmetric Catalysis and Chemical Synthesis

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: Bilbao, Spain

Date of event: 2016

Organising entity: Universidad del País Vasco

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- 7 Title of the work:** Zinc and Copper Catalyzed Enantioselective Conjugate Alkynylation of α,β -Unsaturated Carbonyl Compounds

Name of the conference: 11th Spanish-Italian Symposium on Organic Chemistry (SISOC XI)

Type of event: Conference

Type of participation: Participatory - invited/keynote talk

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City of event: Barcelona, Spain

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Type of participation: 'Participatory - poster



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Name of the conference: XXXV Reunión Bienal de la Real Sociedad Española de Química

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: A Coruña, Spain

Date of event: 2015

Organising entity: RSEQ

City organizing entity: La Coruña,

C. Vila; M. Montesinos-Magraner; R. Cantón; G. Blay; I. Fernández; J. R. Pedro. "Book of Abstracts, S6-OC-6 (pag. 292)".

- 11 Title of the work:** Organocatalytic enantioselective Friedel-Crafts addition of naphthols and electron-rich phenols to ketimines

Name of the conference: New Perspectives in Asymmetric and Organometallic Synthesis VI (Prometeo/ISIC)

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: Burjassot, Spain

Date of event: 2015

Organising entity: Universitat de València

Marc Montesinos-Magraner; Carlos Vila; Rubén Cantón; Gonzalo Blay; Isabel Fernández; José R. Pedro. "Libro de resúmenes".

- 12 Title of the work:** Quinine-Derived Thiourea-Catalyzed Enantioselective Addition of Naphthols and Activated Phenols to Isatin-Derived Ketimines

Name of the conference: XXXV Reunión Bienal de la Real Sociedad Española de Química

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: A Coruña, Spain

Date of event: 2015

Organising entity: RSEQ

City organizing entity: La Coruña,

M. Montesinos-Magraner; C. Vila; R. Cantón; G. Blay; I. Fernández; J. R. Pedro. "Book of Abstracts, S6-FC-04 (pag. 300)".

- 13 Title of the work:** Enantioselective Aza-Henry Reaction with Isatin Ketimines

Name of the conference: XXV Reunión Bienal de Química Orgánica

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: Alicante, Spain

Date of event: 2014

Organising entity: RSEQ

Melireth Holmquist; Gonzalo Blay; José R. Pedro. "Libro de resúmenes, Flash-41, Página 144".



- 14** **Title of the work:** Enantioselective Conjugate Addition of Terminal Alkynes to α,β -Unsaturated Trifluoromethyl Ketones
Name of the conference: XXV Reunión Bienal de Química Orgánica
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Alicante, Spain
Date of event: 2014
Organising entity: RSEQ
Amparo Sanz-Marco; Gonzalo Blay; José R. Pedro. "Libro de resúmenes, Flash-96, Página 199".
- 15** **Title of the work:** Highly Enantioselective Copper (I)-Catalyzed Conjugate Addition of 1,3-Diynes to α,β -Unsaturated Trifluoromethyl Ketones
Name of the conference: Simposio de Investigadores Jóvenes. RSEQ-Sigma Aldrich
Type of event: Conference
Type of participation: Participatory - poster
City of event: Bilbao, Spain
Date of event: 2014
Organising entity: RSEQ
Amparo Sanz-Marco; Gonzalo Blay; José R. Pedro. "Libro de Resúmenes, P-63, pág. 173".
- 16** **Title of the work:** Asymmetric conjugate addition of malonate esters to α,β -unsaturated N-Sulfonyl Imines: An expeditious route to chiral δ -amino esters and piperidones
Name of the conference: Simposio de Investigadores Jóvenes (RSEQ/Sigma-Aldrich)
Type of event: Conference
Type of participation: Participatory - poster
City of event: Madrid, Noviembre 2013, Spain
Date of event: 2013
Organising entity: RSEQ
M. Espinosa; G. Blay; L. Cardona; J. R. Pedro. "Libro de resúmenes".
- 17** **Title of the work:** Development of catalytic asymmetric procedures for conjugate alkynylation of enones and related compounds
Name of the conference: VI Mediterranean Organic Chemistry Meeting (REQOMED)
Type of event: Conference
Type of participation: Participatory - invited/keynote talk
City of event: Granada, 19-21 de junio, Spain
Date of event: 2013
Organising entity: Universidad de Granada
G. Blay; A. García-Ortiz; I. Fernández; J. R. Pedro; A. Sanz-Marco. "Book of Abstracts pág. 21 (IL-5)".
- 18** **Title of the work:** Highly enantioselective copper(I)-catalyzed conjugate addition of terminal alkynes to 1,1,1-difluoro-1-(phenylsulfonyl)-3-en-2-ones. New ester/amide surrogates in asymmetric catalysis
Name of the conference: Simposio de Investigadores Jóvenes (RSEQ/Sigma-Aldrich)
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Madrid, Noviembre 2013, Spain
Date of event: 2013
Organising entity: RSEQ
A. Sanz; A. García-Ortiz; G. Blay; I. Fernández; J. R. Pedro. "Libro de resúmenes".



- 19** **Title of the work:** La(III)-catalyzed asymmetric conjugate addition of malonate esters to α,β -unsaturated N-sulfonyl imines
Name of the conference: VI Mediterranean Organic Chemistry Meeting (REQOMED)
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Granada, 19-21 de junio, Spain
Date of event: 2013
Organising entity: Universidad de Granada
G. Blay; L. Cardona; M. Espinosa; J. R. Pedro. "Book of Abstracts pág. 90 (PO-066)".
- 20** **Title of the work:** N-Aminoalkylation of heterocycles with α -amido sulfones
Name of the conference: 15th JCF-Frühjahrssymposium (15th Spring Symposium)
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Berlin 6-11 de Marzo, Germany
Date of event: 2013
Organising entity: German Chemical Society (GDCh)
Marc Montesinos-Magraner; Gonzalo Blay; Rosa María Girón; José Ramón Pedro. "Book of Abstracts, Poster 211, pag 268".
- 21** **Title of the work:** Regioselective synthesis of highly functionalized 1,3-oxazin-2-ones via electrophilic cyclization of N-Cbz protected propargyl amines
Name of the conference: 15th JCF-Frühjahrssymposium (15th Spring Symposium)
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Berlin 6-11 de Marzo, Germany
Date of event: 2013
Organising entity: German Chemical Society (GDCh)
Alicia Monleón; José Ramón Pedro; Gonzalo Blay. "Book of Abstracts, Poster 035, pag 92".
- 22** **Title of the work:** Synthesis of densely functionalized 5-halogen-1,3-oxazin-2-ones by halogen-mediated regioselective cyclization of N-Cbz-protected propargylic amines: A combined experimental and theoretical study
Name of the conference: VI Mediterranean Organic Chemistry Meeting (REQOMED)
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Granada, 19-21 de junio, Spain
Date of event: 2013
Organising entity: Universidad de Granada
G. Blay; L. R. Domingo; A. Monleón; J. R. Pedro. "Book of Abstracts pág. 44 (OR-61)".
- 23** **Title of the work:** Synthetic applications of 3-alkoxycarbonyl-4-alkynylcoumarins
Name of the conference: 15th JCF-Frühjahrssymposium (15th Spring Symposium)
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Berlin 6-11 de Marzo, Germany
Date of event: 2013
Organising entity: German Chemical Society (GDCh)
Amparo Sanz-Marco; Gonzalo Blay; José Ramón Pedro. "Book of Abstracts, Poster 140, pag 197".



