



Laia Lladó Pelfort

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Laia Lladó Pelfort

Surname(s): **Lladó Pelfort**
Name: **Laia**
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Current professional situation

- 1** **Employing entity:** Fundació Universitària del Bages (FUB). UManresa, UVic-UCC **Type of entity:** Foundation
Department: Faculty of Health Sciences of Manresa
Professional category: Lecturer
Start date: 01/09/2022
Type of contract: Permanent employment contract **Dedication regime:** Full time
Identify key words: Molecular mechanism of disease; Laboratory animals; Neurotransmitters and neuromodulators; Psychopharmacology
- 2** **Employing entity:** FUNDACIO PER A LA UNIVERSITAT OBERTA DE CATALUNYA
Professional category: Adjunct lecturer
Start date: 01/09/2013

Previous positions and activities

	Employing entity	Professional category	Start date
1	Fundació Estudis Superiors en Ciències de la Salut (FESS). UMedicina, UVic-UCC	Adjunct lecturer	15/01/2025
2	Fundació Estudis Superiors en Ciències de la Salut (FESS). UMedicina, UVic-UCC	Adjunct lecturer	15/01/2024
3	Fundació Universitària del Bages (FUB). UManresa, UVic-UCC	Adjunct lecturer	01/09/2011
4	Consejo Superior de Investigaciones Científicas	Postdoctoral researcher	2010
5	Consejo Superior de Investigaciones Científicas	Predoctoral researcher	2006
6	Consejo Superior de Investigaciones Científicas	Research Introduction Fellow	2005
7	Universitat Autònoma de Barcelona	Collaboration Grant	2004
8		Research Introduction Fellow	2004



	Employing entity	Professional category	Start date
	Consejo Superior de Investigaciones Científicas		

- 1** **Employing entity:** Fundació Estudis Superiors en Ciències de la Salut (FESS). UMedicina, UVic-UCC
Professional category: Adjunct lecturer
Start-End date: 15/01/2025 - 14/07/2025
Type of entity: Foundation
Duration: 6 months
- 2** **Employing entity:** Fundació Estudis Superiors en Ciències de la Salut (FESS). UMedicina, UVic-UCC
Professional category: Adjunct lecturer
Start-End date: 15/01/2024 - 15/06/2024
Type of entity: Foundation
Duration: 5 months
- 3** **Employing entity:** Fundació Universitària del Bages (FUB). UManresa, UVic-UCC
Professional category: Adjunct lecturer
Start-End date: 01/09/2011 - 31/08/2022
Type of entity: Foundation
- 4** **Employing entity:** Consejo Superior de Investigaciones Científicas
Professional category: Postdoctoral researcher
Start-End date: 2010 - 2015
Type of entity: State agency
- 5** **Employing entity:** Consejo Superior de Investigaciones Científicas
Professional category: Predoctoral researcher
Start-End date: 2006 - 2010
Type of entity: State agency
- 6** **Employing entity:** Consejo Superior de Investigaciones Científicas
Professional category: Research Introduction Fellow
Start-End date: 2005 - 2005
Type of entity: State agency
Duration: 4 months
- 7** **Employing entity:** Universitat Autònoma de Barcelona
Professional category: Collaboration Grant
Start-End date: 2004 - 2005
Type of entity: University
- 8** **Employing entity:** Consejo Superior de Investigaciones Científicas
Professional category: Research Introduction Fellow
Start-End date: 2004 - 2004
Type of entity: State agency
Duration: 2 months



Education

University education

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

University degree: Higher degree

Name of qualification: Bachelor of Science in Biology (specialisation in Health Biology)

City degree awarding entity: Cataluña, Spain

Degree awarding entity: Universitat Autònoma de Barcelona

Type of entity: University

Date of qualification: 24/01/2006

Average mark: Outstanding

Prize: End of degree award

Doctorates

Doctorate programme: Official Doctoral Programme in Neuroscience

Degree awarding entity: Universitat de Barcelona

Type of entity: University

City degree awarding entity: Cataluña, Spain

Date of degree: 10/06/2010

DEA awarding entity: Universitat de Barcelona

Date DEA was awarded: 02/10/2007

Thesis title: Paper del receptor 5-HT1A en el mecanisme d'acció de psicofàrmacs

Thesis director: Francesc Artigas Pérez

Obtained qualification: Excel·lent cum laude

Other postgraduate university studies

Postgraduate qualification: Advanced Studies Diploma in Cell Biology, Immunology and Neurociencie

