

FINAL RESUME ON THE RESEARCH UNIT  
IN CIA - Institut de Neurosciences Cognitives et  
Intégratives d'Aquitaine

UNDER THE SUPERVISION OF THE  
FOLLOWING INSTITUTIONS AND  
RESEARCH BODIES:

Université de Bordeaux

Centre National de la Recherche Scientifique -  
CNRS

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**EVALUATION CAMPAIGN 2020-2022**  
GROUP B



In the name of Hcéres<sup>1</sup>:

Mr Thierry Coulhon,  
President

In the name of the experts committee<sup>2</sup>:

Mr Simon Thorpe, Chairman of the  
committee

Under the decree No.2014-1365 dated 14 November 2014,

<sup>1</sup> The president of Hcéres "countersigns the evaluation reports set up by the experts committees and signed by their chairman." (Article 8, paragraph 5);

<sup>2</sup> The evaluation reports "are signed by the chairman of the experts committee". (Article 11, paragraph 2).

This report is the sole result of the unit's evaluation by the expert committee, the composition of which is specified below. The assessments contained herein are the expression of an independent and collegial reviewing by the committee.

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

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## UNIT PRESENTATION

<b>Unit name:</b>	Institut des Neurosciences Cognitives et Intégratives d'Aquitaine
<b>Unit acronym:</b>	INCIA
<b>Current label and N°:</b>	CNRS UMR5287 – Université de Bordeaux
<b>ID RNSR:</b>	201119416L
<b>Application type:</b>	Restructuration
<b>Head of the unit (2020-2021):</b>	Mr Jean-René Cazalets
<b>Project leader (2021-2025):</b>	Ms Sandrine Bertrand
<b>Number of teams:</b>	12

## EXPERTS COMMITTEE MEMBERS

<b>Chair:</b>	Mr Simon Thorpe, CNRS, Université Toulouse 3
<b>Experts :</b>	Ms Christine Assaiante, CNRS, Marseille (representative CoNRS) Ms Katia Befort, Université de Strasbourg Mr Bogdan Draganski, CHU Vaudois, Lausanne, Switzerland Ms Sylvie Granon, Université Paris sud, Orsay, (representative of CNU) Ms Laure Pisella, CNRS, Lyon Ms Claire Rampon, CNRS, Toulouse Mr Cédric Raoul, Inserm, Montpellier Ms Nathalie Vayssiere, CNRS, Toulouse, (supporting personnel) Mr Luc Zimmer, UCBL, Lyon

## HCÉRES REPRESENTATIVE

Ms Céline Souchay

## REPRESENTATIVES OF SUPERVISING INSTITUTIONS AND BODIES

Mr Jérôme Billaud, EPHE  
Mr François Jouen, EPHE  
Mr. Eric Papon, UB  
Mr Bernard Poulain, CNRS  
Ms Nathalie Sans, UB Neurocampus

## INTRODUCTION

### HISTORY AND GEOGRAPHICAL LOCATION OF THE UNIT

The "Institut de Neurosciences Cognitives et Intégratives d'Aquitaine" (INCIA) is a mixed research unit (UMR) attached to the CNRS and the University of Bordeaux. It was created in 2011 with Mr J.R. Cazalets as its director and renewed for a second five-year period (2016-2020) extended for one year to allow synchronization between the universities in Bordeaux and Poitiers. Until the end of 2021, the members of the laboratory have been split between four different physical locations (Charles Perrens Hospital and three buildings at the Carreire and Talence campuses of the university).

### RESEARCH ECOSYSTEM

INCIA is one of six research laboratories belonging to Bordeaux's Neurocampus grouping that involves around 700 researchers. The others are IINS (Institut Interdisciplinaire de Neurosciences), Neurocentre Magendie, IMN (Institut des Maladies Neurodégénératives), Nutrineuro (Nutrition et neurologie intégrative), and Sanpsy (Sommeil, attention et neuropsychiatrie). In 2022, INCIA will join some of these entities in a new 20,000 m<sup>2</sup> "Research Building" located on the Carreire campus and funded by the university's "Operation Campus". INCIA has been part of two current laboratories of excellence (LabEx): BRAIN and TRAIL. Many of the laboratory's teams are involved in the new BRAIN2 LabEx proposed by the university as a "Grand Programme de Recherche" in 2019. It is also involved in the Bordeaux Neurocampus Graduate Program (BNGP), a nationally recognized EUR (Ecole Université de Recherche), offering a Master to Doctorate program in Neuroscience. It is linked with several national networks such as the GDRs (Groupement de Recherche) Mémoire, Microglia and Neuralnet.

