



Màrius Tarrés Schüler

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Date of document: 15/01/2019

v 1.4.0

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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 obtained my Ph.D. in Chemistry (**CumLaude**) in November 2014, under the supervision of Prof. Dr. Francesc Teixidor, at the Inorganic Synthesis & Catalysis group at ICMAB-CSIC. My thesis has been awarded as the **Best Doctoral Thesis in Chemistry written in Catalan from the last 3 years (2012-2014)**, given by the Institute of Catalan Studies (IEC). After my two Postdoctoral experiences as an independent researcher at the **Strathclyde University** (Glasgow) and the **Universitat de Girona**, I move to the **private industry**, where I found new challenges and opportunities to develop my current skills.

Mainly, my experience as a chemical researcher has been focused on the **synthesis, purification and characterization** of new materials/compounds with several electrochemical, catalytical and medical properties. In order to obtain all those compounds, I have carried out many synthetic strategies involving the use of typical organic reactions. My technical abilities within a chemistry laboratory include working with air-sensitive compounds by Glove Box and Schlenk techniques (vacuum-nitrogen lines), purification of products (by column chromatography, TLC, recrystallization, sublimation, etc.) and interpretation of spectroscopic data, mainly by NMR, FT-IR, UV-Vis and Fluorescence. I am also very familiar with other techniques like Mass Spectrometry (MALDI-TOF and ESI MS), HPLC, Gas Chromatography, GC-MS, TGA, Cryo-TEM, DLS, GC, Elemental Analysis, photochemical reactions and X-ray diffraction. During my stay at the **Università degli Studi di Siena**, I specialized in several useful electrochemical techniques, like Cyclic Voltammetry, Square Wave Voltammetry and Electrolysis. In addition, while I was at the **Cardiff University** I used to work under sterile conditions following the typical protocols of molecular biology. Moreover, during my stay at the **Strathclyde University** in Glasgow, I focused on the design of extremely air-sensitive mixed-metal reagents for organometallic catalytic applications. After, during my latest Postdoc at the **Universitat de Girona** I got specialized in C-H activation reactions, using first row Transition Metals and a plethora of synthetic procedures, studying the catalytical properties and the mechanistic insights of those transformations. All these experiences led to the publication of 10 peer-reviewed articles and the filing of 3 patents. At **Astrea Materials S.L.** I was the **R&D and Quality Control Manager**, responsible of the experimental design and quality test done to all the nanomaterials produced by the company, based on gold nanoparticles for air purification and pollutant removal. At **Scharlab S.L.**, as a **Product Manager**, I am responsible for developing and implementing the marketing plan, conducting market studies, the analysis and monitoring of sales, the creation of leaflets and brochures, and both internal and external communications.

I am a **dynamic, hard-working** and **very methodical** person, with experience **teaching/leading people**. I am also used to work within **multicultural and multi disciplinary teams**. Likewise, I have acquired good training in keeping record documents, planning and



implementing the appropriate procedures. I have learned how important **organization** and **tidiness** is to reach the planned targets. My research skills have improved, and this allows me to plan out the reactions I need on a realistic timescale. I also have experience **writing articles**, **preparing presentations** and **organizing scientific meetings**.

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.

Those are the **General Quality Indicators** of my scientific production (**2014-2018**):

- h index: 6
- Number of publications: 10
 - * 1 Chemical Communications (Impact Factor 2017: 6.290)
 - * 2 Chemistry - A European Journal (Impact Factor 2017: 5.160)
 - * 1 Scientific Reports (Impact Factor 2017: 4.122)
 - * 2 Dalton Transactions (Impact Factor 2017: 4.099)
 - * 1 Chemical Reviews (Impact Factor 2017: 52.613)
 - * 1 New Journal of Chemistry (Impact Factor 2017: 3.201)
 - * 1 ACS Applied Materials and Interfaces (Impact Factor 2017: 8.097)
 - * 1 ACS Catalysis (Impact Factor 2017: 11.384)
- Publications/year: 2
- Number of citings: 170
- Citings/year: 34
- Citings/article: 17
- Filed patents: 3



