

The improvement of health has been the guiding principle of my research trajectory and my engagement in community-based initiatives. Adopting a reflective and ethical approach, I am committed to advancing a form of science that is both responsible and inclusive—one that recognizes and integrates the diversity of perspectives and ways of knowing. Since 2019, within the ToNIC Unit (UMR1214 Inserm/UT3), my research has focused on **non-pharmacological interventions**, with the objective of identifying **predictive factors of disease progression and therapeutic response** in **chronic pain**. By bridging **clinical neuroscience** with **qualitative** and **quantitative methodologies**, this interdisciplinary and participatory research is situated within an integrative One Health framework. As a member of the DeterMIND team, I contribute to connecting determinants, models, and indicators to elucidate underlying mechanisms and inform **personalized therapeutic decision-making**.

Current position: CNRS researcher (CRCN), section 28 (Neurosciences). ToNIC - UMR1214, Toulouse

Professional address: ToNIC - Pavillon Baudot - CHU Purpan - Place du Dr Baylac | 31024 Toulouse

Education

2020	Habilitation as Research Director	University of Toulouse
2020	Good Clinical Practice Certification	University hospital of Toulouse
2017 - 2018	Master degree in Neuropsychology & Neurosciences	University of Toulouse
2015 - 2017	Reflexology certification	RTTFA Paris
2004 - 2008	PhD in BioTechnology	University of Grenoble

Professional career (in reverse chronological order)

2020	CNRS researcher (CRCN), section 28. Assigned to ToNIC - UMR1214, Toulouse Methodology for assessing Non-Pharmacological Interventions (NPIs), Chronic Pain management, Mechanisms underlying treatment or intervention effects (Personality, context, cerebral correlates...)
2011	Recruitment as CNRS researcher (CR2 then CR1), section 8. LAAS - UPR 8001, Toulouse Investigator and scientific coordinator of the brain implant project (Biomaterials)
2010	RDI Research Manager , Biomérieux Industry, Marcy l'étoile Design of an innovative biosensor for real-time in situ detection of pathogens
2009	Recruitment as assistant researcher , CEA Grenoble
2008	Recruitment as assistant researcher , NSysA- ENSCPB, Bordeaux

Investigator and/or scientific coordinator several research projects addressing non-pharmacological interventions, chronic pain mechanisms, and integrative health approaches:

DOLORA: Design of a multidimensional pain assessment tool for women.

DOREPAR: Impact of foot reflexology on chronic pain in Parkinson's patients.

PDPain: Pathophysiology of Parkinson's disease Pain.

EndoTEP: New diagnostic tool for detection and characterization of endometriosis lesions.

Reflex'Willi: Effect of foot reflexology on behavioral disorders and anxiety in children diagnosed with SPW.

NPIModel: Standardised Framework for Evaluating Non-Pharmacological Interventions in French Health Context.

FOOT: Changes of cerebral functional connectivity induced by foot reflexology in a RCT.

Committee Service and Professional Activities of General Interest

2024	Co-Presidente of the association that manages an integrative health magazine (HEGEL)
2023	Member of the Scientific Committee of the Independent Research Institute on Self-Healing (IRIA)
2021	Member of the Non-Pharmacological Intervention Society (NPIS) + head of research division
2021	INSERM correspondent for professional equality
2021	Member of steering committee of the Toulouse Mind and Brain Institute (TMBI 2.0)
2019	Founder of the Think & Do Tank « GER », evaluating the effectiveness of reflexology
2013	Founding member of a French Endometriosis Association
	Participation in the organization of 30 workshops/ summer schools/ conferences/ seminars