



ALLA MAGNIFICA RETTRICE
DELL'UNIVERSITA' DEGLI STUDI DI MILANO

COD. ID: 6986

Il sottoscritto chiede di essere ammesso a partecipare alla selezione pubblica, per titoli ed esami, per il conferimento di un assegno di ricerca presso il Dipartimento di __Scienze Biomediche e Cliniche__

Responsabile scientifico: __ Prof. Perrotta Cristiana__

Clara Bartra Cabré

CURRICULUM VITAE

INFORMAZIONI PERSONALI

Cognome	Bartra Cabré
Nome	Clara

OCCUPAZIONE ATTUALE

Incarico	Struttura

ISTRUZIONE E FORMAZIONE

Titolo	Corso di studi	Università	anno conseguimento titolo
Laurea Magistrale o equivalente	Master's degree in translational biomedical Research	VHIR - Autonomous university of Barcelona	2020
Specializzazione			
Dottorato Di Ricerca	Biotechnology	University of Barcelona	2024
Master			
Diploma Di Specializzazione Medica			
Diploma Di Specializzazione Europea			
Altro	Bachelor's degree in Biology	University of Barcelona	2019

ISCRIZIONE AD ORDINI PROFESSIONALI

Data iscrizione	Ordine	Città
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LINGUE STRANIERE CONOSCIUTE

lingue	livello di conoscenza
Catalan	Mother tongue
Spanish	Mother tongue
English	C1
French	B1

PREMI, RICONOSCIMENTI E BORSE DI STUDIO

anno	Descrizione premio

ATTIVITÀ DI FORMAZIONE O DI RICERCA

descrizione dell'attività
Communication and interpersonal skills <ul style="list-style-type: none">- 28th science week: participating in the organization and conducting the practical course on biomedical research: advanced microscopy - IIBB-CSIC, Barcelona, Spain [Nov 13 – 14 2023]- Collaboration in the organization of the outreach activity for high-school students “Generació Ciència” - IDIBAPS, Barcelona, Spain [Nov 16 – 17 2022]- Technical supervision of bachelor and master students - IIBB-CSIC, Barcelona, Spain [2020-2024]
Training course for personnel user of experimental animals for the functions of taking care of, killing, carrying out procedures and designing procedures and projects (functions a, b, c and d) in rodents and fish (DTES/2018/11/abcd) - CCiTUB, University of Barcelona, Spain [20/11/2023 - 17/01/2024]
Workshop: Data visualization with R and ggplot2: from data to publication-quality Graphics - Clarivate, Sarah Bonnin, IDIBAPS, Barcelona, Spain [18/10/2023 - 19/10/2023]
Microscopy course - IDIBAPS, Barcelona, Spain [05/10/2023 - 05/10/2023]
Artificial Intelligence Training - Konektor Metaverse S.L, Alex Bastarós, University of Barcelona, Barcelona, Spain



[21/09/2023 - 22/09/2023]
Oral Presentations: Beyond Slides - ThePaperMill, IDIBAPS, Barcelona, Spain [23/03/2023 - 23/03/2023]
Good Scientific Practices (CBPC, X edition) - General CSIC Foundation (FGCSIC), online [07/03/2022 - 07/04/2022]
Safety in the Handling of Compressed Gases and Risks of Gases according to their Nature - Air Liquide, Formative course CSIC, IIBB, Barcelona [14/07/2021 - 14/07/2021]
Management of Toxic and Hazardous Waste - Consenur, Formative course CSIC, IIBB, Barcelona, Spain [06/05/2021 - 06/05/2021]

ATTIVITÀ PROGETTUALE

Anno	Progetto
2021-2023	Validation first in class candidate of soluble epoxide hydrolase inhibitor for the treatment of Alzheimer's disease. Biochemical and molecular evaluation. Spanish MICINN (PDC2021-121096-C22). PI: Sanfeliu C.
2020-2024	Soluble Epoxide hydrolase modulation in brain and peripheral tissues: Involvement in early neuroinflammation. Spanish MICINN (PID2019-106285RB-C22). PI: Sanfeliu C.

TITOLARITÀ DI BREVETTI

Brevetto

CONGRESSI, CONVEGNI E SEMINARI

Data	Titolo	Sede
07/10/2023 - 10/10/2023	Poster presentation: Bartra C, Vuraic K, Yuan Y, Valdés H, Codony S, Sawkulycz X, Slevin M, Vázquez S, Suñol, C, Sanfeliu C. Soluble epoxide hydrolase inhibitors counteract microglia pro-inflammatory response induced by monomeric C-reactive protein.	36th ECNP Congress Barcelona, Spain
07/07/2022 - 08/07/2022	Poster presentation: Bartra C, Jager LA, Alcarraz A, Meza A, Sangüesa G, Corpas R, Guasch E, Batlle M, Sanfeliu C. Antioxidant molecular brain changes parallel adaptive cardiovascular response to forced running in mice.	XII neurobiology symposium, neuro SCB Barcelona, Spain

PUBBLICAZIONI

Libri



[titolo, città, editore, anno...]