Màrius Tarrés Schüler

Surname(s): **Tarrés Schüler**
Name: **Màrius**
ORCID: **0000-0002-4080-8261**
ResearcherID: **B-4267-2016**

Current professional situation

Employing entity: Scharlab, S.L. **Type of entity:** Business
Professional category: Chemicals Product Manager
Start date: 15/01/2018
Type of contract: Permanent employment contract **Dedication regime:** Full time

Performed tasks: Dealing with the sales team, the internal helpdesk, customers, suppliers and the purchasing department among others. In this environment where so many players interact, cooperation and teamwork are of the utmost importance to achieve the desired results. I am responsible for developing and implementing the marketing plan, conducting market studies, the analysis and monitoring of sales, the creation of leaflets and brochures, and both internal and external communications.

Previous positions and activities

	Employing entity	Professional category	Start date
1	Astrea Materials, S.L.	R&D and QC Manager	02/05/2017
2	Universitat de Girona	Postdoctoral Research Associate	15/02/2016
3	Strathclyde University	Postdoctoral Research Associate	05/01/2015
4	Instituto de Ciencia de los Materiales de Barcelona	PhD Student	16/09/2010

1 **Employing entity:** Astrea Materials, S.L. **Type of entity:** Business
City employing entity: Sabadell, Catalonia, Spain
Professional category: R&D and QC Manager **Educational Management (Yes/No):** No
Start-End date: 02/05/2017 - 05/12/2017 **Duration:** 7 months - 3 days
Type of contract: Permanent employment contract
Dedication regime: Full time
Performed tasks: Development of novel gold-based nanomaterials for various industrial applications in the field of Chemistry, Nanotechnology, Catalysis and Chemical Engineering. Specialties: Cleantech, Nanotechnology, Nanomaterial production, Pollutant removal, CO oxidation.

2 **Employing entity:** Universitat de Girona **Type of entity:** University
Department: Chemistry, Institut de Química Computacional i Catàlisi
City employing entity: Girona, Catalonia, Spain
Educational Management (Yes/No): No

Professional category: Postdoctoral Research Associate

Start-End date: 15/02/2016 - 30/04/2017

Duration: 1 year - 2 months - 15 days

Type of contract: Temporary employment contract

Dedication regime: Full time

Primary (UNESCO code): 230300 - Inorganic chemistry; 230600 - Organic chemistry

Secondary (UNESCO code): 230316 - Inorganic reactions (mechanisms of); 230321 - Organo-metallic compounds; 230329 - Transition elements; 230615 - Reaction mechanics

Performed tasks: Fundamental mechanistic investigations for sustainable organic synthesis by activating small-molecule gases and inert C-H bonds through organometallic catalysed transformations, with first-row metals.

Identify key words: Organometallic chemistry; Chemistry of the elements of transition; Homogenous

Field of management activity: University

- 3** **Employing entity:** Strathclyde University **Type of entity:** University
Department: Pure and Applied Chemistry, Chemistry Department, Strathclyde University
City employing entity: Glasgow, South Western Scotland, United Kingdom
Professional category: Postdoctoral Research Associate **Educational Management (Yes/No):** No
Start-End date: 05/01/2015 - 21/05/2015 **Duration:** 4 months - 15 days
Type of contract: Temporary employment contract
Dedication regime: Full time
Primary (UNESCO code): 230300 - Inorganic chemistry
Secondary (UNESCO code): 230316 - Inorganic reactions (mechanisms of); 230318 - Metals; 230321 - Organo-metallic compounds; 230326 - Structure of Inorganic compounds; 230329 - Transition elements
Performed tasks: Design of extremely air-sensitive reagents for further transformations and cross-coupling reactions. Catalytic applications.
Field of management activity: University
- 4** **Employing entity:** Instituto de Ciencia de los Materiales de Barcelona **Type of entity:** State agency
Department: Inorganic Materials Laboratory, Instituto de Ciencia de los Materiales de Barcelona - CSIC
City employing entity: Cerdanyola del Vallès, Catalonia, Spain
Professional category: PhD Student **Educational Management (Yes/No):** No
Start-End date: 16/09/2010 - 15/09/2014 **Duration:** 4 years
Type of contract: Grant-assisted student (pre or post-doctoral, others)
Dedication regime: Full time
Primary (UNESCO code): 230300 - Inorganic chemistry; 230600 - Organic chemistry
Secondary (UNESCO code): 230304 - Boron compounds; 230316 - Inorganic reactions (mechanisms of); 230321 - Organo-metallic compounds; 230329 - Transition elements; 230607 - Carbonic chemistry
Performed tasks: Synthesis of novel boron-enriched materials. Study of its medical and electrochemical properties. Applications in catalysis.
Field of management activity: University