Degree awarding entity: Universitat de Barcelona

Type of entity: University

Date of qualification: 02/10/2007

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

1 Training title: Perfil investigador: ORCID i CVN de la FECYT

Awarding entity: UManresa, UVic-UCC

End date: 25/11/2025

Duration in hours: 2 hours

2 Training title: Càpsules de recerca: on publicar

Awarding entity: UVic-UCC

End date: 11/03/2025

Duration in hours: 1 hour



- 3 Training title:** El eje microbiota-intestino-cerebro y su influencia en el metabolismo y la salud
Awarding entity: Debates Caixa-Research. Fundació la Caixa
End date: 04/12/2024 **Duration in hours:** 1 hour
- 4 Training title:** Divulgació científica a l'abast de tothom
Awarding entity: UManresa, UVic-UCC
End date: 29/02/2024 **Duration in hours:** 3 hours
- 5 Training title:** Taller sobre el gestor bibliogràfic Mendeley
Awarding entity: Universitat Oberta de Catalunya **Type of entity:** University
End date: 2016 **Duration in hours:** 12 hours
- 6 Training title:** Com percebem el món. Una exploració de la ment i els sentits
Awarding entity: CosmoCaixa Barcelona **Type of entity:** Foundation
End date: 2013 **Duration in hours:** 10 hours
- 7 Training title:** Nivell bàsic de prevenció de riscos laborals
Awarding entity: Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
End date: 2013 **Duration in hours:** 50 hours
- 8 Training title:** XX Curso avanzado de receptores para neurotransmisores
Awarding entity: Fundación española de farmacología **Type of entity:** Foundation
End date: 2010
- 9 Training title:** Cambridge Electronic Design Training days
Awarding entity: Cambridge Electronic Design **Type of entity:** Business
End date: 2008
- 10 Training title:** Manipulació de productes químics en laboratoris
Awarding entity: Institut d'Investigacions Biomèdiques de Barcelona
End date: 2008 **Duration in hours:** 2 hours
- 11 Training title:** Utilització d'animals per a experimentació i altres finalitats científiques
Awarding entity: Departament de Medi Ambient i Habitatge
End date: 2007

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

- 1 Title of course/seminar:** Accessibilitat digital a Moodle i als materials docents
Organising entity: UVic-UCC
Duration in hours: 6 hours
Start-End date: 24/09/2025 - 24/09/2025
- 2 Title of course/seminar:** Mesura i millora la qualitat de la teva aula virtual! Forma't 25
Organising entity: UVic-UCC
Duration in hours: 3 hours
Start-End date: 24/09/2025 - 24/09/2025



- 3** **Title of course/seminar:** Motivació i benestar: claus d'una docència universitària en positiu
Organising entity: UVic-UCC
Duration in hours: 2 hours
Start-End date: 24/03/2025 - 24/03/2025
- 4** **Title of course/seminar:** Formació a la FM. Disseny de preguntes d'elecció múltiple (PEM). 2a edició
Organising entity: UVic-UCC
Duration in hours: 2 hours
Start-End date: 19/03/2025 - 19/03/2025
- 5** **Title of course/seminar:** Introducció a la intel·ligència artificial generativa
Organising entity: Snackson
Duration in hours: 2 hours
Start-End date: 09/12/2024 - 10/03/2025
- 6** **Title of course/seminar:** Creació i gestió d'activitats grupals a l'aula virtual
Organising entity: UManresa, UVic-UCC
Duration in hours: 2 hours
Start-End date: 19/02/2025 - 19/02/2025
- 7** **Title of course/seminar:** Incorporació de la perspectiva de gènere a la docència universitària
Organising entity: UManresa, UVic-UCC
Duration in hours: 4 hours
Start-End date: 27/11/2024 - 04/12/2024
- 8** **Title of course/seminar:** Novetats a l'aula virtual: actualització de Moodle
Organising entity: UManresa, UVic-UCC
Duration in hours: 1 hour
Start-End date: 10/09/2024 - 10/09/2024
- 9** **Title of course/seminar:** Coneix què són els projectes COIL i BIP
Organising entity: UManresa, UVic-UCC
Duration in hours: 1 hour
Start-End date: 16/07/2024 - 16/07/2024
- 10** **Title of course/seminar:** Dissenyant l'aula inversa
Organising entity: UManresa, UVic-UCC **Type of entity:** University
Faculty, institute or centre: Centre d'Innovació i Formació en Educació
Duration in hours: 6 hours
Start-End date: 03/04/2024 - 17/04/2024
- 11** **Title of course/seminar:** Rol del professorat observador en el programa UDocentia
Organising entity: UManresa, UVic.UCC **Type of entity:** University
Faculty, institute or centre: Centre d'Innovació i Formació en Educació
Duration in hours: 1 hour
Start-End date: 26/02/2024 - 26/02/2024
- 12** **Title of course/seminar:** Eines per a l'avaluació a Moodle (I): rúbriques, guia de criteris, selecció de criteris i ús d'escala
Organising entity: UManresa, UVic-UCC
Duration in hours: 2 hours



Start-End date: 28/11/2023 - 28/11/2023

- 13 Title of course/seminar:** Jornada - Repensem la universitat: impacte de la intel·ligència artificial (IA) en l'aprenentatge
Organising entity: Taula interuniversitària - UPC **Type of entity:** University
Duration in hours: 4 hours
End date: 13/07/2023
- 14 Title of course/seminar:** Elaboració de vídeos interactius amb H5P
Organising entity: UManresa-UVic-UCC **Type of entity:** University
Faculty, institute or centre: Centre d'Innovació i Formació en Educació
Duration in hours: 2 hours
End date: 20/04/2023
- 15 Title of course/seminar:** Optimització del llibre de qualificacions de Moodle III (configuració de càlculs avançats)
Organising entity: UManresa, UVic-UCC
Duration in hours: 2 hours
Start-End date: 20/03/2023 - 20/03/2023
- 16 Title of course/seminar:** Tips per millorar l'aparença gràfica de l'aula virtual
Organising entity: UManresa, UVic-UCC
Duration in hours: 2 hours
Start-End date: 17/02/2023 - 17/02/2023
- 17 Title of course/seminar:** Ús de l'eina Socrative
Organising entity: UManresa-UVic-UCC
Duration in hours: 2 hours
Start-End date: 19/12/2022 - 19/12/2022
- 18 Title of course/seminar:** Estratègies i eines per treballar el pensament crític entre l'estudiantat de Fisioteràpia
Organising entity: UManresa, UVic-UCC **Type of entity:** University
Faculty, institute or centre: Centre d'Innovació i Formació en Educació
Duration in hours: 4 hours
Start-End date: 11/05/2022 - 25/05/2022
- 19 Title of course/seminar:** Com oferir feedback a l'estudiantat a través de les eines de l'Aula Virtual
Organising entity: UManresa, UVic-UCC **Type of entity:** University
Faculty, institute or centre: Centre d'Innovació i Formació en Educació
Duration in hours: 2 hours
Start-End date: 17/03/2022 - 17/03/2022
- 20 Title of course/seminar:** Elaboració i ús de rúbriques com a instrument d'avaluació
Organising entity: UManresa, UVic-UCC **Type of entity:** University
Faculty, institute or centre: Centre d'Innovació i Formació en educació
Duration in hours: 3 hours
End date: 30/11/2021
- 21 Title of course/seminar:** Certificat aptitud pedagògica
Organising entity: Universitat Autònoma de Barcelona **Type of entity:** University
Faculty, institute or centre: Ciències de l'Educació
End date: 2009



Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
French	A2	B1	A1	A1	A1
English	C1	C1	C1	C1	C1
Catalan	C2	C2	C2	C2	C2
Spanish	C2	C2	C2	C2	C2

Teaching experience

General teaching experience

1 Type of teaching: Official teaching

Name of the course: Farmacologia i endocrinologia del comportament

Type of programme: Bachelor's degree

Type of teaching: Virtual

Type of subject: Core

University degree: Graduat o Graduada en Psicologia

Start date: 18/09/2013

End date: 25/07/2024

Entity: Universitat Oberta de Catalunya

Type of entity: University

City of entity: Spain

Subject language: Catalan

2 Type of teaching: Official teaching

Name of the course: Farmacologia/2n

Type of programme: Bachelor's degree

Type of teaching: In person theory

Type of subject: Obligatory

University degree: Graduado o Graduada en Fisioterapia

Course given: 2n

Start date: 01/09/2017

End date: 30/06/2023

Entity: UVic-UCC. UManresa

Type of entity: University

Faculty, institute or centre: Facultat de Ciències de la Salut de Manresa

Subject language: Catalan

3 Type of teaching: Official teaching

Name of the course: Neurociències /4t

Type of programme: Grau

Type of teaching: In person theory

Type of subject: Optional

University degree: Graduado o Graduada en Fisioterapia

Course given: 4t

Start date: 01/09/2012

End date: 30/06/2018

Entity: UVic-UCC. UManresa

Type of entity: University

Faculty, institute or centre: Facultat de Ciències de la Salut de Manresa

City of entity: Spain

Subject language: Catalan



4 **Type of teaching:** Official teaching
Name of the course: Histología humana/1r
Type of programme: Grau **Type of teaching:** Semi-presencial
Type of subject: Bàsica
University degree: Graduado o Graduada en Podología
Course given: 1r
Start date: 01/09/2025
Entity: UVic-UCC. UManresa **Type of entity:** University
Faculty, institute or centre: Facultat de Ciències de la Salut de Manresa
City of entity: Spain
Subject language: Spanish

5 **Type of teaching:** Official teaching
Name of the course: Bases Farmacològiques en Psicopatologia/1r
Type of programme: Grau **Type of teaching:** Virtual
Type of subject: Optional
University degree: Graduado o Graduada en Psicología
Start date: 25/09/2024
Entity: Universitat Oberta de Catalunya **Type of entity:** University
City of entity: Spain
Subject language: Spanish

6 **Type of teaching:** Official teaching
Name of the course: Estructura i Funció del Cos Humà III/1r
Type of programme: Grau **Type of teaching:** Teòrica i pràctica
Type of subject: Bàsica
University degree: Graduat o Graduada en Medicina
Course given: 1r
Start date: 15/01/2024
Entity: UVic-UCC. UMedicina **Type of entity:** University
Faculty, institute or centre: Facultat de Medicina
City of entity: Spain
Subject language: Catalan

7 **Type of teaching:** Official teaching
Name of the course: Estructura i funció del cos humà II
Type of programme: Grau **Type of teaching:** Teòrica i pràctica
Type of subject: Bàsica
University degree: Graduat o Graduada en Medicina
Course given: 1r
Start date: 15/01/2024
Entity: UVic-UCC. UMedicina **Type of entity:** University
Faculty, institute or centre: Facultat de Medicina
City of entity: Spain
Subject language: Catalan

8 **Type of teaching:** Official teaching
Name of the course: Fisiopatologia, neurociència i dolor
Type of programme: Master's degree **Type of teaching:** Semi-presencial
University degree: Màster en Fisioteràpia del Sistema Musclesquelètic
Start date: 01/09/2019



Entity: UVic-UCC. UManresa

Type of entity: University

Faculty, institute or centre: Facultat de Ciències de la Salut de Manresa

City of entity: Spain

9 Type of teaching: Official teaching

Name of the course: Histologia humana /1r

Type of programme: Grau

Type of teaching: In person theory

Type of subject: Bàsica

University degree: Graduado o Graduada en Podología

Course given: 1r

Start date: 01/09/2016

Entity: UVic-UCC. UManresa

Type of entity: University

Faculty, institute or centre: Facultat de Ciències de la Salut de Manresa

City of entity: Spain

Subject language: Catalan

10 Type of teaching: Official teaching

Name of the course: Fisiologia /1r

Type of programme: Grau

Type of teaching: Semi-presencial

Type of subject: Bàsica

University degree: Graduado o Graduada en Podología

Course given: 1r

Start date: 01/09/2013

Entity: UVic-UCC. UManresa

Type of entity: University

Faculty, institute or centre: Facultat de Ciències de la Salut de Manresa

City of entity: Spain

Subject language: Spanish

11 Type of teaching: Official teaching

Name of the course: Fisiologia I /1r

Type of programme: Grau

Type of teaching: In person theory

Type of subject: Bàsica

University degree: Graduado o Graduada en Fisioterapia

Course given: 1r

Start date: 01/09/2011

Entity: UVic-UCC. UManresa

Type of entity: University

Faculty, institute or centre: Facultat de Ciències de la Salut de Manresa

City of entity: Spain

12 Type of teaching: Official teaching

Name of the course: Fisiologia II /1r

Type of programme: Grau

Type of teaching: In person theory

Type of subject: Bàsica

University degree: Graduado o Graduada en Fisioterapia

Course given: 1r

Start date: 01/09/2011

Entity: UVic-UCC. UManresa

Type of entity: University

Faculty, institute or centre: Facultat de Ciències de la Salut de Manresa

City of entity: Spain

Subject language: Spanish



Materials and other teaching or educational publications.