### HCÉRES NOMENCLATURE AND THEMATICS OF THE UNIT

INCIA's research (SVE4: Neurosciences) centers on motricity, addiction and cognition by analyzing cellular and molecular mechanisms, neural networks and behavior in both animals and humans.

### MANAGEMENT TEAM

Mr J.R. Cazalets has been INCIA's director since 2011. Ms S. Bertrand has been proposed as the future director for the period 2022-2026.

### UNIT WORKFORCE

<b>Institut de Neurosciences Cognitives et Intégratives d'Aquitaine (INCIA)</b>		
<b>Active staff</b>	<b>Number 06/01/2020</b>	<b>Number 01/01/2022</b>
Full professors and similar positions	13	13
Assistant professors and similar positions	17	17
Full time research directors (Directeurs de recherche) and similar positions	21	21
Full time research associates (Chargés de recherche) and similar positions	22	22
Other scientists ("Conservateurs, cadres scientifiques des EPIC, fondations, industries, etc.")	2	2
High school teachers	0	0
Supporting personnel (ITAs, BIATSSs and others, notably of EPICs)	33	33
<b>Permanent staff</b>	<b>108</b>	<b>108</b>

Non-permanent professors and associate professors, including emeritus	2	
Non-permanent full time scientists, including emeritus, post-docs (except PhD students)	9	
PhD Students	29	
Non-permanent supporting personnel	4	
<b>Non-permanent staff</b>	<b>44</b>	
<b>Total</b>	<b>152</b>	<b>108</b>

## GLOBAL ASSESSMENT OF THE UNIT

The INCIA is a key player in the vibrant Neuroscience community in Bordeaux. With over 100 permanent staff members, it is home to nearly one-third of Bordeaux's NeuroCampus community. The laboratory is clearly attractive, with ten new staff members moving to the laboratory in the period 2016-2021, as well as nine freshly recruited permanent staff (four from CNRS, four from Bordeaux University and one from EPHE). While relatively low for Bordeaux laboratories, the number of support staff for each researcher is nevertheless high compared with other places in France. With an annual budget of over three M€, the laboratory is very well-financed, and benefits from excellent support from all three institutions. In particular, INCIA is extremely fortunate to benefit from the new Research Building, financed entirely by the University of Bordeaux (roughly 50 M€) and which will hopefully open in spring 2022. The new building is one of three recently opened Neuroscience buildings located close to each other at the Carreire campus (together with the Centre Broca, and the Neurocentre Magendie), making the site one of the most impressive groupings of Neuroscience not only in France but even at the European and global level. This is a very exciting moment for the laboratory because it means that the laboratory's researchers, previously split between four different locations, will be nearly all able to work in the same place. This should ensure that the laboratory maintains its attractiveness in the years to come.

With well over 1100 publications, the unit has an impressive publication record with nearly three papers published by each permanent member per year. Almost two-thirds of publications are in first quartile journals, and the percentage published in Open Access journals is now around 50%. Both these measures confirm that INCIA has been encouraging good publication practices. The INCIA also has a rich network of collaborations at the local level, but also nationally and internationally. Indeed, over 40% of INCIA publications involve international collaborators.

After a long period as director, Mr J.R. Cazalets will be handing over to Ms S. Bertrand for the next quinquennial period, and the panel firmly approves the choice of director. There has been a substantial degree of restructuring for the new project, which has twelve teams, covering the laboratory's three main themes - motricity, addiction, and cognition. While INCIA's local importance in all three areas is clear, and its project and research strategy are designed to maintain this momentum, there are excellent opportunities for increasing collaborations with other teams both at the local level, but also nationally and internationally. The twelve teams proposed for the new configuration have a range of profiles. There are several excellent or in some cases outstanding teams (MotoPSyn, CANDY, HYBRID, DECAD, MOCOCO, IMT, NRGEN and NeuroCog). All the others are very good (DN3, E-MOTIV, P3TN), or have excellent potential (Memory).

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