Education

University education

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

University degree: Higher degree

Name of qualification: Licenciado en Ciencias Químicas

Degree awarding entity: Universitat Autònoma de Barcelona **Type of entity:** University

Date of qualification: 15/07/2009

Doctorates

Doctorate programme: Doctor por la Universitat Autònoma de Barcelona dentro del Programa en Ciencias

Degree awarding entity: Universitat Autònoma de Barcelona **Type of entity:** University

Date of degree: 07/09/2014

Other postgraduate university studies

Postgraduate qualification: Máster en Ciencia y Tecnología Química

Degree awarding entity: Universitat Autònoma de Barcelona **Type of entity:** University

Faculty, institute or centre: Facultad de Ciencias

Date of qualification: 15/09/2010

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
Italian	A1	A1	A1	A1	A1
German	C1	B2	C1	C1	B1
English	C1	C1	C1	C1	C1
Catalan	C2	C2	C2	C2	C2
Spanish	C2	C2	C2	C2	C2



Teaching experience

Experience supervising doctoral thesis and/or final year projects

- 1 Project title:** Fundamental mechanistic investigations for sustainable organic synthesis by activating small molecule gases and inert C-H bonds with first-row metals
Entity: Ministerio de Ciencia e Innovación **Type of entity:** State agency
Student: Lorena Capdevila Güell
Date of reading: 2016
- 2 Project title:** Tailoring Mixed-Metal Chemistry for Frontier Synthetic and Catalytic Applications
Entity: European Research Council **Type of entity:** Public Research Body
Student: Marina Uzelac
Date of reading: 2015
- 3 Project title:** Boron based chemistry: expanding the possibilities of boron based molecules for their application in energy, medicine and molecular materials
Entity: Ministerio de Ciencia e Innovación **Type of entity:** Spanish Ministry of Science and Education
Student: Mireia Rius Marco
Date of reading: 2012

Scientific and technological experience

Research and development groups/teams

- 1 Name of the group:** Nanostructured Functional Materials
Aims of the group: Metal Supramolecular Chemistry in Catalysis
Type of collaboration: Co-authorship of publications
Affiliation entity: Catalan Institute of Nanoscience and Nanotechnology (ICN2) **Type of entity:** Public Research Body
Start date: 03/2016 **Duration:** 9 months
- 2 Name of the group:** Supramolecular NanoChemistry & Materials
Aims of the group: Molecular Organic Frameworks in Catalysis
Type of collaboration: Co-authorship of publications
Affiliation entity: Catalan Institute of Nanoscience and Nanotechnology (ICN2)
Start date: 01/2016 **Duration:** 12 months
- 3 Name of the group:** Institute of Separative Chemistry
Aims of the group: Study of the physico-chemical and supramolecular interactions of metallocarboranes
Type of collaboration: Co-authorship of publications
Affiliation entity: Institute of Separative Chemistry **Type of entity:** R&D Centre
Start date: 06/2013 **Duration:** 6 months



