FINAL RESUME ON THE RESEARCH UNIT
NutriNeuro - Nutrition and Integrative Neurobiology

UNDER THE SUPERVISION OF THE FOLLOWING INSTITUTIONS AND RESEARCH BODIES:

Université de Bordeaux
Institut national de recherche pour l'agriculture, l'alimentation et l'environnement - INRAE
Bordeaux INP

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EVALUATION CAMPAIGN 2020-2021
GROUP B

Report published on June, 02 2021

In the name of Hcéres[1]:	In the name of the experts committee[2]:
Mr Thierry Coulhon, President	Mr Carmine Pariante, Chairman of the committee

Under the decree No.2014-1365 dated 14 November 2014,
[1] The president of Hcéres "countersigns the evaluation reports set up by the experts committees and signed by their chairman." (Article 8, paragraph 5);
[2] The evaluation reports "are signed by the chairman of the experts committee". (Article 11, paragraph 2).

Tables in this document were filled with certified data submitted by the supervising body on behalf of the unit.

UNIT PRESENTATION

Unit name:
Nutrition and Integrative Neurobiology

Unit acronym:
NutriNeuro

Current label and N°:
UMR

ID RNSR:
200617985C

Application type:
Renewal

Head of the unit (2020-2021):
Ms Sophie Layé

Project leader (2021-2025):
Ms Lucile Capuron

Number of teams and/or themes:
2 at present and 3 for the next contract.

EXPERTS COMMITTEE MEMBERS

Chair:	Mr Carmine Pariante, King's College London, UK
Experts:	Ms Manuela Argentini, CNRS, Paris (supporting personnel)
	Ms Julie Chowen, Hospital Infantil Universitario Niño Jesús, Madrid, Spain
	Mr Gerard Clarke, University College Cork, Ireland
	Ms Sophie Nicklaus, INRAE, Dijon (representative of INRAE CSS NuTox)
	Ms Sonia Pellissier, Université Savoie Mont Blanc, Chambéry (representative of CNU)

HCÉRES REPRESENTATIVE

Mr Jean-Paul Lallès

REPRESENTATIVES OF SUPERVISING INSTITUTIONS AND BODIES

Mr Lionel Brétillon, INRAE
Mr Olivier Lavialle, INRAE
Mr Philippe Moretto, Université de Bordeaux
Mr Marc Phalippou, INP
Ms Nathalie Sans, Bordeaux Neurocampus

INTRODUCTION

HISTORY AND GEOGRAPHICAL LOCATION OF THE UNIT

The NutriNeuro institute was created on January 1st, 2011 and renewed on January 1st, 2014. NutriNeuro is located on the Carreire campus (University of Bordeaux), close to the CHU Pellegrin and CH Charles Perrens Hospitals.

RESEARCH ECOSYSTEM

NutriNeuro is part of the research federation Bordeaux Neurocampus and the Labex BRAIN, with all other labs and facilities in Neuroscience (Bordeaux Imaging Center, Biochemical platform, Equipex Optopath) located on the Carreire campus. CHU Pellegrin and CH Charles Perrens hospitals are respectively dedicated to Human health (all domains) and psychiatric diseases.

HCÉRES NOMENCLATURE AND THEMATICS OF THE UNIT

SVE5
The general aim of the NutriNeuro unit is to promote research in nutrition and health and to provide solid and objective scientific data to understand how nutrition contributes to brain function and health.

MANAGEMENT TEAM

Director: Ms Sophie Layé (INRAE); Deputy-director: Ms Véronique Pallet (Bordeaux INP).
Next contract: Director: Ms Lucile Capuron (INRAE); Deputy-directors: Ms Véronique Pallet (Bordeaux INP) and Mr Bruno B Aouizerate (University of Bordeaux).

UNIT WORKFORCE

NutriNeuro

Active staff	Number 06/01/2020	Number 01/01/2022
Full professors and similar positions	5	4
Assistant professors and similar positions	7	7
Full time research directors (Directeurs de recherche) and similar positions	4	4
Full time research associates (Chargés de recherche) and similar positions	6	7
Other scientists ("Conservateurs, cadres scientifiques des EPIC, fondations, industries, etc.")	2	4
High school teachers	0	0
Supporting personnel (ITAs, BIATSSs and others, notably of EPICs)	18	14
Permanent staff	**42**	**40**
Non-permanent professors and associate professors, including emeritus	2	
Non-permanent full time scientists, including emeritus, post-docs (except PhD students)	10	
PhD Students	17	
Non-permanent supporting personnel	2	
Non-permanent staff	**31**	
Total	**73**	**40**

GLOBAL ASSESSMENT OF THE UNIT

NutriNeuro is an excellent to outstanding unit, focused on some of the most important research and clinical questions at the interface between nutrition, brain, health, and behaviour, and certainly among the top research groups in the world for this area. Of note, the quality of the research performed by the Nutrition and Psychoneuroimmunology team has to be highlighted. The strategy is profoundly translational, from molecular and cellular investigation, to animal models, to clinical studies that integrate biomarkers with neuroimaging as well as develop new therapeutic approaches in the context of clinical trials. The unit has developed considerably over the last five years in terms of number of staff and students, scientific output, funding income, and international presence, with a proactive response to the comments and recommendations from the previous review committee. The unit has a diversified successful range of activities beyond the core research focus, including a very active and multidisciplinary teaching and training programme, community outreach to schools and the public, and collaborations with companies. Due to the continued expansion of the unit, the programme of work for the next five years has been re-organized around three new teams made from the present two teams. This is an outstanding and innovative research strategy, centred around the concept of personalized interventions in nutrition for mental health. The programme of work will bring mechanistic understanding of the effects of nutrition on the brain, using the latest technological innovations. Moreover, it will establish novel clinical cohorts, leading to new solutions to promote healthy aging and to prevent and treat mental disorders.

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