

# **SIMHEL - Signalisation, microenvironnement et hémopathies lymphoïdes**

Rapport Hcéres

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REPORT ON THE RESEARCH UNIT:  
Adaptateurs de Signalisation en Hématologie  
(ASIH)

UNDER THE SUPERVISION OF THE  
FOLLOWING INSTITUTIONS AND  
RESEARCH BODIES:

Université Paris 13

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

**ÉVALUATION CAMPAIGN 2017-2018**  
GROUP D



In the name of Hcéres<sup>1</sup>:

Michel Cosnard, President

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

Daniel Mertens, 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 expert committees and signed by their chairman." (Article 8, paragraph 5);

<sup>2</sup> The evaluation reports "are signed by the chairman of the expert 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.

## UNIT PRESENTATION

<b>Unit name:</b>	Adaptateurs de Signalisation en Hématologie
<b>Unit acronym:</b>	ASIH
<b>Requested label:</b>	UMR
<b>Application type:</b>	Renewal
<b>Current number:</b>	UMR 978
<b>Head of the unit (2017-2018):</b>	Ms Nadine VARIN-BLANK
<b>Project leader (2019-2023):</b>	Ms Nadine VARIN-BLANK
<b>Number of teams:</b>	1

## COMMITTEE MEMBERS

<b>Chair:</b>	Mr Daniel MERTENS, University of Ulm and DKFZ Heidelberg, Germany
<b>Experts:</b>	Mr Laurent MARTINY, University of Reims (representative of CNU) Mr Antonio PEIXOTO, CNRS, IBPS, Toulouse (supporting personnel) Ms Hana RASLOVA, Institut Gustave Roussy, Villejuif (representative of Inserm CSS)
<b>HCERES scientific officer:</b>	Mr Jean-Paul LALLES
<b>Representatives of supervising institutions and bodies:</b>	Mr Jean-Pierre ASTRUC, Université Paris 13 Ms Christine CHOMIENNE, Inserm

## INTRODUCTION

### HISTORY AND GEOGRAPHICAL LOCATION OF THE UNIT

The unit "Unité Mixte de Recherche Inserm 978/Université Paris 13" "Adaptateurs de signalisation en hématologie" (ASIH) belongs to UFR SMBH (Santé, Médecine, Biologie Humaine), Université Paris 13 at Bobigny. It was created in 2009 to develop a common project in the field of chronic lymphoproliferative neoplasms based on fundamental research and applied hematology at Avicenne Hospital, and renewed for the 5 past years as a convergence between the research group directed by Ms Nadine VARIN-BLANK and members of the EA 3406 University unit (Cell Signalling and Oncogenesis, Université Paris 13) hosting the "Service d'hématologie biologique", "Service d'anatomopathologie" and "Service de biochimie" of the Avicenne Hospital.

### MANAGEMENT TEAM

The ASIH unit is headed by Ms Nadine VARIN-BLANK.

### HCERES NOMENCLATURE

SVE5-4.

### SCIENTIFIC DOMAIN

The research activities of the ASIH unit are based on the role of key signalling complexes and pathways altered in haematological chronic diseases: chronic lymphocytic leukemia and Mantle cell lymphoma.. The scientific objectives of ASIH are related to the study of interactions between normal or pathological cells and their microenvironment, more specifically in the field of chronic lymphocytic leukemia and mantle cell lymphoma. They focus on BCR signalling, WNT and NFAT, survival, proliferation, and microenvironmental interaction e.g. mobility (CXCR4) and T-cell interaction and immune evasion.

### UNIT WORKFORCE

Unit workforce	Number 30/06/2017	Number 01/01/2019
<b>Permanent staff</b>		
Full professors and similar positions	5	5
Assistant professors and similar positions	5	5
Full time research directors (Directeurs de recherche) and similar positions	1	1
Full time research associates (Chargés de recherche) and similar positions	2	2
Other scientists ("Conservateurs, cadres scientifiques des EPIC, fondations, industries, etc.")	0	0
High school teachers	0	0
Supporting personnel (ITAs, BIATSSs and others, notably of EPICs)	8	9

<b>TOTAL permanent staff</b>	<b>21</b>	<b>22</b>
<b>Non-permanent staff</b>		
Non-permanent professors and associate professors, including emeritus	0	
Non-permanent full time scientists, including emeritus, post-docs	1	
Non-permanent supporting personnel	1	
PhD Students	5	
<b>TOTAL non-permanent staff</b>	<b>7</b>	
<b>TOTAL unit</b>	<b>28</b>	

## GLOBAL ASSESSMENT OF THE UNIT

The scientific strategy further reinforces a continuum of basic and translational research, and members of the unit transfer their knowledge into daily practice for stratification of disease progression. This is reflected in the publication record of the unit for the last period that shows an exceptionally large body of literature. A number of articles were published in the best journals of the field.

Members of ASIH are experts of the scientific community and are involved in local, national and international structures and committees (e.g. University Research Council, University and APHP). The unit actively participates in high-level meetings and takes the lead in structured international networks, thereby strengthening its international reputation. Members of the unit are also deeply involved in training young researchers, most notably by the coordination of Master course, doctoral schools and through the coordination at the medical faculty. In addition, the unit develops excellent technological tools and platforms.

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