- 4** **Name of the group:** Inorganic Electrochemistry
Aims of the group: Study of the electrochemical properties of metallacarboranes
Type of collaboration: Co-authorship of publications
Affiliation entity: University of Siena **Type of entity:** University
Start date: 05/2013 **Duration:** 1 year
- 5** **Name of the group:** Department of Physical and Macromolecular Chemistry
Aims of the group: Study of the aggregation properties of metallacarbornes
Type of collaboration: Co-authorship of publications
Affiliation entity: Charles University in Prague **Type of entity:** University
Start date: 03/2012 **Duration:** 2 years
- 6** **Name of the group:** Molecular Cell Biology Research Group
Aims of the group: Study of the applications of metallacarboranes in Cell Biology
Type of collaboration: Co-authorship of publications
Affiliation entity: Cardiff University **Type of entity:** University
Start date: 11/2011 **Duration:** 2 years

Scientific or technological activities

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

- 1** **Name of the project:** Fundamental mechanistic investigations for sustainable organic synthesis by activating small molecule gases and inert C-H bonds with first-row metals
Entity where project took place: Universitat de Girona **Type of entity:** University
City of entity: Girona, Catalonia, Spain
Name principal investigator (PI, Co-PI....): Xavi Ribas; Anna Company
Funding entity or bodies: Ministerio de Ciencia e Innovación **Type of entity:** Spanish Ministry
City funding entity: Madrid, Community of Madrid, Spain
Start-End date: 01/01/2014 - 31/12/2016
Total amount: 163.350 €
- 2** **Name of the project:** Tailoring Mixed-Metal Chemistry for Frontier Synthetic and Catalytic Applications (MIXMETAPPS)
Entity where project took place: Strathclyde University **Type of entity:** University
City of entity: Glasgow, United Kingdom
Name principal investigator (PI, Co-PI....): Eva Hevia
Funding entity or bodies: European Research Council **Type of entity:** Public Research Body
Start-End date: 01/10/2011 - 30/09/2016
Total amount: 1.500.000 €
- 3** **Name of the project:** Boron based chemistry: expanding the possibilities of boron based molecules for their application in energy, medicine and molecular materials
Entity where project took place: Consejo Superior de Investigaciones Científicas **Type of entity:** State agency



City of entity: Bellaterra, Catalonia, Spain

Name principal investigator (PI, Co-PI....): Clara Viñas

Funding entity or bodies:

Ministerio de Ciencia e Innovación

Type of entity: Spanish Ministry

City funding entity: Madrid, Community of Madrid, Spain

Start-End date: 01/01/2011 - 31/12/2013

Total amount: 242.000 €

4 Name of the project: Quality Research Group

Entity where project took place: Consejo Superior de Investigaciones Científicas **Type of entity:** State agency

City of entity: Bellaterra, Catalonia, Spain

Name principal investigator (PI, Co-PI....): Francesc Teixidor

Funding entity or bodies:

Government of Catalonia

Type of entity: State agency

Start-End date: 01/01/2009 - 31/12/2013

Total amount: 66.560 €

5 Name of the project: ACtinide recycling by SEParation and Transmutation (ASEPT FP7-211267)

Entity where project took place: Consejo Superior de Investigaciones Científicas **Type of entity:** State agency

City of entity: Bellaterra, Catalonia, Spain

Name principal investigator (PI, Co-PI....): Francesc Teixidor

Funding entity or bodies:

European Commission

Type of entity: Public Research Body

Start-End date: 01/10/2008 - 30/09/2012

Total amount: 130.000 €

Results

Industrial and intellectual property

1 Title registered industrial property: Metallabisdicarbollides Therapeutics

Inventors/authors/obtainers: Màrius Tarrés; Clara Viñas; Francesc Teixidor; Adrian Harwood

Entity holder of rights: Cardiff University and ICMAB-CSIC

Nº of application: GB1410832.8

Country of inscription: United Kingdom, East Wales

Date of register: 2014

Conferral date: 2014

Operating aut.region/region: Spain

2 Title registered industrial property: Cell Storage

Inventors/authors/obtainers: Màrius Tarrés; Clara Viñas; Francesc Teixidor; Adrian Harwood

Entity holder of rights: Cardiff University and ICMAB-CSIC

Nº of application: GB1306048.8

Country of inscription: United Kingdom, East Wales

Date of register: 2013

Conferral date: 2013



Operating aut.region/region: Spain

3 Title registered industrial property: Uses as Medicaments for Treatment of Cancer and Amoeboid Infection

Inventors/authors/obtainers: Màrius Tarrés; Clara Viñas; Francesc Teixidor; Adrian Harwood