- 24** **Title of the work:** The construction of quaternary stereocenters via the Henry reaction: Enantioselective addition of nitromethane to 2-acylpyridine N-oxides catalyzed by BOX-Cu(II) complexes
Name of the conference: VI Mediterranean Organic Chemistry Meeting (REQOMED)
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Granada, 19-21 de junio, Spain
Date of event: 2013
Organising entity: Universidad de Granada
G. Blay; M. Holmquist; J. R. Pedro. "Book of Abstracts pág. 89 (PO-065)".
- 25** **Title of the work:** Aminoalquilación regioselectiva de indoles y heterociclos relacionados con α -amid sulfonas
Name of the conference: XXIV Reunión Bienal de Química Orgánica
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: San Sebastian 11-13 de Julio, Spain
Date of event: 2012
Organising entity: RSEQ
Gonzalo Blay; Rosa M. Girón; Marc Montesinos-Magraner; José R. Pedro. "Libro de actas, pág. 95 (Flash-19)".
- 26** **Title of the work:** Enantioselective conjugate alkynylation of terminal alkynes to beta-trifluoromethyl-alpha,beta-enones
Name of the conference: 4th Spanish-Moroccan Symposium on Organic Chemistry (SMSOC-4) and 7th Andalusian-Moroccan Meeting on Natural Products Chemistry (AMMNPC-7)
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Almería 20-22 de septiembre, Spain
Date of event: 2012
Gonzalo Blay; Andrea García-Ortiz; José R. Pedro; Amparo Sanz-Marco. "Book of Abstracts Pag 46, OC-8".
- 27** **Title of the work:** Iodine-mediated Regioselective Synthesis of Highly Functionalized 1,3-Oxazin-2-ones from N-Cbz Protected Propargylic Amines
Name of the conference: 4th Spanish-Moroccan Symposium on Organic Chemistry (SMSOC-4) and 7th Andalusian-Moroccan Meeting on Natural Products Chemistry (AMMNPC-7)
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Almería 20-22 de septiembre, Spain
Date of event: 2012
Gonzalo Blay; Alicia Monleón; José R. Pedro. "Book of Abstracts Pag 96, P-45".
- 28** **Title of the work:** Metal-catalyzed enantioselective alkynylation reactions
Name of the conference: IV Jornadas de la Red de Catálisis Asimétrica
Type of event: Conference
Type of participation: Participatory - invited/keynote talk
City of event: Palma de Mallorca, 4-5 de Octubre, Spain
Date of event: 2012
Organising entity: Universitat de les Illes Balears
Gonzalo Blay; Alicia Monleón; José R. Pedro; Amparo Sanz-Marco.



- 29** **Title of the work:** Reacciones de alquilación enantioselectivas catalizadas por complejos de Zn(II) y ligandos de tipo bifenol
Name of the conference: XXIV Reunión Bienal de Química Orgánica
Type of event: Conference
Type of participation: Participatory - invited/keynote talk
City of event: San Sebastian 11-13 de Julio, Spain
Date of event: 2012
Organising entity: RSEQ
Gonzalo Blay; Luz Cardona; Alicia Monleón; José R. Pedro; Amparo Sanz-Marco. "Libro de actas, pág. 51 (CO-25)".
- 30** **Title of the work:** Regioselective Aminoalkylation of Indoles with alpha-Amidosulfones and Synthetic Applications
Name of the conference: 4th Spanish-Moroccan Symposium on Organic Chemistry (SMSOC-4) and 7th Andalusian-Moroccan Meeting on Natural Products Chemistry (AMMNPC-7)
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Almería 20-22 de septiembre, Spain
Date of event: 2012
Gonzalo Blay; Rosa M. Girón; Marc Montesinos-Magraner; José R. Pedro. "Book of Abstracts Pag 97, P-46".
- 31** **Title of the work:** Synthesis of trifluoromethylated compounds by enantioselective zirconium catalyzed Friedel-Crafts alkylation of pyrrole and indoles
Name of the conference: 3d International Symposium on Organofluorine Compounds in Biomedical, Materials and Agricultural Sciences-Valencia Fluorine Days
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Valencia 20-24 de Mayo de 2012, Spain
Date of event: 2012
Organising entity: Universitat de València
Gonzalo Blay; Isabel Fernández; José R. Pedro; Carlos Vila. "Book of Abstracts pag 88, PO-24".
- 32** **Title of the work:** Synthesis of trifluoromethylated tertiary propargylic amines
Name of the conference: 3d International Symposium on Organofluorine Compounds in Biomedical, Materials and Agricultural Sciences-Valencia Fluorine Days
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Valencia 20-24 de Mayo de 2012, Spain
Date of event: 2012
Organising entity: Universitat de València
Gonzalo Blay; Alicia Monleón; José R. Pedro. "Book of Abstracts pag 99, PO-35".
- 33** **Title of the work:** Síntesis enantioselectiva de 4-alquil dihidroumarinas mediante adición conjugada de alquinos terminales catalizada por complejos de Zn(II) y ligandos de tipo hidroxiamida
Name of the conference: XXIV Reunión Bienal de Química Orgánica
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: San Sebastian 11-13 de Julio, Spain
Date of event: 2012
Organising entity: RSEQ
Gonzalo Blay; José R. Pedro; Amparo Sanz-Marco. "Libro de actas, pág. 114 (Flash-38)".