Articoli su riviste

- **Bartra C**, Yuan Y, Vuraić K, Valdés-Quiroz H, Garcia-Baucells P, Slevin M, Pastorello Y, Suñol C, Sanfeliu C. **Resveratrol Activates Antioxidant Protective Mechanisms in Cellular Models of Alzheimer's Disease Inflammation**. *Antioxidants*. 2024 Jan 31; 13; 177. doi: 10.3390/antiox13020177
- Sanfeliu C, **Bartra C**, Suñol C, Rodríguez-Farré E. **New insights in animal models of neurotoxicity-induced neurodegeneration**. *Frontiers in Neuroscience*. 2024 Jan 08; 17. doi: 10.3389/fnins.2023.1248727.
- **Bartra C**, Irisarri A, Villoslada A, Corpas R, Aguirre S, García-Lara E, Suñol C, Pallàs M, Griñán-Ferré C, Sanfeliu C. **Neuroprotective Epigenetic Changes Induced by Maternal Treatment with an Inhibitor of Soluble Epoxide Hydrolase Prevents Early Alzheimer's Disease Neurodegeneration**. *Int J Mol Sci*. 2022 Dec 2;23(23):15151. doi: 10.3390/ijms232315151.
- **Bartra C**, Jager LA, Alcarraz A, Meza-Ramos A, Sangüesa G, Corpas R, Guasch E, Batlle M, Sanfeliu C. **Antioxidant Molecular Brain Changes Parallel Adaptive Cardiovascular Response to Forced Running in Mice**. *Antioxidants (Basel)*. 2022 Sep 23;11(10):1891. doi: 10.3390/antiox11101891.
- Codony S, Pont C, Griñán-Ferré C, Di Pedè-Mattatelli A, Calvó-Tusell C, Feixas F, Osuna S, Jarné-Ferrer J, Naldi M, Bartolini M, Loza MI, Brea J, Pérez B, **Bartra C**, Sanfeliu C, Juárez-Jiménez J, Morisseau C, Hammock BD, Pallàs M, Vázquez S, Muñoz-Torrero D. **Discovery and In Vivo Proof of Concept of a Highly Potent Dual Inhibitor of Soluble Epoxide Hydrolase and Acetylcholinesterase for the Treatment of Alzheimer's Disease**. *J Med Chem*. 2022 Mar 24;65(6):4909-4925. doi: 10.1021/acs.jmedchem.1c02150. Epub 2022 Mar 10.
- Martín-López J, Codony S, **Bartra C**, Morisseau C, Loza MI, Sanfeliu C, Hammock BD, Brea J, Vázquez S. **2-(Piperidin-4-yl)acetamides as Potent Inhibitors of Soluble Epoxide Hydrolase with Anti-Inflammatory Activity**. *Pharmaceuticals (Basel)*. 2021 Dec 17;14(12):1323. doi: 10.3390/ph14121323.
- García-Lara E, Aguirre S, Clotet N, Sawkulycz X, **Bartra C**, Almenara-Fuentes L, Suñol C, Corpas R, Olah P, Tripon F, Crauciuc A, Slevin M, Sanfeliu C. **Antibody Protection against Long-Term Memory Loss Induced by Monomeric C-Reactive Protein in a Mouse Model of Dementia**. *Biomedicines*. 2021 Jul 16;9(7):828. doi: 10.3390/biomedicines9070828.

Atti di convegni

[titolo, struttura, città, anno]

ALTRE INFORMAZIONI

Expertise:

During my PhD, I gained extensive experience in mammalian cell culture, focusing on microglia cell lines and primary microglia. I developed strong molecular biology skills, including DNA/RNA extraction, RT-PCR, ELISA, Western blotting, and immunohistochemistry, which I applied to research on neuroinflammation in Alzheimer's disease using mouse models. My research involved testing anti-inflammatory compounds and administering treatments to cell cultures, which enhanced my expertise in cell-based assay development



and confocal microscopy. Additionally, my passion for teaching emerged as I mentored BSc and MSc students, using my communication skills to support their experimental work.

Le dichiarazioni rese nel presente curriculum sono da ritenersi rilasciate ai sensi degli artt. 46 e 47 del DPR n. 445/2000.

Il presente curriculum, non contiene dati sensibili e dati giudiziari di cui all'art. 4, comma 1, lettere d) ed e) del D.Lgs. 30.6.2003 n. 196.

RICORDIAMO che i curricula **SARANNO RESI PUBBLICI sul sito di Ateneo** e pertanto si prega di non inserire dati sensibili e personali. Il presente modello è già precostruito per soddisfare la necessità di pubblicazione senza dati sensibili.

Si prega pertanto di **NON FIRMARE** il presente modello.

Luogo e data: 14/11/2024, Barcelona, Spain.