Entity holder of rights: Cardiff University and ICMAB-CSIC

N° of application: GB1306047.0

Country of inscription: United Kingdom, East Wales

Date of register: 2013

Conferral date: 2013

Operating aut.region/region: Spain

Scientific and technological activities

Scientific production

Publications, scientific and technical documents

- 1** Civan Avci; Amarali Yazdi; Màrius Tarrés; Elise Bernoud; Neus Bastús; Victor Puentes; Inhar Imaz; Xavi Ribas; Daniel Maspocho. Sequential Deconstruction–Reconstruction of Metal–Organic Frameworks: An Alternative Strategy for Synthesizing (Multi)-Layered ZIF Composites. ACS Applied Materials and Interfaces. 10, pp. 23952 - 23960. American Chemical Society, 2018.

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

Corresponding author: No
- 2** Lorena Capdevila; Erik Andris; Anamarija Bris; Màrius Tarrés; Steven Roldán Gómez; Jana Roithová; Xavi Ribas. Silver(I)-Catalyzed C–X, C–C, C–N, and C–O Cross-Couplings Using Aminoquinoline Directing Group via Elusive Aryl–Ag(III) Species. ACS Catalysis. 8, pp. 10430 - 10436. American Chemical Society, 2018.

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

Corresponding author: No
- 3** Rosario Núñez; Màrius Tarrés; Albert Ferrer Ugalde; Fabrizia Fabrizi de Biani; Francesc Teixidor. Electrochemistry and Photoluminescence of Icosahedral Carboranes, Boranes, Metallocarboranes, and Their Derivatives. Chemical Reviews. 116, pp. 14307 - 14378. American Chemical Society, 2016.

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

Corresponding author: No
- 4** Nayarussery Adarsh; Amarnath Chakraborty; Màrius Tarrés; Surjendu Dey; Fernando Novio; Basab Chattopadhyay; Xavi Ribas; Daniel Ruiz Molina. Ligand and solvent effects in the formation and self-assembly of a metallocupramolecular cage. New Journal of Chemistry. DOI: 10.1039/C6NJ034, pp. DOI: 10.1039/C6NJ03456J. Royal Society of Chemistry, 2016.

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

Corresponding author: No
- 5** Màrius Tarrés; Elisabetta Canetta; Eleanor Paul; Jordan Forbes; Karima Azzouni; Clara Viñas; Francesc Teixidor; Adrian Harwood. Biological interaction with living cells of COSAN-based synthetic vesicles. Scientific Reports. 5, pp. 7804. Nature Publishing Group, 2015.

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

Corresponding author: No

- 6** Màrius Tarrés; Víctor Sánchez Arderiu; Adnana Zaulet; Clara Viñas; Fabrizia Fabrizi de Biani; Francesc Teixidor. How to get the desired reduction voltage in a single framework! Metallacarborane as an optimal probe for sequential voltage tuning. Dalton Transactions. 44, pp. 11690 - 11695. Royal Society of Chemistry, 2015.
Type of production: Scientific paper **Format:** Journal
- 7** Màrius Tarrés; Clara Viñas; Patricia González Cardoso; Mikko Hänninen; Reijo Sillanpää; Vlado Dordovic; Mariusz Uchman; Francesc Teixidor; Pavel Matejicek. Aqueous self-assembly and cationic selectivity of cobaltabisdicarbollide dianionic dumbbells. Chemistry - A European Journal. 20, pp. 6786 - 6794. Wiley, 2014.
Type of production: Scientific paper **Format:** Journal
- 8** Màrius Tarrés; Elisabetta Canetta; Clara Viñas; Francesc Teixidor; Adrian Harwood. Imaging on living cells using vB-H Raman spectroscopy: monitoring COSAN uptake. Chemical Communications. 50, pp. 3370 - 3372. Royal Society of Chemistry, 2014.
Type of production: Scientific paper **Format:** Journal
- 9** Clara Viñas; Màrius Tarrés; Patricia González Cardoso; Pau Farràs; Pierre Bauduin; Francesc Teixidor. Surfactant behavior of metallacarboranes. A study based on the electrolysis of water. Dalton Transactions. 43, pp. 5062 - 5068. Royal Society of Chemistry, 2014.
Type of production: Scientific paper **Format:** Journal
- 10** Màrius Tarrés; Clara Viñas; Ana Cioran; Mikko Hänninen; Reijo Sillanpää; Francesc Teixidor. Towards multifunctional materials incorporating elastomers and reversible redox active fragments. Chemistry - A European Journal. 20, pp. 15808 - 15815. Wiley, 2014.
Type of production: Scientific paper **Format:** Journal