- 34** **Title of the work:** Adición conjugada enantioselectiva de alquinos terminales a compuestos 1,3-dicarbonílicos α,β -insaturados catalizada por complejos de VANOL-Zn
Name of the conference: V Reunión de Química Orgánica del Mediterraneo (REQOMED V) y III Reunión del Grupo de Productos Naturales (REGPRONAT III)
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Cádiz, Spain
Date of event: 2011
Organising entity: Universidad de Cádiz
Gonzalo Blay; Luz Cardona; Ana Domingo; Edgar Peris; José R. Pedro; Amparo Sanz-Marco. "Libro de resúmenes, P9, pag. 43 Del 8 al 10 de Junio".
- 35** **Title of the work:** Alquínación enantioselectiva de N-fosfonilimas catalizada por complejos de tipo BINOL-Zn
Name of the conference: XXXIII Reunión Bienal de la RSEQ
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Valencia, Spain
Date of event: 2011
Organising entity: RSEQ
A. Monleón; G. Blay; E. Ceballos; J. R. Pedro. "Libro de resúmenes, CAT-F31".
- 36** **Title of the work:** Oxigenación de reactivos de dialquilzinc. Síntesis de α -amido alquilperóxidos por reacción de adición a α -amidosulfonas
Name of the conference: V Reunión de Química Orgánica del Mediterraneo (REQOMED V) y III Reunión del Grupo de Productos Naturales (REGPRONAT III)
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Cádiz, Spain
Date of event: 2011
Organising entity: Universidad de Cádiz
Gonzalo Blay; Alicia Monleón; Marc Montesinos-Magraner; José R. Pedro; Amparo Sanz-Marco. "Libro de resúmenes, P8, pag. 42 Del 8 al 10 de Junio".
- 37** **Title of the work:** Producción de videotutoriales para el laboratorio de Química Orgánica
Name of the conference: VI Reunión de Innovación Docente en Química (INDOQUIM 2011)
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Alicante, Spain
Date of event: 2011
Organising entity: Universitat d'Alacant
G. Blay; L. Cardona; L. R. Domingo; I. Fernández; P. Gaviña; P. Palanca; C. Del Pozo; J. Pedro-Carañana. "Libro de actas PII-32 (pág 291-292)".
- 38** **Title of the work:** Reacciones de Adición a α -amido sulfonas de radicales alquilperoxil y alcoxil generados por oxigenación de reactivos de dialquilzinc
Name of the conference: VIII Simposio de Investigadores Jóvenes RSEQ Sigma-Aldrich
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Torremolinos, Spain
Date of event: 2011

**Organising entity:** RSEQ

Gonzalo Blay; Alicia Monleón; Marc Montesinos-Magraner; José R. Pedro; Amparo Sanz-Marco. "Libro de resúmenes, C43".

- 39 Title of the work:** Adición Enantioselectiva de Nitrometano a Arilgloxales Catalizada por Complejos de Cu(II)-Iminopiridina
Name of the conference: XXIII Reunión Bienal de Química Orgánica (RSEQ)
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Murcia, Spain
Date of event: 2010
Organising entity: RSEQ
G. Blay; V. Hernández-Olmos; J. R. Pedro. "Libro de Resúmenes, CO-116, pag 152".
- 40 Title of the work:** Development of New N,N-Ligands for the Asymmetric Henry Reaction and Synthetic Applications
Name of the conference: 1St U.S.-Spain Workshop on Asymmetric Chemical Synthesis and Catalysis
Type of event: Conference
Type of participation: Participatory - invited/keynote talk
City of event: Benicassim, Spain
Date of event: 2010
G. Blay; V. Hernández-Olmos; José R. Pedro. "Book of Abstracts pag 60".
- 41 Title of the work:** Disseny de lligands quirals amb estructura d'imino- i aminopiridina. Aplicació a la reacció de Henry enantioselectiva.
Name of the conference: VI Trobada de Joves Investigadors dels Països Catalans
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Valencia, Spain
Date of event: 2010
Organising entity: Universitat de València
G. Blay; V. Hernández-Olmos; J. R. Pedro. "Llibre de Resums 87, comunicació 5.3.1".
- 42 Title of the work:** Enantioselective Alkynylation and Alkylation of α -Amidosulfones Catalyzed by BINOL-Zn Complexes
Name of the conference: 1St U.S.-Spain Workshop on Asymmetric Chemical Synthesis and Catalysis
Type of event: Conference
Type of participation: Participatory - poster
City of event: Benicassim, Spain
Date of event: 2010
G. Blay; A. Monleón; M. Montesinos; José R. Pedro. "Book of Abstracts pag 32".
- 43 Title of the work:** Enantioselective Cu(II)-Catalyzed Henry Reaction
Name of the conference: Workshop on New Perspectives in Asymmetric and Organometallic Synthesis (Prometeo-GV)
Type of event: Conference
Type of participation: Participatory - invited/keynote talk
City of event: Valencia, Spain
Date of event: 2010
Organising entity: Universitat de València
G. Blay; V. Hernández-Olmos; José R. Pedro. "Book of Abstracts".



- 44** **Title of the work:** Reactividad de Complejos de Tipo BINOL-Zn Frente a α -Amido Sulfonas
Name of the conference: Segundo Simposio Iberoamericano de Química Orgánica (SIBEAQO-II)
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Santiago de Compostela, Spain
Date of event: 2010
A Monleón; G. Blay; M. Montesinos, A. Sanz; J. R. Pedro. "Libro de Abstracts CO-1 (pag 51)".
- 45** **Title of the work:** Síntesis enantioselectiva de amidas propargílicas catalizada por complejos de tipo BINOL-Zn
Name of the conference: XXIII Reunión Bienal de Química Orgánica (RSEQ)
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Murcia, Spain
Date of event: 2010
Organising entity: RSEQ
G. Blay; A. Brines; A. Monleón; A. Sanz; J. R. Pedro. "Libro de Resúmenes, CO-62, pag 98".
- 46** **Title of the work:** Copper(II)-Bis(oxazoline)-Catalyzed Asymmetric 1,3-Dipolar Cycloadditions of Nitrones with 2-Alkenoyl Pyridine N-Oxides
Name of the conference: XVI European Symposium on Organic Chemistry (ESOC)
Type of event: Conference
Type of participation: Participatory - poster
City of event: Praga, Czech Republic
Date of event: 2009
S. Barroso; G. Blay; L. Cardona; J. R. Pedro. "Book of Abstracts P1-051 (pag 118)".
- 47** **Title of the work:** Enantioselective Zirconium-catalyzed Friedel-Crafts Alkylation of Pyrroles with α -Ketoesters
Name of the conference: XVI European Symposium on Organic Chemistry (ESOC)
Type of event: Conference
Type of participation: Participatory - poster
City of event: Praga, Czech Republic
Date of event: 2009
G. Blay; I. Fernández; J. R. Pedro; A. Recuenco; C. Vila. "Book of Abstracts P2-237 (pag 587)".
- 48** **Title of the work:** Highly enantio- and diastereoselective addition of methyl 4-nitrobutyrate to aldehydes. Application to the synthesis of chiral lactams and other derivatives
Name of the conference: X Tetrahedron Symposium
Type of event: Conference
Type of participation: Participatory - poster
City of event: Paris, France
Date of event: 2009
G. Blay; V. Hernández-Olmos; J. R. Pedro. "Libro de resúmenes C189".
- 49** **Title of the work:** Ligandos quirales de tipo aminopiridina. Aplicaciones a la reacción de aza-Henry enantioselectiva
Name of the conference: XXII Reunión Bienal de la Real Sociedad Española de Química
Type of event: Conference
Type of participation: Participatory - poster



