

Clara Massaneda Tuneu

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EDUCATION AND QUALIFICATIONS

02/23-Current	Doctor of Philosophy (Psychiatry) Black Dog Institute, University of New South Wales (UNSW) Thesis topic: Cognitive potential in Electroconvulsive Therapy	Sydney, Australia
10/20- 07/23	Master's degree - Integrative psychotherapy Alcala University <i>1st year grade: 9,36/10 (Excellent)</i> <i>2nd year grade: 9,11/10 (Excellent)</i> <i>3rd year grade: 9,23/10 (Excellent)</i>	Madrid, Spain
5/17-05/21	Residency in Psychiatry at Bellvitge Univeristy Hospital University of Barcelona (UB) <i>Overall grade: 9/10 (Excellent)</i>	Barcelona, Spain
9/10- 6/16	Medical degree – Bachelor of Medicine and Surgery (MBBS) University Autnoma of Barcelona (UAB) <i>Overall grade: 7,92/10 (Distinction)</i>	Barcelona, Spain

PROFESSIONAL EXPERIENCE

04/23- Current	Ramsay Clinic Northside Research Officer (0.1 FTE)	Sydney, Australia
10/21- 11/22	ARA Psychological Centre Consultant Psychiatrist (private practice – 0.4 FTE).	Barcelona, Spain
05/21- 08/22	Parc Sanitari de Sant Joan de Déu Consultant Psychiatrist (1.0 FTE)	Barcelona, Spain
05/17-05/21	Bellvitge University Hospital Ministry of Health Registrar Psychiatrist (1.0 FTE)	Barcelona, Spain

RESEARCH EXPERIENCE

02/02- Current	Member of the Coordination Team Clinical Alliance and Research in ECT and Related Treatments (CARE) Network. <ul style="list-style-type: none">• Support best clinical practice by selecting and suggesting the best measures to meet data collection standards and provide them to hospitals and clinicals services.• Research: use collated data from across the international network to examine how different treatment practices influence outcomes and cost-effectiveness.<ul style="list-style-type: none">○ Associate investigator of seminal research projects within the CARE Network.○ Principal investigator of a research project on the long-term safety of racemic ketamine.	Sydney, Australia
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03/02- Current	<p>Associate Investigator/ Study psychiatrist</p> <p>1) Randomised Controlled Trial of Frontoparietal and Temporoparietal Electroconvulsive Therapy (ECT) for Severe Depression: The RAFT ECT Study. <i>Ramsay Clinic Northside</i></p> <ul style="list-style-type: none"> • Screening and enrolment of participants. • Data collection and safety monitoring. • Statistical Analysis. 	Sydney, Australia
10/19- 1/23	<p>Pre-doctoral researcher (part-time) IDIBELL (Bellvitge Biomedical Research Institute) Psychiatry and Mental Health</p> <ul style="list-style-type: none"> • Sub-investigator at FIS PI15 / 00662: "<i>Study of the regulation of Nrf2 expression in major depression by analysing epigenetic changes in the gene NFE2L2: association with allostatic load and clinical variables</i>". Role: Recruiting and screening of potential participants, assessment of participants, administration of rating scales and cognitive batteries, communication with other personnel involved in the study, ECT treatment and follow-up participants. • Sub-investigator of several studies regarding the use of Electroconvulsive therapy and mood disorders. <ul style="list-style-type: none"> ○ Data collection, entry and analysis. Preparation of manuscripts for publication in indexed journals. ○ Translation of research documents and protocols into English and Spanish. • Collaborator researcher with Emory University School of Medicine in the validation and adaptation of the ECCA Scale (Hermida et al, 2019) to Spanish. Role: recruitment of participants. Data entry and analysis. Coordination and communication with other personnel involved in the study. Preparation of the manuscript. 	Barcelona, Spain

RESEARCH PUBLICATIONS

JOURNAL ARTICLES

1. Sánchez-Carro Y, de la Torre-Luque A, Leal-Leturia I, Salvat-Pujol N, **Massaneda C**, de Arriba-Arnau A, Urretavizcaya M, Pérez-Solà V, Toll A, Martínez-Ruiz A, Ferreirós-Martínez R, Pérez S, Sastre J, Álvarez P, Soria V, López-García P. Importance of immunometabolic markers for the classification of patients with major depressive disorder using machine learning. *Prog Neuropsychopharmacol Biol Psychiatry*. 2022 Nov; 8;121:110674. PMID: 36332700. Doi: 10.1016/j.pnpbp.2022.110674
URL: <https://pubmed.ncbi.nlm.nih.gov/36332700/>
2. Monreal JA, Salvat-Pujol N, González-Rodríguez A, Urretavizcaya M, Crespo JM, Nadal R, de Arriba-Arnau A, **Massaneda C**, Palao D, Menchón JM, Labad J, Soria V. The relationship between sex, personality traits, and the hypothalamic-pituitary-adrenocortical axis. *Arch Womens Ment Health*. 2022 Aug;25(4):693-703. PMID: 35732898. Doi: 10.1007/s00737-022-01241-9
URL: <https://pubmed.ncbi.nlm.nih.gov/35732898/>
3. Sánchez-Carro Y, de la Torre-Luque A, Portella MJ, Leal-Leturia I, Salvat-Pujol N, **Massaneda C**, de Arriba-Arnau A, Urretavizcaya M, Peretó M, Toll A, Martínez-Ruiz A, Ferreiros-Martinez R, Álvarez P, Soria V, López-García P. Relationship between immunometabolic status and cognitive performance among major depression disorder patients. *Psychoneuroendocrinology*. 2022 Mar;137:105631. PMID: 34929555. Doi: 10.1016/j.psyneuen.2021.105631
URL: <https://pubmed.ncbi.nlm.nih.gov/34929555/>
4. **Massaneda-Tuneu C**, Martínez-Fernández L, de Arriba-Arnau A, Soria V, Urretavizcaya M. Is increasing the pulse width from 0.5 to 1 ms an effective strategy to optimise clinical and electrical outcomes in bilateral ECT treatment? *Psychiatry Clin Neurosci*. 2022 Jan;76(1):33-35.