Works submitted to national or international conferences

- 1** **Title of the work:** Electronic Effects and Mechanistic Insights on Cobalt-Catalyzed C-H Activation: Alkyne Insertion vs Alkoxylation
Name of the conference: XXXIV GEQO Congress Organometallic Chemistry Group
Corresponding author: No
City of event: Girona, Catalonia, Spain
Date of event: 07/09/2016
End date: 09/09/2016
Organising entity: Universitat de Girona **Type of entity:** University
City organizing entity: Girona, Catalonia, Spain
Màrius Tarrés; Christopher Whiteoak; Oriol Planas; Anna Company; Xavi Ribas.
- 2** **Title of the work:** Any desired Redox Potential is possible in a Metallacarborane Platform: Electrochromic behavior with Methyl Viologen
Name of the conference: 4th Ph.D's Meeting of UAB students
City of event: Bellaterra, Catalonia, Spain
Date of event: 19/05/2014
End date: 21/05/2014
Organising entity: Universitat Autònoma de Barcelona **Type of entity:** University
City organizing entity: Bellaterra, Catalonia, Spain
Màrius Tarrés; Víctor Sánchez Arderiu; Adnana Zaulet; Clara Viñas; Francesc Teixidor; Fabrizia Fabrizi de Biani.



- 3** **Title of the work:** Metal·lacarborans i Biologia Molecular: la sorprenent interacció de dos mons aparentment independents
Name of the conference: 8th Meeting of Young Researchers of the Catalan Countries
City of event: Andorra la Vella, Andorra
Date of event: 27/11/2013
End date: 29/11/2013
Organising entity: Societat Catalana de Química **Type of entity:** Regional Society of Chemistry
City organizing entity: Spain
Màrius Tarrés; Clara Viñas; Francesc Teixidor; Adrian Harwood.
- 4** **Title of the work:** Metallacarboranes: Novel drugs in Cell Biology
Name of the conference: Euroboron 6
City of event: Radziejowice, Mazowieckie, Poland
Date of event: 08/09/2013
End date: 13/09/2013
Organising entity: Warsaw University of Technology **Type of entity:** University
City organizing entity: Warsaw, Mazowieckie, Poland
Màrius Tarrés; Clara Viñas; Francesc Teixidor; Adrian Harwood.
- 5** **Title of the work:** Is any Ether Solvent Adequate for my Reaction? Metal-Free B-C Coupling with a Weak Electrophile
Name of the conference: QIES '12
City of event: Girona, Catalonia, Spain
Date of event: 01/07/2012
End date: 04/07/2012
Organising entity: Grupo Especializado en Química Inorgánica y Estado Sólido
City organizing entity: Spain
Màrius Tarrés; Ana Cioran; Reijo Sillanpää; Clara Viñas; Francesc Teixidor.
- 6** **Title of the work:** On the Search of a Suitable Platform for Sequential Hetero Polyelectroactive Tuning
Name of the conference: 1st Scientific Meeting of ICMA B Students
City of event: Bellaterra, Catalonia, Spain
Date of event: 25/05/2011
End date: 25/05/2011
Organising entity: Instituto de Ciencia de los Materiales de Barcelona **Type of entity:** Public Research Body
City organizing entity: Bellaterra, Catalonia, Spain
Màrius Tarrés; Clara Viñas; Francesc Teixidor.
- 7** **Title of the work:** Regioselective functionalization of a ketone platform with Metallacarboranes
Name of the conference: EuroBoron 5
City of event: Edinburgh, Eastern Scotland, United Kingdom
Date of event: 29/08/2010
End date: 02/09/2010
Organising entity: Heriot-Watt University **Type of entity:** University
City organizing entity: Edinburgh, Eastern Scotland, United Kingdom
Màrius Tarrés; Francesc Teixidor; Clara Viñas; Ana Cioran.