City of event: Oviedo, Spain

Date of event: 2009

Organising entity: RSEQ

G. Blay; A. Escamilla; V. Hernández-Olmos; J. R. Pedro. "Libro de resúmenes, pag 86 (PG1-86)".

- 50 Title of the work:** Reacciones de Friedel-Crafts enantioselectivas de indoles y (E)-1-aryl-4-benzyloxy-2-buten-1-ones catalizadas por complejos de Hf(IV)-BINOL
Name of the conference: XXII Reunión Bienal de la Real Sociedad Española de Química
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Oviedo, Spain
Date of event: 2009
Organising entity: RSEQ

G. Blay; I. Fernández; A. Monleón; C. Vila; J. R. Pedro. "Libro de resúmenes, pag 83 (PG1-83)".

- 51 Title of the work:** Reacciones de hetero-Diels-Alder enantioselectivas catalizadas por complejos de Cu(II) y ligandos de tipo hidroxioxazolona
Name of the conference: XXII Reunión Bienal de la Real Sociedad Española de Química
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Oviedo, Spain
Date of event: 2009
Organising entity: RSEQ
A. Barba; S. Barroso; G. Blay; L. Cardona; M. Melegari; J. R. Pedro. "Libro de resúmenes, pag 85 (PG1-85)".

- 52 Title of the work:** Zr(IV)/3,3'-dibromo-BINOL como catalizador en la alquilación de Friedel-Crafts enantioselectiva de indoles con enonas
Name of the conference: XXII Reunión Bienal de la Real Sociedad Española de Química
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Oviedo, Spain
Date of event: 2009
Organising entity: RSEQ
G. Blay; L. Cardona; I. Fernández; C. Vila; J. R. Pedro. "Libro de resúmenes, pag 84 (PG1-84)".

- 53 Title of the work:** Alquilación enantioselectiva de indoles con α -trifluorometil enonas catalizada por complejos de Binol-Zr(IV)
Name of the conference: XXII Reunion Bienal de Química Orgánica (RSEQ)
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Tarragona, Spain
Date of event: 2008
Organising entity: RSEQ
Gonzalo Blay; Isabel Fernández; José R. Pedro; Carlos Vila. "Libro de resúmenes (CO-108)".

- 54 Title of the work:** Copper(II)-bis-(oxazoline)-catalyzed asymmetric Diels-Alder reaction with α -arylsulfonyl enones as dienophiles
Name of the conference: 20th International symposium on chirality (ISCD-20)
Type of event: Conference
Type of participation: 'Participatory - poster



City of event: Ginebra, Switzerland

Date of event: 2008

Santiago Barroso; Gonzalo Blay; Lina Al-Midfa; José R. Pedro. "Book of abstracts P-166, pag 212".

- 55 Title of the work:** Enantioselective zirconium-catalyzed Friedel-Crafts alkylation of pyrroles with trifluoromethyl ketones

Name of the conference: 20th International symposium on chirality (ISCD-20)

Type of event: Conference

Type of participation: 'Participatory - poster

City of event: Ginebra, Switzerland

Date of event: 2008

Gonzalo Blay; Isabel Fernández; José R. Pedro; Carlos Vila. "Book of abstracts P-169, pag 215".

- 56 Title of the work:** Primera adición altamente enantio- y diastereoselectiva de bromonitrometano a aldehídos catalizada por complejos de Cu(II) y ligandos de tipo aminopiridina

Name of the conference: XXII Reunion Bienal de Química Orgánica (RSEQ)

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: Tarragona, Spain

Date of event: 2008

Organising entity: RSEQ

Gonzalo Blay; Victor Hernández-Olmos; José R. Pedro. "Libro de resúmenes (CO-35)".

- 57 Title of the work:** Reacciones de Friedel-Crafts enantioselectivas de indoles y (E)-1,4-diaril-2-buten-1,4-dionas catalizadas por complejos de Hf(IV)-BINOL

Name of the conference: IV Reunión Químico-Orgánica del Mediterráneo (REQOMED IV)

Type of event: Conference

Type of participation: 'Participatory - poster

City of event: Girona, Spain

Date of event: 2008

Organising entity: Universitat de Girona

Gonzalo Blay; Isabel Fernández; Alicia Monleón; Carlos Vila; José R. Pedro. "Libro de Resúmenes P-12".

- 58 Title of the work:** Adición enantioselectiva de nitrometano a α -cetoésteres catalizada por complejos de Cu(II) con ligandos de tipo iminopiridina.

Name of the conference: XXXI Reunión Bienal de la Real Sociedad Española de Química

Type of event: Conference

Type of participation: 'Participatory - poster

City of event: Toledo, Spain

Date of event: 2007

Organising entity: RSEQ

Gonzalo Blay; Victor Hernández-Olmos; José Ramón Pedro. "Libro de resúmenes G1-P15".

- 59 Title of the work:** Alquilación de Friedel-Crafts enantioselectiva de pirroles con enonas catalizada por complejos Zr(IV)-BINOL

Name of the conference: XXXI Reunión Bienal de la Real Sociedad Española de Química

Type of event: Conference

Type of participation: 'Participatory - poster

City of event: Toledo, Spain

Date of event: 2007

Organising entity: RSEQ



Gonzalo Blay; Isabel Fernández; José Ramón Pedro; Carlos Vila. "Libro de resúmenes G1-P18".

- 60 Title of the work:** C1-Symmetric N,N-ligands in the highly enantioselective copper(II)-catalyzed Henry reaction

Name of the conference: II Spanish-Moroccan Symposium on Organic Chemistry

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: Torremolinos, Spain

Date of event: 2007

Gonzalo Blay; Victor Hernández-Olmos; José R. Pedro. "Book of Abstracts (OC-16), pag 66".

- 61 Title of the work:** Catálisis enantioselectiva en reacciones de hetero-Diels-Alder con N-óxidos de 2-alquenoil piridinas como heterodienos bidentados

Name of the conference: XXXI Reunión Bienal de la Real Sociedad Española de Química

Type of event: Conference

Type of participation: 'Participatory - poster

City of event: Toledo, Spain

Date of event: 2007

Organising entity: RSEQ

Santiago Barroso; Gonzalo Blay; José R. Pedro. "Libro de resúmenes G1-P14".

- 62 Title of the work:** Indirect Synthesis of Biheteroaryls through the Friedel-Crafts Reaction of Indoles with 2-En-1,4-diones

Name of the conference: II Spanish-Moroccan Symposium on Organic Chemistry

Type of event: Conference

Type of participation: 'Participatory - poster

City of event: Torremolinos, Spain

Date of event: 2007

Gonzalo Blay; Isabel Fernández; Alicia Monleón; José R. Pedro; Carlos Vila. "Book of Abstracts (PO-58) pag 128".

- 63 Title of the work:** Síntesis enantioselectiva de amidas propargílicas catalizada por complejos de binol-cinc

Name of the conference: XXXI Reunión Bienal de la Real Sociedad Española de Química

Type of event: Conference

Type of participation: 'Participatory - poster

City of event: Toledo, Spain

Date of event: 2007

Organising entity: RSEQ

Gonzalo Blay; Luz Cardona; Estela Climent; José R. Pedro. "Libro de resúmenes G1-P17".

