

## FINAL RESUME ON THE RESEARCH UNIT:

Molecular dynamics of hematopoietic transformation

## UNDER THE SUPERVISION OF THE FOLLOWING INSTITUTIONS AND RESEARCH BODIES:

Université Paris-Sud

Institut national de la santé et de la recherche médicale - Inserm

Centre de lutte contre le cancer de Villejuif - Institut Gustave Roussy

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## EVALUATION CAMPAIGN 2018-2019 GROUP E



In the name of Hcéres<sup>1</sup>:

Michel Cosnard, President

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

Patrick Auberger, 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).

Tables in this document were filled with data provided by laboratories and supervising bodies in the unit's application and in the Excel files "Données du contrat en cours" and "Données du prochain contrat".

## UNIT PRESENTATION

<b>Unit name:</b>	Molecular dynamics of hematopoietic transformation
<b>Unit acronym:</b>	
<b>Requested label:</b>	UMR
<b>Application type:</b>	Restructuration
<b>Current number:</b>	U1170
<b>Head of the unit (2018-2019):</b>	Mr Olivier BERNARD
<b>Project leader (2020-2024):</b>	Mr Olivier BERNARD
<b>Number of teams:</b>	3

## EXPERTS COMMITTEE MEMBERS

<b>Chair:</b>	Mr Patrick AUBERGER, Université de Nice Sophia Antipolis
<b>Experts:</b>	Mr Brian HUNTLY, University of Cambridge, United Kingdom
	Mr. Cédric MONGALLEZ, IGMM Montpellier (supporting personnel)
	Mr Salvatore SPICUGLIA, Inserm, Marseille
	Mr François VALLETTE, Inserm, Nantes (representative of Inserm CSS)
	Ms Claudia WASKOW, Technische Universität Dresden, Germany

## HCÉRES REPRESENTATIVE

Ms Urszula HIBNER

## REPRESENTATIVES OF SUPERVISING INSTITUTIONS AND BODIES

Mr Etienne AUGE, Université Paris-Sud

Ms Christine CHOMIENNE, Inserm

Mr Eric DEUTCH, Faculty of Medicine

Ms Laurence PARMENTIER, Inserm

Mr Éric SOLARY, IGR

## INTRODUCTION

### HISTORY AND GEOGRAPHICAL LOCATION OF THE UNIT

The Inserm unit "Molecular dynamics of hematopoietic transformation" results from the restructuration of the previous UMR1170, created in 2015 and already headed by Olivier Bernard. The unit is located in the "Pavillon Recherche" of the Gustave Roussy Institute (IGR), in Villejuif. The previous entity, UMR1170, was initially organized into 4 teams with recognized international leadership in the field of normal and malignant haematopoiesis. During the previous contract the unit has also attracted two ATIP/AVENIR teams.

### MANAGEMENT TEAM

The new unit will be still headed by Olivier Bernard.

### HCÉRES NOMENCLATURE

SVE5, SVE5-4.

### SCIENTIFIC DOMAIN

UMR1170 has demonstrated a very high-level expertise in the field of normal and malignant haematopoiesis. In the new contract, there will be a significant restructuration. In this line, the project will focus on epigenetic modifications, mutations and fusions in normal and malignant haematopoiesis. Thus, the project will evolve on the basis of the established strengths of the 3 complementary participating teams.

### UNIT WORKFORCE

	Unit workforce	
	Normal and malignant hematopoiesis	
Active staff	Number 30/06/2018	Number 01/01/2020
Full professors and similar positions	3	0
Assistant professors and similar positions	1	1
Full time research directors (Directeurs de recherche) and similar positions	11	4
Full time research associates (Chargés de recherche) and similar positions	9	1
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)	6	4
<b>Permanent staff</b>	<b>32</b>	<b>14</b>

Non-permanent professors and associate professors, including emeritus	2	
Non-permanent full time scientists, including emeritus, post-docs	19	
<i>PhD Students</i>	20	
Non-permanent supporting personnel	12	
<b>Non-permanent staff</b>	<b>53</b>	
<b>Total</b>	<b>85</b>	

## GLOBAL ASSESSMENT OF THE UNIT

UMR1170 was created as a laboratory of excellence in the field of normal and pathological haematopoiesis. The unit director, has a long-standing experience in the direction of Inserm units and is internationally recognized in the field of oncohaematology. The previous achievements are attested by an outstanding track record and international audience in terms of high-impact factor publications, valorization and training through research. All the teams have published at a very high-level during the previous contract and have made seminal contributions to the domain of oncohaematology. The 2 ATIP/AVENIR teams involved in the project have the potential to do as well in the future. The new project is a spin-off from the previous unit and will gather 3 teams among the 6 included in the previous contract. In the absence of a general project for a "Centre de Recherche" within the IGR, the proposed restructuration is perfectly logical and is explained by the common wish of the director and the three team leaders to focus their scientific programs on epigenetic modifications, mutations and fusions in normal and malignant haematological development. In this regard, the 3 constitutive teams are highly complementary and even synergistic.

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