- 1** Antonio Luis Florido Torres; Laia Lladó Pelfort; Elina Luybomirova Boycheva; Sara Martínez Torres; Diego Redolar Ripoll; Elena Vicario Orri. Bases farmacológicas en psicopatología, FUOC. 2023.
Name of the materials: Recursos d'aprenentatge per l'assignatura Bases farmacològiques en psicopatologia del grau de Psicologia (UOC)
Date of drafting: 01/09/2023
Format: Manual
- 2** Laia Lladó Pelfort. Fisiología del sistema nervioso y el músculo, FUB. 2022.
Name of the materials: Materials docents per l'assignatura de Fisiologia del grau de Podologia
Date of drafting: 01/04/2022
Format: Manual
Corresponding author: Yes
- 3** Laia Lladó Pelfort. Circulación, respiración, digestión y excreción, FUB. 2022.
Name of the materials: Materials docents per l'assignatura de Fisiologia del grau de Podologia
Date of drafting: 01/02/2022
Format: Manual
Corresponding author: Yes
- 4** Laia Lladó Pelfort. Introducción al sistema endocrino. Fisiología y endocrinología de la reproducción, FUB. 2022.
Name of the materials: Materials docents per l'assignatura de Fisiologia del grau de Podologia
Date of drafting: 01/02/2022
Format: Manual
Corresponding author: Yes
- 5** Laia Lladó Pelfort. Fisiología de la sangre y la inmunidad, FUB. 2022.
Name of the materials: Materials docents per l'assignatura de Fisiologia del grau de Podologia
Date of drafting: 01/01/2022
Format: Manual
Corresponding author: Yes
- 6** Laia Lladó Pelfort. Introducción a la Fisiología, FUB. 2022.
Name of the materials: Materials docents per l'assignatura de Fisiologia del grau de Podologia
Date of drafting: 01/01/2022
Format: Manual
Corresponding author: Yes
- 7** Laia Lladó Pelfort; González-Rivas, F.. Biomoléculas, FUB. 2021.
Name of the materials: Materials docents per l'assignatura d'Histologia humana del grau de Podologia
Date of drafting: 31/07/2021
Format: Manual
Corresponding author: Yes
- 8** Laia Lladó Pelfort. Citología, FUB. 2021.
Name of the materials: Materials docents per l'assignatura d'Histologia humana del grau de Podologia
Date of drafting: 31/07/2021



Format: Manual

Corresponding author: Yes

- 9** Laia Lladó Pelfort. Tejidos, FUB. 2021.

Name of the materials: Materials docents per l'assignatura d'Histologia humana del grau de Podologia

Date of drafting: 31/07/2021

Format: Manual

Corresponding author: Yes

- 10** Laia Lladó Pelfort; Laia Sallés Oller. Aproximación a la neurociencia: implicaciones en la práctica de la fisioterapia, FUB. 2019.

Name of the materials: Materials docents màster en Fisioteràpia del Sistema Musclesquelètic

Date of drafting: 2019

Format: Manual

- 11** Laia Lladó Pelfort. Neurociència per fisioterapeutes, 2019.

Name of the materials: Microcurs Sanckson Neurociència per fisioterapeutes

Date of drafting: 2019

Format: Microcurs per aplicació mòbil Snackson

Participation in innovative teaching projects

- 1** **Project title:** Valoració de la implementació de metodologies d'aprenentatge actiu en assignatures de Ciències Bàsiques en graus de Ciències de la Salut

Type of participation: Principal investigator

Amount awarded: 2.000 €

Funding entity: UVic-UCC

Type of entity: University

Type of call: Convocatòria competitiva interna

Start-End date: 01/09/2025 - 31/08/2027

Duration: 2 years

- 2** **Project title:** Red interuniversitaria de innovación docente en Farmacología: compartiendo material docente de simulación en Grados de Ciencias de la Salud

City of entity: València, Spain

Type of participation: Team member

Name of the main researcher: Maria Pilar D'Ocon Navaza

Amount awarded: 550 €

Funding entity: Universitat de València

Type of entity: University

Type of call: Competitive

Geographical area: Convocatòria competitiva interna

Start-End date: 19/09/2025 - 31/07/2026

- 3** **Project title:** Valoració de la introducció de metodologies d'aprenentatge actiu per al procés d'ensenyament i aprenentatge del format d'article científic a l'assignatura de Fisiologia dels graus de Podologia i Fisioteràpia de la UManresa

Type of participation: Principal investigator

Funding entity: UManresa

Type of entity: University

Start-End date: 08/12/2023 - 31/12/2025



- 4 Project title:** Valoració de la introducció d'una activitat de TBL i simulació a l'assignatura d'Histologia humana del grau de Podologia
Type of participation: Principal investigator
Funding entity: UManresa **Type of entity:** University
Start-End date: 01/12/2023 - 31/12/2025

Participation in conferences with talks focused on teacher training

- 1 Name of the event:** XIII International Conference on University Teaching and Innovation
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Barcelona, Cataluña, Spain
Date of presentation: 10/07/2025
Organising entity: Associació Catalana d'Universitats Públiques **Type of entity:** Associations and Groups
City organizing entity: Cataluña, Spain
 Com aprendre i ensenyar el format d'article científic: metodologies actives en graus de ciències de la salut.
- 2 Name of the event:** XIII International Conference on University Teaching and Innovation
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Barcelona, Cataluña, Spain
Date of presentation: 10/07/2025
Organising entity: Associació Catalana d'Universitats Públiques **Type of entity:** Associations and Groups
City organizing entity: Cataluña, Spain
 Combinant TBL i simulació: aplicació en una assignatura de Ciències Bàsiques del grau de podologia.
- 3 Name of the event:** X Congreso Sociedad Española de Simulación Clínica y Seguridad del Paciente
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: València, Comunitat Valenciana, Spain
Date of presentation: 2023
Organising entity: Sociedad Española de Simulación Clínica y Seguridad del Paciente
 Mostrando una actividad de simulación de zona 1 en la asignatura de Histología Humana del grado de podología.