- 64 Title of the work:** Adición enantioselectiva de reactivos organometálicos de zinc a compuestos carbonílicos asistida por ligandos de tipo mandelamida

Name of the conference: XXI Reunion Bienal de Química Orgánica de la RSEQ

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: Valladolid, Spain

Date of event: 2006

Organising entity: RSEQ

G. Blay; I. Fernández; A. Marco-Aleixandre; J. R. Pedro. "Libro de Resúmenes C-39".



- 65** **Title of the work:** Bis(oxazoline) lewis acid catalyzed aldol reactions of pyridine N-oxide aldehydes. Synthesis of optically active 2-(1-hydroxyalkyl)pyridine derivatives: Development, scope, and total synthesis of an indolizine alkaloid
Name of the conference: IX Spring Meeting of Synthetic Chemistry. Association of the Finnish Chemical Societies.
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Kuopio, Finland
Date of event: 2006
Organising entity: Finnish Chemical Societies
Anna Minkkilä; Aitor Landa; Gonzalo Blay; Karl Anker Jørgensen. "Book of Abstracts O7".
- 66** **Title of the work:** Enantioselective Friedel-Crafts Alkylations of Indoles with Simple Enones Catalyzed by Zirconium(IV) - BINOL Complexes
Name of the conference: 4th Spanish, Portuguese, Japanese Organic Chemistry Symposium
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Santiago de Compostela, Spain
Date of event: 2006
Organising entity: RSEQ
Gonzalo Blay; Isabel Fernández; José R. Pedro; Carlos Vila. "Book of Abstracts, PO-104".
- 67** **Title of the work:** Modular Iminopyridine Ligands. Application to the Enantioselective Copper (II)-Catalyzed Henry Reaction
Name of the conference: 4th Spanish, Portuguese, Japanese Organic Chemistry Symposium
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Santiago de Compostela, Spain
Date of event: 2006
Organising entity: RSEQ
Gonzalo Blay; Estela Climent; Isabel Fernández; Víctor Hernández-Olmos; José R. Pedro. "PO-39".
- 68** **Title of the work:** Síntesis de hidroxioxazolinas derivadas del ácido cetopínico y aplicación en la reacción de Diels-Alder enantioselectiva
Name of the conference: III Reunión de Química Orgánica del Mediterraneo (REQOMED)
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Castellón de la Plana, Spain
Date of event: 2006
Organising entity: Universitat Jaume I
Santiago Barroso; Gonzalo Blay; José R. Pedro. "Libro de resúmenes P-22".
- 69** **Title of the work:** Síntesis enantioselectiva de (S)-3-hidroxi-3-fenil-3,4-dihidroquinolein-2(1H)-onas a partir de ácido mandélico
Name of the conference: III Reunión de Química Orgánica del Mediterraneo (REQOMED)
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Castellón de la Plana, Spain
Date of event: 2006
Organising entity: Universitat Jaume I
Gonzalo Blay; Luz Cardona; Isabel Fernández; Lucas Torres; José R. Pedro. "Libro de resúmenes P-23".



- 70** **Title of the work:** Adición enantioselectiva de dimetilzinc a α -cetoésteres asistida por ligandos de tipo mandelamida
Name of the conference: XXX Reunión Bienal de la RSEQ
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Lugo, Spain
Date of event: 2005
Organising entity: RSEQ
Gonzalo Blay; Isabel Fernández; Alicia Marco-Aleixandre; José R. Pedro. "Libro de Resúmenes GI-QO-CP50".
- 71** **Title of the work:** Síntesis de nuevos ligandos quirales a partir del ácido cetopínico
Name of the conference: XXX Reunión Bienal de la RSEQ
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Lugo, Spain
Date of event: 2005
Organising entity: RSEQ
Santiago Barroso; Gonzalo Blay; José R. Pedro. "Libro de Resúmenes GI-QO-CO4".
- 72** **Title of the work:** A concise, regio- and enantioselective synthesis of (R)-3-hydroxy-3-phenyloxindoles
Name of the conference: V Spanish Italian Symposium on Organic Chemistry (SISOC)
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Santiago de Compostela, Spain
Date of event: 2004
Organising entity: RSEQ-SCI
Santiago Barroso; Gonzalo Blay; Begoña García; Isabel Fernández; José R. Pedro. "Book of Abstracts PO-83".
- 73** **Title of the work:** Adición enantioselectiva de dialquilzinc a aldehidos asistida por ligandos de tipo mandelamida
Name of the conference: II Reunión de Químico-Orgànica del Mediterraneo
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Almeria, Spain
Date of event: 2004
Organising entity: Universidad de Almeria
Gonzalo Blay; Carlos Carrascosa; Victor Hernández; Isabel Fernández; Alicia Marco; José R. Pedro. "Libro de Resúmenes P-35".
- 74** **Title of the work:** Aerobic oxidative cleavage of 1,2-diols by a new Mn(III)opba complex
Name of the conference: 1 Congreso Marroquí-Español de Química Orgànica
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Marrakech, Morocco
Date of event: 2004
Santiago Barroso; Gonzalo Blay; Isabel Fernández; M. Carmen Muñoz; José R. Pedro; Rafael Ruiz-García. "Libro de resúmenes A-165".



- 75** **Title of the work:** Diastereoselective Michael addition of (S)-mandelic acid enolate to 2-arylidene-1,3-diketones
Name of the conference: 1 Congreso Marroquí-Español de Química Orgánica
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Marrakech, Morocco
Date of event: 2004
Gonzalo Blay; Isabel Fernández; Eva Molina; M. Carmen Muñoz; José R. Pedro. "Libro de resúmenes A-166".
- 76** **Title of the work:** Novel 2-pyrone synthesis via Michael addition of mandelic acid enolate to trans-1,2-diaroylethenes
Name of the conference: VI International Symposium on Carbanion Chemistry. (ISCC)
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Alicante, Spain
Date of event: 2004
Santiago Barroso; Gonzalo Blay; Isabel Fernández; José R. Pedro. "Book of Abstracts, P-7".
- 77** **Title of the work:** Adición Enantioselectiva de Dietilzinc a Aldehidos Aromáticos asistida por Ligandos de Tipo Bis-Hidroxiamida.
Name of the conference: XXIX Reunión Bienal de la Real Sociedad Española de Química
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Madrid, Spain
Date of event: 2003
Organising entity: RSEQ
Gonzalo Blay; Isabel Fernández; Alícia Marco-Aleixandre; José R. Pedro; Rafael Ruiz-García. "Libro de Resúmenes S1PO64".
- 78** **Title of the work:** Enantioselective Synthesis of Natural 1 α H,7 α H,10 α H- and 1 β H,7 α H,10 β H-Guaia- Δ 4(5),11(12)-dien-3-ones and related compounds. Revision of the structure of aciphyllene
Name of the conference: XIII European Symposium on Organic Chemistry (ESOC)
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Dubrovnik, Croatia
Date of event: 2003
Gonzalo Blay; Begoña García; Eva Molina; José R. Pedro. "Book of Abstracts PII-87".
- 79** **Title of the work:** Síntesis Enantioselectiva de Benzoinas a partir del Ácido (S)-Mandélico. Equivalente Sintético de Anión Benzoílo Quiral a través de una Descarboxilación Oxidativa de α -Hidroxiaácidos
Name of the conference: XXIX Reunión Bienal de la Real Sociedad Española de Química
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Madrid, Spain
Date of event: 2003
Organising entity: RSEQ
Gonzalo Blay; Isabel Fernández; Belén Monje; José R. Pedro; Rafael Ruiz-García. "Libro de Resúmenes S1PO66".