PMID: 34713536. Doi: 10.1111/pcn.13308

URL: <https://pubmed.ncbi.nlm.nih.gov/34713536/>

5. Sánchez-Carro Y, de la Torre-Luque A, Portella MJ, Leal-Leturia I, Salvat-Pujol N, **Massaneda C**, de Arriba-Arnau A, Urretavizcaya M, Peretó M, Toll A, Martínez-Ruiz A, Ferreiros-Martinez R, Álvarez P, Soria V, López-García P. Relationship between immunometabolic status and cognitive performance among major depression disorder patients. *Psychoneuroendocrinology*. 2022 Mar;137:105631.

PMID: 34929555. Doi: 10.1016/j.psyneuen.2021.105631

URL: <https://pubmed.ncbi.nlm.nih.gov/34929555/>

6. Ferrer A, Soria V, Salvat-Pujol N, Martorell L, Armario A, Urretavizcaya M, Gutiérrez-Zotes A, Monreal JA, Crespo JM, **Massaneda C**, Vilella E, Palao D, Menchón JM, Labad J. The role of childhood trauma, HPA axis reactivity and FKBP5 genotype on cognition in healthy individuals. *Psychoneuroendocrinology*. 2021 Jun;128:105221.

PMID: 33866068. DOI: 10.1016/j.psyneuen.2021.105221.

URL: <https://pubmed.ncbi.nlm.nih.gov/33866068/>

IN PRESS

1. Massaneda C, Loo C, Martin D (In press). Patient's cognitive potential as a predictor of cognitive outcomes from electroconvulsive therapy. *Journal of ECT*.

ONGOING RESEARCH PROJECTS

1. Adaptation and validation of the Spanish version of ECCA (ElectroConvulsive therapy Cognitive Assessment) - Emory University School of Medicine.
2. Long-term safety of racemic ketamine in participants with treatment-resistant depression - CARE Network.

CONFERENCE PARTICIPATION

1. Oral communication **Australasian Brain Stimulation Society (11/23)** Sydney, Australia
Predicting cognitive performance after Electroconvulsive Therapy based on patients' cognitive potential
2. Oral communication **XXII Spanish National Congress of Psychiatry (09/19)** Bilbao, Spain
Pulse width changes from 0.5 to 1 ms as a strategy to optimize results in electroconvulsive therapy in elderly patients.
3. Poster presentation **27th European Psychiatry Congress (04/19)** Warsaw, Poland
Comparison of cognitive effects between 0.5 milliseconds and 1 milliseconds pulse width bilateral electroconvulsive therapy in major depression.
4. Symposium speaker **GEDEPSI Reunion (03/19)** Barcelona, Spain
Psychological impact of scars after domestic accidents in children

CONGRESS POSTERS

- April 2021 - **29th European Psychiatry Congress.** Online
C. Massaneda Tuneu, P.Arroyo, J Gacón, V.Soria. Psychotic symptoms in Danon disease: a clinical case report.
- July 2020 - **28th European Psychiatry Congress (EPA).** Online
A. de Arriba Arnau, **C. Massaneda**, L. Martínez Fernández, V. Soria· N. Salvat, M. González- Águila, J. Menchón Magrina , M. Urretavizcaya. Particularities of psychotic depression and its response to electroconvulsive therapy (ECT) in comparison with nonpsychotic depression.
- September 2019 - **32nd European Congress of Neuropsychopharmacology (ECNP).** Copenhagen, Denmark
L.Martínez Fernández, **C. Massaneda**, A. de Arriba Arnau , V. Soria , N. Salvat-Pujol, J.M. Menchón, M. Urretavizcaya.
Electroconvulsive therapy in elderly people: age should not be a limiting factor in our daily practice.
- April 2019 - **27th European Psychiatry Congress.** Warsaw, Poland
1. L. Mar Barrutia, C. Massaneda Tuneu; J.Segalàs Cosi; E. Real Barrero; P.Alonso Ortega; S.Bertolín Triquell; JM Menchón Magriña *Ten-year results for deep brain stimulation in severe resistant obsessive compulsive disorder: a prospective*

descriptive study.