Other activities/achievements not included above

- 1 Description of the activity:** Acreditació com a professora d'universitat privada
Organising entity: Agencia Nacional de Evaluación de la Calidad y Acreditación **Type of entity:** ANECA
End date: 2024
- 2 Description of the activity:** Acreditació com a professora contractada doctora
Organising entity: Agencia Nacional de Evaluación de la Calidad y Acreditación **Type of entity:** ANECA
End date: 2024



- 3 Description of the activity:** Acreditació com a professora lectora
Organising entity: AQU
End date: 2014
- 4 Description of the activity:** Acreditació com a professora ajudant doctora
Organising entity: Agencia Nacional de Evaluación de la Calidad y Acreditación
Type of entity: Agència estatal
End date: 2013

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:** Actividad de la corteza prefrontal en nuevas estrategias antidepresivas. PI12/00156
Entity where project took place: Consejo Superior de Investigaciones Científicas
Type of entity: State agency
City of entity: Barcelona, Cataluña, Spain
Name principal investigator (PI, Co-PI....): Pau Celada
Funding entity or bodies: Instituto de Salud Carlos III (Ministerio de Economía y competitividad), co-funded by FEDER
Start-End date: 01/01/2013 - 31/12/2015
Total amount: 83.490 €
- 2 Name of the project:** Papel de la corteza infralímbica en depresión: conextividad funcional y desarrollo de un modelo animal. SAF2012-35183
Entity where project took place: Consejo Superior de Investigaciones Científicas
Type of entity: State agency
City of entity: Barcelona, Cataluña, Spain
Name principal investigator (PI, Co-PI....): Francesc Artigas Pérez
Funding entity or bodies: Ministerio de Economía y Competitividad
Start-End date: 01/01/2013 - 31/12/2015
Total amount: 351.000 €
- 3 Name of the project:** Novel methods leading to new medications in depression and schizophrenia (NEWMEDS). Grant Agreement N° 115008
Geographical area: European Union
Degree of contribution: Researcher
Entity where project took place: Consejo Superior de Investigaciones Científicas
Type of entity: State agency
City of entity: Barcelona, Cataluña, Spain
Funding entity or bodies: IMI JU (European Commission – EC – and European Federation of Pharmaceutical Industries and Associations – EFPIA)
Type of participation: Team member



Start-End date: 01/09/2009 - 31/08/2014

Total amount: 682.467 €

- 4 Name of the project:** Grup de recerca consolidat, Neuroquímica i Neurofarmacologia. 2009SGR220 (2009-2013)

Entity where project took place: Consejo Superior de Investigaciones Científicas

Type of entity: State agency

City of entity: Barcelona, Cataluña, Spain

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

Funding entity or bodies:

Generalitat de Catalunya

Type of entity: Body, others

Start-End date: 30/09/2009 - 31/12/2013

Total amount: 48.880 €

- 5 Name of the project:** Actividad cortical y alucinaciones. Nuevo modelo experimental para la identificación de dianas terapéuticas en esquizofrenia. FIS PI09/1245

Entity where project took place: Consejo Superior de Investigaciones Científicas

Type of entity: State agency

City of entity: Barcelona, Cataluña, Spain

Name principal investigator (PI, Co-PI....): Pau Celada

Funding entity or bodies:

Instituto de Salud Carlos III (Ministerio de Ciencia e Innovación)

Start-End date: 01/01/2010 - 31/12/2012

Total amount: 74.415 €

- 6 Name of the project:** Monoaminergic neurotransmission in prefrontal cortex: target for augmentation strategies in schizophrenia

Entity where project took place: Consejo Superior de Investigaciones Científicas

Type of entity: State agency

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

Funding entity or bodies:

SENY Foundation

Start-End date: 22/05/2007 - 21/05/2010

Total amount: 223.877,5 €

- 7 Name of the project:** Modulación de los circuitos cortico-mesencefálicos por receptores 5-HT1A. Relevancia en la acción terapéutica de los fármacos antipsicóticos. PI060264

Entity where project took place: Consejo Superior de Investigaciones Científicas

Type of entity: State agency

City of entity: Barcelona, Cataluña, Spain

Name principal investigator (PI, Co-PI....): Pau Celada

Funding entity or bodies:

Instituto de Salud Carlos III (Ministerio de Sanidad y Consumo)

Start-End date: 18/10/2006 - 30/12/2009

Total amount: 65.340 €

- 8 Name of the project:** REM-TAP (red de Enfermedades Mentales – Trastornos Afectivos y Psicóticos). RD06/0011/0009

Entity where project took place: Consejo Superior de Investigaciones Científicas

Type of entity: State agency



City of entity: Barcelona, Cataluña, Spain

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

Funding entity or bodies:

Instituto de Salud Carlos III (Ministerio de Sanidad y Consumo)

Start-End date: 01/01/2007 - 30/06/2008

Total amount: 72.000 €

R&D non-competitive contracts, agreements or projects with public or private entities