- 80** **Title of the work:** Descarboxilación Oxidativa Aeróbica Catalítica de α -Trifluorometil- α -hidroxiácidos a trifluorometil cetonas
Name of the conference: I Reunión Químico-Orgánica del Mediterraneo
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Alicante, Spain
Date of event: 2002
Organising entity: Universitat d'Alacant
G. Blay; I. Fernández; A. Marco-Aleixandre; B. Monje; J.R. Pedro; R. Ruiz."Libro de Resúmenes P-3".
- 81** **Title of the work:** Long-range magnetic exchange coupling through spin polarization in dinuclear copper (II) metallocyclophanes
Name of the conference: VIIIth International Conference on Molecule-based Magnets, ICMM
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Valencia, Spain
Date of event: 2002
E. Pardo; J. Faus; M. Julve; F. Lloret; G. Blay; R. Ruiz; M.C. Pardo; J. Cano; X. Ottenwaaelder; Y. Journaux."Book of abstracts A-34".
- 82** **Title of the work:** Síntesis Enantioselectiva de α -Hidroxi- γ -lactamas Mediante una Adición de Michael Diastereoselectiva a Nitroalquenos
Name of the conference: I Reunión Químico-Orgánica del Mediterraneo
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Alicante, Spain
Date of event: 2002
Organising entity: Universitat d'Alacant
G. Blay; I. Fernández; B. Monje; J.R. Pedro; R. Ruiz."Libro de Resúmenes P-7".
- 83** **Title of the work:** Síntesis de (-)-(1S, 2S)-Clavukerina A a partir de (+)-Dihidrocarvona
Name of the conference: I Reunión Químico-Orgánica del Mediterraneo
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Alicante, Spain
Date of event: 2002
Organising entity: Universitat d'Alacant
G. Blay; B. García; E. Molina; J.R. Pedro."Libro de Resúmenes P-12".
- 84** **Title of the work:** Transposiciones de eudesmanos guiadas por silicio. Aplicación a la síntesis de eremofilanos y sesquiterpenos espiránicos
Name of the conference: II Seminario Iberoamericano sobre química de terpenoides y reunión del proyecto IV.
Type of event: Conference
Type of participation: Participatory - invited/keynote talk
City of event: Iquito, Chile
Date of event: 2002
G. Blay; L. Cardona; A. Collado; B. García; J. R. Pedro. "Libro de Resúmenes P-2".
- 85** **Title of the work:** Alkane Oxidation by Dinuclear Manganese Oxamate Complexes: Mimicking the Active Site of Mn Ribonucleotide Reductase
Name of the conference: XII European Symposium on Organic Chemistry (ESOC)



Type of event: Conference

Type of participation: 'Participatory - poster

City of event: Groningen, Holland

Date of event: 2001

G. Blay; I. Fernández; T. Giménez; J.R. Pedro; R. Ruiz; F. Lloret; E. Pardo; M.C. Muñoz. "Book of Abstracts P2-24".

- 86 Title of the work:** Catalytic Aerobic Oxidative Decarboxylation of α -Hydroxyacids. Nucleophilic acylation Using α -Hydroxy Acids Derivatives as Masked Umpoled Synthons

Name of the conference: XII European Symposium on Organic Chemistry (ESOC)

Type of event: Conference

Type of participation: 'Participatory - poster

City of event: Groningen, Holland

Date of event: 2001

G. Blay; I. Fernández; B. Monje; R. Ruiz; J.R. Pedro. "Book of Abstracts P2-26".

- 87 Title of the work:** Silicon Guided Rearrangement of Eudesmanes to Spirocyclic Sesquiterpenes. Application to the Synthesis of (-)-Gleenol

Name of the conference: XII European Symposium on Organic Chemistry (ESOC)

Type of event: Conference

Type of participation: 'Participatory - poster

City of event: Groningen, Holland

Date of event: 2001

G. Blay; L. Cardona; A. Collado; B. García; J. R. Pedro. "Book of Abstracts P2-25".

- 88 Title of the work:** Enantioselective synthesis of alismoxide and 4-epi-alismoxide from (+)-dihydrocarvone

Name of the conference: 3th Spanish Italian Symposium on Organic Chemistry

Type of event: Conference

Type of participation: 'Participatory - poster

City of event: Benalmadena, Spain

Date of event: 2000

Organising entity: RSEQ-SCI

G. Blay; L. Cardona; B. García; E. Molina; J.R. Pedro. "Book of Abstracts P-B56 pag 133".

- 89 Title of the work:** Nucleophilic benzoylation using mandelic acid derivatives as masked umpoled synthon. Oxidative decarboxylation of α -hydroxyacids

Name of the conference: 3th Spanish Italian Symposium on Organic Chemistry

Type of event: Conference

Type of participation: 'Participatory - poster

City of event: Benalmadena, Spain

Date of event: 2000

Organising entity: RSEQ-SCI

G. Blay; I. Fernández; P. Formentin; B. Monje; R. Ruiz; J.R. Pedro. "Book of Abstracts P-A20 pag 96".

- 90 Title of the work:** Silicon guided rearrangement of eudesmanes to eremophilanes. Synthesis of aristolochene from carvone.