2. L. Martínez Fernández, **C.Massaneda**, A. de Arriba Arnau, V. Soria , N. Salvat---Pujol , J.M. Menchón, M. Urretavizcaya. *The role of gender in electroconvulsive therapy: a factor to consider in our daily practice.*

October 2018 - **XXI National Congress of Psychiatry.**

Granada, Spain

1. **C. Massaneda Tuneu**, L.Martinez Fernández, A. de Arriba Arnau, V. Soria , N. Salvat---Pujol , J.M. Menchón, M. Urretavizcaya. Comparative study of the efficacy of 0.5 and 1 ms pulse width in electroconvulsive therapy.

2. L. Martínez Fernández, **C.Massaneda-Tuneu**, A. de Arriba Arnau, V. Soria , N. Salvat-Pujol , J.M. Menchón, M. Urretavizcaya. Change in pulse width and short- and long-term clinical response in 42 sessions of Electroconvulsive Therapy.

3 L. Mar Barrutia; **C. Massaneda-Tuneu**; J.Segalàs Cosi; E. Real Barrero; P.Alonso Ortega; S.Bertolín Triquell; JM Menchón Magriña. Deep Brain Stimulation (DBS) in Treatment-Refractory Severe Obsessive-Compulsive Disorder: A Prospective Comparative Study.

TEACHING EXPERIENCE

2017- 2022	Lecturer of the ECT Course Bellvitge University Hospital Lecturer at “Intensive Course of Electroconvulsive Therapy (ECT) and other physical therapies” led by Prof Urretavizcaya. Role: teaching the practical application of ECT to the attendants.	Barcelona, Spain
2017-2022	Supervision and evaluation of internship students of medicine and psychiatry residents. University of Barcelona, Faculty of Medicine.	Barcelona, Spain
2018	Workshop ‘Psychiatric emergencies’ Bellvitge University Hospital. Theoretical and Practical Workshop for medical residents.	Barcelona, Spain
2017-2019	Conjoint Lecturer University of Barcelona, Faculty of Medicine. Seminars and formal lectures of psychopathology, psychiatric interview and clinical cases.	Barcelona, Spain
2014	VIII Congress of Medical Emergencies. Sant Pau Hospital Organising Committee, Theoretical and Practical Workshop of Medical congress for medical students.	Barcelona, Spain

PROFESSIONAL MEMBERSHIPS

2023- Current	Society for Mental Health Research (SMHR)- Member.
2019 - Current	Catalan Society of Psychiatry (SCPiSM) - Member.
2019 - Current	Spanish Society of Psychiatry (SEP) - Member.
2021 - Current	Research on Women and Mental Health (SCPiSM) - Member and part of the organising committee.

SCHOLARSHIPS AND AWARDS

2023	Discipline of Psychiatry & Mental Health HDR Funding.
2023	Honorary appointment at Black Dog Institute.
2022	Grant award. Australian Government Research Training Program Scholarship (RTP).
2020	Grant award. Spanish Society of Psychiatry (SEP) for training abroad for residents of Psychiatry.

COMPLEMENTARY ACADEMICAL ACTIVITIES

7/23	Ketamine Course at Black Dog Institute	Sydney, Australia
6/23	ECT Advanced Course at Wesley Hospital Kogarah	Sydney, Australia
09/22	XII Workshop of the Bank of Instruments and Methodologies in Mental Health CIBERSAM	Barcelona, Spain

05/21	XVI Conference Spanish School of Psychotherapy	Online
04/21	28th European Congress of Psychiatry	Online
12/20	9th edition of Intensive Conference on Resistant Pathologies	Online
10/20	XXIII National Congress of Psychiatry	Online
09/19	XXII National Congress of Psychiatry	Bilbao, Spain
04/19	XXXIV Course on behaviour and behavioural therapy in clinical practice	Barcelona Spain
04/19	27 th European Psychiatry Congress.	Warsaw, Poland
10/18	XXI National Congress of Psychiatry	Granada, Spain
04/18	Intensive course of Electroconvulsive Therapy (ECT) and other physical therapies Bellvitge University Hospital	Barcelona, Spain

LANGUAGES

Catalan and Spanish (Native)

English (Proficient)

2023 - IELTS Academic Exam. Overall score: 8/9

2013 - Certificate in Advanced English- Oxford University, UK.

2009 - First Certificate in English- Oxford University, UK.

French (B2)

2007- DELF B2 Exam

SKILLS AND COMPETENCIES

General adult Psychiatry – Inpatient and Outpatient.

Mood and psychotic disorders

Electroconvulsive Therapy

Integrative psychotherapy

Therapeutic alliance

Ethical decision-making process

Communication - academic writing, presentation skills, speaking policy and non-expert audiences.

Data analysis, project management.

Interpersonal: networking, teamwork, conflict resolution.

Word, Excel, PPT

SPSS, Jamovi

CANTAB Cognitive Research Software