1 Name of the project: Study of the microbiome of complex skin wounds: determining factors of infection and microbiological diagnosis

Entity where project took place: Fundació Universitària del Bages. UManresa, UVic-UCC

Degree of contribution: Researcher

Name principal investigator (PI, Co-PI....): Anna Fàbrega Santamaria

Nº of researchers: 6

Start date: 01/09/2023

Duration: 3 years

2 Name of the project: Effects of F16242 and F13640 on pre- and postsynaptic 5-HT_{1A} receptors in rat brain: in vivo electrophysiological studies

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

Funding entity or bodies:

Institut de Recherche Pierre Fabre

City funding entity: France

Start date: 02/03/2007

Duration: 1 year

Total amount: 40.000 €

Results

Results derived from specialized and transfer activities, not included in previous sections

Description: Estratègia de gamificació per aproximar el concepte de microbioma humà a estudiants de cicle superior de primària

Name of the principal Investigator (PI): Laia Lladó Pelfort

Name of the Co-principal investigator (Co-PI): Anna Fàbrega Santamaria

Collaborating entity or bodies:

Fundació Universitària del Bages

Type of entity: Foundation

Ajuntament de Manresa

Type of entity: Ayuntamiento

City collaborating entity: Manresa, Cataluña, Spain

Start date: 22/10/2024

Duration: 7 months



Scientific and technological activities

Scientific production

Publications, scientific and technical documents

- 1** Daniel Toker; Eli Müller; Hiroyuki Miyamoto; Maurizio S. Riga; Laia Lladó Pelfort; Kazuhiro Yamakawa; Francesc Artigas; James M. Shine; Andrew E. Hudson; Nader Pouratian; Martin M. Monti. Criticality supports cross-frequency cortical-thalamic information transfer during conscious states. *eLife*. 13, eLife Sciences Publ LTD, 2024. ISSN 2050-084X

DOI: 10.1101/2023.02.22.529544

Handle: <https://pmc.ncbi.nlm.nih.gov/articles/PMC10805384/>

Type of production: Scientific paper

Position of signature: 5

Total no. authors: 11

Impact source: WOS (JCR)

Impact index in year of publication: 6,4

Position of publication: 8

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Category: Science Edition - BIOLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 109

Citations: 9

- 2** Aurileia Aparecida de Brito; Karine Zanella Herculano; Cristiano Rodrigo de Alvarenga-Nascimento; Cinta Estefano-Alves; Cinthya Cosme Gutierrez Duran; Rodrigo Labat Marcos; José Antonio Silva Junior; Maria Cristina Chavantes; Stella Regina Zamuner; Flávio Aimbire; Laia Lladó-Pelfort; Albert Gubern; Anna Fàbrega; Renata Kelly da Palma; Ana Paula Ligeiro de Oliveira. Effect of photobiomodulation in the balance between effector and regulatory T cells in an experimental model of COPD. *Frontiers in Medicine*. Frontiers, 2024. ISSN 2296-858X

DOI: 10.3389/fmed.2024.1347517

Type of production: Scientific paper

Position of signature: 11

Total no. authors: 15

Impact source: WOS (JCR)

Impact index in year of publication: 3

Position of publication: 61

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Category: Science Edition - MEDICINE, GENERAL & INTERNAL

Journal in the top 25%: Yes

No. of journals in the cat.: 332

Citations: 1

- 3** Maurizio Riga; Laia Lladó Pelfort; Francesc Artigas; Pau Celada. The serotonin hallucinogen 5-MeO-DMT alters cortico-thalamic activity in freely moving mice: Regionally- selective involvement of 5-HT1A and 5-HT2A receptors. *Neuropharmacology*. 142, pp. 219 - 230. PERGAMON-ELSEVIER SCIENCE LTD, 2018. ISSN 0028-3908

DOI: 10.1016/j.neuropharm.2017.11.049

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 4

Impact source: WOS (JCR)

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

**Impact index in year of publication:** 4,367**Position of publication:** 40**Source of citations:** WOS**Category:** Science Edition - PHARMACOLOGY & PHARMACY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 267**Citations:** 52

- 4** Laia Lladó Pelfort; Eva Troyano Rodríguez; Hanna E. Van den Munkhof; Ana Cervera Ferri; Noemí Jurado; Mercedes Núñez Calvet; Francesc Artigas; Pau Celada. Phencyclidine-induced disruption of oscillatory activity in prefrontal cortex: Effects of antipsychotic drugs and receptor ligands. *European Neuropsychopharmacology*. 26 - 3, pp. 614 - 625. 2016. ISSN 0924-977X

DOI: 10.1016/j.euroneuro.2015.11.015**Type of production:** Scientific paper**Position of signature:** 1**Total no. authors:** 8**Impact source:** WOS (JCR)**Impact index in year of publication:** 4,239**Position of publication:** 40**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Category:** Science Edition - PHARMACOLOGY & PHARMACY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 257**Citations:** 18

- 5** Eva Troyano Rodríguez; Laia Lladó Pelfort; Noemí Santana; Vicent Teruel Martí; Pau Celada; Francesc Artigas. Phencyclidine inhibits the activity of thalamic reticular gamma-aminobutyric acidergic neurons in rat brain. *Biological Psychiatry*. 76 - 12, pp. 937 - 945. ELSEVIER SCIENCE INC, 2014. ISSN 0006-3223

DOI: 10.1016/j.biopsych.2014.05.019**Type of production:** Scientific paper**Position of signature:** 2**Total no. authors:** 6**Impact source:** WOS (JCR)**Impact index in year of publication:** 10,255**Position of publication:** 10**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Category:** Science Edition - NEUROSCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 252**Citations:** 37