Name of the conference: 3th Spanish Italian Symposium on Organic Chemistry

Type of event: Conference

Type of participation: 'Participatory - poster

City of event: Benalmadena, Spain

Date of event: 2000

**Organising entity:** RSEQ-SCI

G. Blay; L. Cardona; A. Collado; B. García; V. Morcillo; J. R. Pedro. "Book of Abstracts P-B40 pag 117".

- 91 Title of the work:** Silicon guided rearrangement of eudesmanes to spirovetivanes. Synthesis of anhidro- β -rotunol

Name of the conference: 3th Spanish Italian Symposium on Organic Chemistry

Type of event: Conference

Type of participation: 'Participatory - poster

City of event: Benalmadena, Spain

Date of event: 2000

Organising entity: RSEQ-SCI

G. Blay; L. Cardona; A. Collado; B. García; V. Morcillo; J.R. Pedro. "Book of Abstracts P-B57 pag 134".

- 92 Title of the work:** Synthesis of 3-oxaguaianolides from santonin

Name of the conference: 16ª Conferencia de Química

Type of event: Conference

Type of participation: 'Participatory - poster

City of event: Santiago de Cuba, Cuba

Date of event: 1999

G. Blay; L. Cardona; B. García; L. Lahoz; B. Monje; J.R. Pedro. "Revista Cubana de Química Vol XI, 1999, QP-P35".

- 93 Title of the work:** Synthetic efforts towards 2,3-seco-aromadendrane sesquiterpenoids isolated from Plagiochila species

Name of the conference: 11th European Symposium on Organic Chemistry (ESOC)

Type of event: Conference

Type of participation: 'Participatory - poster

City of event: Goteborg, Sweden

Date of event: 1999

G. Blay; L. Cardona; B. García; L. Lahoz; J.R. Pedro. "Book of Abstracts P93".

- 94 Title of the work:** Synthesis of 8,12-guaianolides from santonin

Name of the conference: Tenth European Symposium on Organic Chemistry (ESOC)

Type of event: Conference

Type of participation: 'Participatory - poster

City of event: Basilea, Switzerland

Date of event: 1997

V. Bargues; G. Blay; L. Cardona; B. García; J.R. Pedro. "Book of abstracts".

- 95 Title of the work:** Síntesis de 6,12- y 8,12-guaianolidos a partir de santonina

Name of the conference: 26ª Reunión Bienal R.S.E.Q.

Type of event: Conference

Type of participation: 'Participatory - poster

City of event: Cádiz, Spain

Date of event: 1997

Organising entity: RSEQ

V. Bargues; G. Blay; L. Cardona; A. Collado; B. García; J.R. Pedro. "Libro de Resúmenes Vol II 10S-38 pag 1045-1046".



- 96** **Title of the work:** Síntesis de una bis-lactona aislada de Artemisia judaica a partir de santonina
Name of the conference: 26ª Reunión Bienal R.S.E.Q.
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Cádiz, Spain
Date of event: 1997
Organising entity: RSEQ
G. Blay; L. Cardona; B. García; L. Lahoz; J.R. Pedro. "Libro de Resúmenes Vol II 10S-39 pag 1047-1048".
- 97** **Title of the work:** Modificaciones en el anillo A en el Esqueleto de Eudesmano Dirigidas a la Síntesis de Sesquiterpenos Oxacíclicos
Name of the conference: IX Jornadas Hispano-Francesas de Química Orgánica
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Aspet, France
Date of event: 1996
Organising entity: RSEQ-SFC
G. Blay; L. Cardona; B. García; L. Lahoz; J.R. Pedro. "Book of abstracts".
- 98** **Title of the work:** Síntesis de Guaianolidos Hidroxilados en el anillo A a partir de Santonina
Name of the conference: IX Jornadas Hispano-Francesas de Química Orgánica
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Aspet, France
Date of event: 1996
Organising entity: RSEQ-SFC
V. Bagues; G. Blay; L. Cardona; B. García; J.R. Pedro. "Book of abstracts".
- 99** **Title of the work:** Amidoderivatives of Sesquiterpene Lactones as Intermediates in the Synthesis of Natural Products
Name of the conference: First European Symposium of the European Chemical Society (Organic Chemistry Division)
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Louvain-La Neuve, Belgium
Date of event: 1995
Organising entity: Euchems
G. Blay; L. Cardona; B. García; C.L. García; J.R. Pedro. "Book of Abstracts".
- 100** **Title of the work:** Synthesis of 8,12-furanoeudesmanes from santonin
Name of the conference: IXth European Symposium on Organic Chemistry (ESOC)
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Varsovia, Poland
Date of event: 1995
G. Blay; L. Cardona; B. García; J.R. Pedro; J.J. Sánchez. "Book of Abstracts PA 15 pag 84".
- 101** **Title of the work:** Ultrasound Assisted Reductive Cleavage of Sesquiterpene γ -enonelactones
Name of the conference: First European Symposium of the European Chemical Society (Organic Chemistry Division)
Type of event: Conference



Type of participation: 'Participatory - poster

City of event: Louvain-La Neuve, Belgium

Date of event: 1995

Organising entity: Euchems

V. BARGUES; G. BLAY; L. CARDONA; B. GARCÍA; J.R. PEDRO. "Book of Abstracts".

102 Title of the work: Ring-Opening Aminolysis Reaction of Sesquiterpene Lactones

Name of the conference: VIIIth European Symposium on Organic Chemistry (ESOC)

Type of event: Conference

Type of participation: 'Participatory - poster

City of event: Sitges (Barcelona), Spain

Date of event: 1993

G. Blay; L. Cardona; B. García; C.L. García; J.R. Pedro. "Book of Abstracts MP-57 pag 104".

103 Title of the work: Functionality transfer from C8 to C9 in sesquiterpenes

Name of the conference: 18th IUPAC Symposium on the Chemistry of Natural Products

Type of event: Conference

Type of participation: 'Participatory - poster

City of event: Estrasburgo, France

Date of event: 1992

G. Blay; L. Cardona; B. García; J.R. Pedro. "Book of Abstracts".

104 Title of the work: Síntesis de sesquiterpenos funcionalizados en C6 o C8 a partir de santonina

Name of the conference: XXIV Reunión Bienal de la Real Sociedad de Química

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: Torremolinos (Málaga), Spain

Date of event: 1992

Organising entity: RSEQ

G. Blay; L. Cardona; B. García; J.E. Giménez; J.R. Pedro; D. Ruiz; A. Serrano. "Libro de Resúmenes 25-O-8 pag 720".

105 Title of the work: Transferencia de funcionalidad de C6 a C8 en sesquiterpenos. Síntesis de 8-epiivangustinas, isoalantolactonas y atractilon

Name of the conference: 1ª Reunión Hispano-Italiana de Química Orgánica

Type of event: Conference

Type of participation: 'Participatory - poster

City of event: Valencia, Spain

Date of event: 1992

Organising entity: RSEQ-SCI

G. Blay; L. Cardona; B. García; J.R. Pedro; D. Ruiz; A. Serrano. "Libro de Resúmenes P-1-32".

106 Title of the work: Transferencia de funcionalidad de C8 a C9 en eudesmanólidos

Name of the conference: VI Jornadas de Química Orgánica

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: Murcia, Spain

Date of event: 1992

G. Blay; L. Cardona; B. García; J.R. Pedro. "Libro de Resúmenes pag 52-53".



- 107** **Title of the work:** Functionalty transfer fro C6 to C8 in Sesquiterpenes. Synthesis of 8,12-eudesmanolides from santonin
Name of the conference: Seventh European Symposium on Organic Chemistry (ESOC)
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Namur, Belgium
Date of event: 1991
G. Blay; L. Cardona; B. García; J.R. Pedro. "Book of Abstracts pag 111".
- 108** **Title of the work:** Síntesis de 8,12-elemanólidos a partir de artemisina
Name of the conference: XXII Reunión Bienal de la R.S.E.Q.
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Murcia, Spain
Date of event: 1988
Organising entity: RSEQ
G. Blay; I Fernández; B. García; J.R. Pedro. "Libro de Resúmenes 23-P67 pag 435".