R&D management and participation in scientific committees

Organization of R&D activities

- 1** **Title of the activity:** 1st Scientific Meeting of ICMAB-ICN-CIN2 Students
Type of activity: Congress
Convening entity: Instituto de Ciencia de los Materiales de Barcelona
City convening entity: Bellaterra, Catalonia, Spain
Start-End date: 13/05/2013 - 14/05/2013
Geographical area: Regional
Type of entity: Public Research Body
Duration: 2 days
- 2** **Title of the activity:** IQCC-Groningen Workshop
Type of activity: Scientific Workshop
Convening entity: Institut de Química Computacional i Catàlisi (IQCC)
City convening entity: Girona, Catalonia, Spain
Start date: 04/04/2016
Geographical area: European Union
Type of entity: University Department
Duration: 2 days
- 3** **Title of the activity:** 1st Scientific Meeting of ICMAB Students
Type of activity: Congress
Convening entity: Instituto de Ciencia de los Materiales de Barcelona
City convening entity: Bellaterra, Catalonia, Spain
Start date: 25/05/2011
Geographical area: Regional
Type of entity: Public Research Body
Duration: 1 day

Other achievements

Stays in public or private R&D centres

- 1** **Entity:** University of Siena
Faculty, institute or centre: Department of Biotechnology, Chemistry and Pharmacy
City of entity: Siena, Toscana, Italy
Start-End date: 05/2013 - 07/2013
Goals of the stay: Doctorate
Provable tasks: Inorganic Electrochemistry
Type of entity: University
Duration: 3 months
- 2** **Entity:** Cardiff University
Faculty, institute or centre: School of Biosciences
City of entity: Cardiff, East Wales, United Kingdom
Start-End date: 11/2011 - 03/2012
Goals of the stay: Doctorate
Provable tasks: Molecular Biology
Type of entity: University
Duration: 4 months - 15 days



Obtained grants and scholarships

- 1** **Name of the grant:** Formación de Profesorado Universitario (FPU)
Aims: Pre-doctoral
Awarding entity: Ministerio de Ciencia e Innovación **Type of entity:** Public Research Institute
Conferral date: 16/09/2010 **Duration:** 4 years
End date: 15/09/2014
Entity where activity was carried out: Instituto de Ciencia de los Materiales de Barcelona
Faculty, institute or centre: ICMAB-CSIC
- 2** **Name of the grant:** Master in Science Grant
Aims: Master in Science Grant
Awarding entity: Ministerio de Ciencia e Innovación **Type of entity:** Public Research Institute
Conferral date: 16/09/2009 **Duration:** 1 year
End date: 15/09/2010
Entity where activity was carried out: Instituto de Ciencia de los Materiales de Barcelona
Faculty, institute or centre: ICMAB-CSIC

Prizes, mentions and distinctions

- 1** **Description:** Best Doctoral Thesis in Chemistry written in Catalan language from the last 3 years (2012-2014)
Awarding entity: Societat Catalana de Química **Type of entity:** Regional Society of Chemistry
City awarding entity: Catalonia, Spain
Conferral date: 23/04/2015
- 2** **Description:** Excellent - Cum Laude Qualification of the PhD, with the International Mention
Awarding entity: Universitat Autònoma de Barcelona **Type of entity:** University
City awarding entity: Bellaterra, Catalonia, Spain
Conferral date: 07/11/2014
- 3** **Description:** Best Oral Presentation Prize at the 8th Meeting of Young Researchers of the Catalan Countries
Awarding entity: Societat Catalana de Química
City awarding entity: Catalonia, Spain
Conferral date: 29/11/2013