- 6** Laia Lladó Pelfort; Noemí Santana; Valentina Ghisi; Francesc Artigas; Pau Celada. 5-HT_{1A} receptor agonists enhance pyramidal cell firing in prefrontal cortex through a preferential action on GABA interneurons. *Cerebral Cortex*. 22 - 7, pp. 1487 - 1497. OXFORD UNIV PRESS INC, 2012. ISSN 1460-2199

DOI: 10.1093/cercor/bhr220**Type of production:** Scientific paper**Position of signature:** 1**Total no. authors:** 5**Impact source:** WOS (JCR)**Impact index in year of publication:** 6,828**Position of publication:** 24**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Category:** Science Edition - NEUROSCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 252**Citations:** 134



- 7** Laia Lladó Pelfort; Marie-Bernadette Assié; Adrian Newman Tancredi; Francesc Artigas; Pau Celada. In vivo electrophysiological and neurochemical effects of the selective 5-HT_{1A} receptor agonist, F13640, at pre- and postsynaptic 5-HT_{1A} receptors in the rat. *Psychopharmacology*. 221 - 2, pp. 261 - 272. SPRINGER, 2012. ISSN 1432-2072

DOI: 10.1007/s00213-011-2569-9

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 5

Impact source: WOS (JCR)

Impact index in year of publication: 4,061

Position of publication: 42

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Category: Science Edition - PHARMACOLOGY & PHARMACY

Journal in the top 25%: Yes

No. of journals in the cat.: 261

Citations: 44

- 8** Cecilia Scorza; Laia Lladó Pelfort; Sílvia Oller; Roser Cortés; D Puigdemont; Maria J. Portella; Víctor Pérez Egea; Elena Alvarez; Pau Celada; Víctor Pérez; Francesc Artigas. Preclinical and clinical characterization of the selective 5-HT_{1A} receptor antagonist DU-125530 for antidepressant treatment. *British Journal of Pharmacology*. 167 - 5, pp. 1021 - 1034. WILEY, 2012. ISSN 1476-5381

DOI: 10.1111/j.1476-5381.2011.01770.x

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 11

Impact source: WOS (JCR)

Impact index in year of publication: 5,067

Position of publication: 21

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Category: Science Edition - PHARMACOLOGY & PHARMACY

Journal in the top 25%: Yes

No. of journals in the cat.: 261

Citations: 36

- 9** Laia Lladó Pelfort; Marie-Bernadette Assié; Adrian Newman Tancredi; Francesc Artigas; Pau Celada. Preferential in vivo action of F15599, a novel 5-HT_{1A} receptor agonist, at postsynaptic 5-HT_{1A} receptors. *British Journal of Pharmacology*. 160 - 8, pp. 1929 - 1940. WILEY, 2010. ISSN 1476-5381

DOI: 10.1111/j.1476-5381.2010.00738.x

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 5

Impact source: WOS (JCR)

Impact index in year of publication: 4,93

Position of publication: 19

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Category: Science Edition - PHARMACOLOGY & PHARMACY

Journal in the top 25%: Yes

No. of journals in the cat.: 252

Citations: 99

- 10** Laia Lladó Pelfort; Pau Celada; Maurizio S. Riga; Eva Troyano Rodríguez; Noemí Santana; Francesc Artigas. Effects of Hallucinogens on Neuronal Activity. *BEHAVIORAL NEUROBIOLOGY OF PSYCHEDELIC DRUGS*. Current Topics in Behavioral Neuroscience. 36, pp. 75 - 105. Springer, 2018. ISSN 1866-3370, ISBN 978-3-662-55878-2

DOI: 10.1007/7854_2017_473

Type of production: Book chapter

Format: Book

**Position of signature:** 1**Degree of contribution:** Author or co-author of chapter in book**Total no. authors:** 6**Source of citations:** WOS**Citations:** 14

- 11** Francesc Artigas; Pau Celada; Laia Lladó Pelfort; Noemí Santana; Lucila Kargieman; Eva Troyano Rodríguez; Maurizio S. Riga. Disruption of thalamocortical activity in schizophrenia models: relevance to antipsychotic drug action. International Journal of Neuropsychopharmacology. 16 - 10, pp. 2145 - 2163. OXFORD UNIV PRESS, 2013. ISSN 1461-1457

DOI: 10.1017/S1461145713000643**Type of production:** Bibliographic review**Format:** Journal**Position of signature:** 3**Degree of contribution:** Author or co-author of review**Total no. authors:** 7**Impact source:** WOS (JCR)**Category:** Science Edition - CLINICAL NEUROLOGY**Impact index in year of publication:** 5,264**Journal in the top 25%:** Yes**Position of publication:** 19**No. of journals in the cat.:** 194**Source of citations:** WOS**Citations:** 22

- 12** Francesc Artigas; Esther Schenker; Pau Celada; Michael Spedding; Laia Lladó Pelfort; Noemí Jurado; Mercedes Núñez; Noemí Santana; Eva Troyano Rodríguez; Maurizio S. Riga; Hanna van den Munkhof; Anna Castañé; Hamdy Shabban; Thérèse M. Jay; Anushree Tripathi; Bill P. Godsil; Claude Sebban; Jean Mariani; Philippe Faure; Samir Takkilah; Zoe A. Hughes; Chester J. Siok; Mihail Hajos; Karsten Wicke; Natalia Gass; Wolfgang Weber Fahr; Alexander Sartorius; Robert Becker; Michael Didricksen; Jesper F. Bastlund; Mark Tricklebank; Céline Risterucci; Andreas Meyer Lindenberg; Adam J. Schwarz. Defining the brain circuits involved in psychiatric disorders: IMI-NEWMEDS. Nature Reviews Drug Discovery. 16 - 1, pp. 1 - 2. 2016. ISSN 1474-1776