R&D management and participation in scientific committees

Organization of R&D activities

Title of the activity: New Perspectives in Asymmetric and Organometallic Synthesis VI (Prometeo/ISIC)
Type of activity: Comité Organizador
City of event: Valencia,
Convening entity: Universitat de València
Start-End date: 05/11/2015 - 05/11/2015 **Duration:** 1 day

Other achievements

Stays in public or private R&D centres

- 1** **Entity:** Center for Catalysis-Department of Chemistry. University of Aarhus
City of entity: Aarhus, Denmark
Start date: 2005 **Duration:** 6 months
Goals of the stay: Guest
Provable tasks: Catalisis asimétrica
- 2** **Entity:** Wageningen Agricultural University-Department of Organic Chemistry
City of entity: Wageningen, Holland
Start date: 1993 **Duration:** 12 months
Goals of the stay: Post-doctoral
Provable tasks: Sintesis estereoselectiva de productos biológicamente activos



Obtained grants and scholarships

- 1** **Name of the grant:** Beca post-doctoral Marie Curie del Programa de Capital Humano y Movilidad (ERBCHBICT 930412). Comisión de las Comunidades Europeas
Conferral date: 01/09/1993 **Duration:** 1 year
- 2** **Name of the grant:** Beca para la realización de Proyectos de Investigación conducentes al Grado de Doctor. Conselleria de Cultura, Investigació i Ciència
Conferral date: 01/09/1988 **Duration:** 4 years

Scientific societies and professional associations

- 1** **Name of the society:** American Chemical Society
City affiliation entity: United States of America
Start date: 26/11/2008
- 2** **Name of the society:** Real Sociedad Española de Química
City affiliation entity: Spain
Start date: 02/03/2002
- 3** **Name of the society:** Asociación de Químicos de la Comunidad Valenciana n. 1655 A
Affiliation entity: Colegio de Químicos de la Comunidad Valenciana
City affiliation entity: Valencian Community, Spain
Start date: 1988

Summary of other achievements

- 1** **Description of the achievement:** Tramos de Docencia (quinquienios): Evaluación de la actividad docente. Reconocimiento de componente por méritos docentes. Tramo 6.
Conferral date: 01/01/2018
- 2** **Description of the achievement:** Asistencia a Reuniones Científicas (sin Presentación ni publicación): 6-Jornadas de la red de catálisis asimétrica (CASI)
Accrediting entity: Universitat de les Illes Balears-MINECO
Conferral date: 06/10/2016
- 3** **Description of the achievement:** Tramos de Docencia (quinquienios): Evaluación de la actividad docente. Reconocimiento de componente por méritos docentes. Tramo 5.
Conferral date: 01/01/2008
- 4** **Description of the achievement:** Tramos de Investigación (sexenios): Evaluación de la Comisión Nacional Evaluadora de la Actividad Investigadora. Tramo 4.
Conferral date: 01/01/2007
- 5** **Description of the achievement:** Colaboración con Centros de Investigación: Investigador Invitado Profesor Karl Anker Jorgensen
Accrediting entity: Center for Catalysis, University of Aarhus (Dinamarca)
Conferral date: 01/03/2005



- 6** **Description of the achievement:** Tramos de Docencia (quinquenos): Evaluación de componentes por meritos docentes. Tramo 4
Conferral date: 01/01/2003
- 7** **Description of the achievement:** Tramos de Investigación (sexenios): Evaluación de la Comisión Nacional Evaluadora de la Actividad Investigadora. Tramo 3.
Conferral date: 2001
- 8** **Description of the achievement:** Asistencia a Reuniones Científicas (sin Presentación ni publicación): First European Catalysis Symposium.
Conferral date: 1999
- 9** **Description of the achievement:** Asistencia a Reuniones Científicas (sin Presentación ni publicación): Speciality Chemicals for the 21th Century. Intermediary products-Cosmetics and Perfumes-Medicinal Applications. ADEME/ IENICA International Seminar. Sophia-Antipolis Ademe Center. Valbonne-France
Conferral date: 1999
- 10** **Description of the achievement:** Tramos de Docencia (quinquenos): Evaluación de componentes por meritos docentes. Tramo 3
Conferral date: 01/01/1998
- 11** **Description of the achievement:** Líneas de investigación: Complejos de metales de transición en síntesis orgánica; 1998 --
Accrediting entity: Departament de Química Orgànica-Universitat de València
Conferral date: 1998
- 12** **Description of the achievement:** Tramos de Investigación (sexenios): Evaluación de la Comisión Nacional Evaluadora de la Actividad Investigadora. Tramo 2.
Conferral date: 1995
- 13** **Description of the achievement:** Colaboración con Centros de Investigación: Investigador post-doctoral, Profesor Aede de Groot
Accrediting entity: Department of Organic Chemistry, Agricultural University of Wageningen (Holanda)
Conferral date: 01/09/1993
- 14** **Description of the achievement:** Tramos de Investigación (sexenios): Evaluación de la Comisión Nacional Evaluadora de la Actividad Investigadora. Tramo 1.
Conferral date: 1989
- 15** **Description of the achievement:** Tramos de Docencia (quinquenos): Evaluación de componentes por meritos docentes. Tramos 1 y 2
Conferral date: 11/01/1988
- 16** **Description of the achievement:** Líneas de investigación: Síntesi estereoselectiva de productos naturales (sesquiterpenos); 1987 -- 2004
Accrediting entity: Departament de Química Orgànica-Universitat de València
Conferral date: 1987
- 17** **Description of the achievement:** Director de proyecto de innovación docente
Nombre del grupo: Audiovisual Orgànica
Código: 13/DT/04/2010



Título del proyecto: Producción de video-tutoriales para el laboratorio de Química Orgánica

Tipo de Proyecto: DocenTIC

Personas que forman parte del proyecto: Gonzalo Blay Llinares, Pablo Gaviña Costero, Carlos del Pozo Losada, Luz Cardona Prosper, Isabel Fernández Picot, Luis Ramón Domingo Asensi, Pedro Miguel Palanca Alandes.

Financiación: 3179 euros

18 Description of the achievement: Investigador Invitado

University of Aarhus (Dinamarca)

Professor Karl Anker Jorgensen

1 de Marzo 2005 a 31 de Agosto de 2005

Investigador post-doctoral

Agricultural University of Wageningen (Dinamarca)

Professor Aede de Groot

1 de Septiembre de 1993 a 31 de Agosto de 1994