Type of production: Editorial**Format:** Journal**Impact source:** WOS (JCR)**Category:** Science Edition - PHARMACOLOGY & PHARMACY**Impact index in year of publication:** 57**Journal in the top 25%:** Yes**Position of publication:** 1**No. of journals in the cat.:** 257**Source of citations:** WOS**Citations:** 18

Works submitted to national or international conferences

- 1** **Title of the work:** The hallucinogen 5-MeO-DMT simultaneously alters oscillatory activity in prefrontal and visual cortex: regionally- selective reversal by risperidone and 5-HT1A-R receptor blockade
Name of the conference: 10th FENS Forum of Neuroscience
Type of participation: Participatory - poster
City of event: Copenhagen, Denmark
Date of event: 2016
Organising entity: FENS
Pau Celada; Laia Lladó Pelfort; Maurizio S. Riga; Francesc Artigas.
- 2** **Title of the work:** Brain oscillatory patterns in 22q11.2 transgenic mice model of schizophrenia. Interaction with non- competitive NMDA-R antagonists
Name of the conference: 27th ECNP Congress
Type of event: Conference
Type of participation: Participatory - poster
City of event: Berlín, Germany



Date of event: 2014

Organising entity: ECNP

Francesc Artigas; Pau Celada; Laia Lladó Pelfort. En: European Neuropsychopharmacology. 24 - S, pp. 158 - 159.

- 3 Title of the work:** Phencyclidine-induced disruption of oscillatory activity in prefrontal cortex: Reversal by antipsychotic drugs

Name of the conference: Neuroscience 2014

Type of event: Conference

Type of participation: Participatory - oral communication

Reasons for participation: Upon invitation

City of event: Yokohama, Japan

Date of event: 2014

Organising entity: Japan Neuroscience Society

Laia Lladó Pelfort; Eva Troyano Rodríguez; Noemí Jurado; Francesc Artigas; Pau Celada.

Source of citations: WOS

Citations: 13

- 4 Title of the work:** Brain oscillatory patterns in 22q11.2 transgenic mice model of schizophrenia. Interaction with non- competitive NMDA-R antagonists

Name of the conference: Society for Neuroscience 2014

Type of participation: Participatory - poster

City of event: Washington, United States of America

Date of event: 2014

Organising entity: Society for Neuroscience

Francesc Artigas; Pau Celada; Laia Lladó Pelfort.

- 5 Title of the work:** Modeling EEG endophenotypes in a murine NMDA receptor antagonist model of schizophrenia

Name of the conference: ECNP Workshop on Neuropsychopharmacology for Junior Scientists in Europe

Type of participation: Participatory - poster

City of event: Niça, France

Date of event: 2014

Organising entity: ECNP

Laia Lladó Pelfort; Francesc Artigas; Anna Castañé. En: European Neuropsychopharmacology. 24 - S, pp. 51 - 52.

- 6 Title of the work:** Modeling EEG endophenotypes in a murine NMDAR antagonist model of schizophrenia

Name of the conference: 9th FENS Forum of Neuroscience

Type of participation: Participatory - poster

City of event: Milà, Italy

Date of event: 2014

Organising entity: FENS

Anna Castañé; Laia Lladó Pelfort; Francesc Artigas.

- 7 Title of the work:** Disruption of low frequency oscillations by phencyclidine: mechanisms involved in antipsychotic reversal

Name of the conference: 26th ECNP Meeting

Type of participation: Participatory - poster

City of event: Barcelona, Spain

Date of event: 2013

Organising entity: ECNP



Laia Lladó Pelfort; Eva Troyano Rodríguez; Noemí Jurado; Pau Celada; Francesc Artigas. En: European Neuropsychopharmacology. 23 - S2, pp. 454 - 454.

8 Title of the work: In vivo inhibition of the reticular nucleus of the thalamus by phencyclidine in rat brain

Name of the conference: 26th ECNP Meeting

Type of participation: Participatory - poster

City of event: Barcelona, Spain

Date of event: 2013

Organising entity: ECNP

Eva Troyano Rodríguez; Laia Lladó Pelfort; Noemí Santana; Vicent Teruel Martí; Pau Celada; Francesc Artigas. En: European Neuropsychopharmacology. 23 - S2, pp. 423 - 424.

9 Title of the work: Neurobiological bases of acute and repeated PCP-based mice models of schizophrenia

Name of the conference: 15th EBPS Biennial Meeting

Type of participation: Participatory - poster

City of event: La Rochelle, France

Date of event: 2013

Organising entity: EBPS

Anna Castañé; Laia Lladó Pelfort; Noemí Santana; Francesc Artigas. En: Behavioural Pharmacology. 24 - A, pp. e24 - e24.

10 Title of the work: GABAergic interneurons are involved in the excitatory action of 8-OH-DPAT on prefrontal cortex pyramidal neurons

Name of the conference: EMBO Workshop: Cortical Interneurons in Health and Disease

Type of participation: Participatory - poster

City of event: Mallorca, Spain

Date of event: 2012

Organising entity: EMBO

Laia Lladó Pelfort; Eva Troyano; Noemí Santana; Valentina Ghisi; Pau Celada; Francesc Artigas.

Other achievements

Obtained accreditations/recognitions

1 Description: Sexenni de Recerca 2013-2018

Accrediting entity: AGENCIA PER A LA QUALITAT DEL SISTEMA UNIVERSITARI DE CATALUNYA

Date of recognition: 10/12/2019

2 Description: Sexenni de Recerca 2007-2012

Accrediting entity: AGENCIA PER A LA QUALITAT DEL SISTEMA UNIVERSITARI DE CATALUNYA

Date of recognition: 12/12/2014