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I3 - Immunologie-immunopathologie-immunothérapie

Rapport Hcéres

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REPORT ON THE RESEARCH UNIT:
Immunologie - Immunopathologie -
Immunothérapie (i³)

UNDER THE SUPERVISION OF THE
FOLLOWING INSTITUTIONS AND
RESEARCH BODIES:

Université Pierre et Marie Curie
Institut National de la Santé et de la Recherche
Médicale - INSERM

ÉVALUATION CAMPAIGN 2017-2018
GROUP D



In the name of Hcéres¹ :

Michel Cosnard, President

In the name of the experts committees² :

Camille Locht, Chairman of the committee

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

¹ The president of HCERES "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 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.

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UNIT PRESENTATION

Unit name:	Immunologie - Immunopathologie – Immunothérapie
Unit acronym:	i ³
Requested label:	UMR
Application type:	Renewal
Current number:	959
Head of the unit (2017-2018):	Mr David KLATZMANN
Project leader (2019-2023):	Mr David KLATZMANN
Number themes:	3

COMMITTEE MEMBERS

Chair:	Mr Camille LOCHT, Institut Pasteur de Lille
Experts:	Mr Lionel APETOH, Université de Bourgogne Franche Comté (representative of INSERM CSS) Mr Amar BENNASROUNE, Université de Reims Champagne-Ardenne (representative of CNU) Mr Onur BOYMAN, University of Zurich, Suisse Ms Jocelyne DEMENGEOT, Instituto Gulbenkian de Ciência, Portugal Mr Nicolas SETTERBLAD, Institut Universitaire d'Hématologie (supporting personnel)

HCERES scientific officer:

Ms Sophie EZINE

Representatives of supervising institutions and bodies:

Mr Serge AMSELLEM, Sorbonne Université

Ms Évelyne JOUVIN-MARCHE, Inserm

INTRODUCTION

HISTORY AND GEOGRAPHICAL LOCATION OF THE UNIT

The Immunology-Immunopathology-Immunotherapy (i³) research unit was created in 2009, as a single team research unit (UMRS 959), by Mr David KLATZMANN, dedicated to translational immunology. The i³ research unit is located on the Pitié-Salpêtrière medical campus, a major University Hospital Campus in Paris, affiliated to the “Pierre and Marie Curie University” (UPMC), now part of the Sorbonne University.

MANAGEMENT TEAM

The i³ research unit is headed by Mr David KLATZMANN. Since this is a single team research unit, the function of deputy director is replaced by a steering committee.

HCERES NOMENCLATURE

SVE3_4 Immunologie.

SCIENTIFIC DOMAIN

The I³ research unit focused on translational immunology applied to the study of autoimmunity-related pathologies as well as inflammatory diseases, aspiring to implement systems biology to contribute to the advancement of therapies in the field of immunology, exploiting its recognized knowledge of the major role played by the Tregs (regulatory T lymphocytes).

UNIT WORKFORCE

Unit workforce	Number 30/06/2017	Number 01/01/2019
Permanent staff		
Full professors and similar positions	5	7
Assistant professors and similar positions	5	5
Full time research directors (Directeurs de recherche) and similar positions	0	0
Full time research associates (Chargés de recherche) and similar positions	1	1
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)	4,5	4,5
TOTAL permanent staff	15,5	17,5

Non-permanent staff		
Non-permanent professors and associate professors, including emeritus	1	
Non-permanent full time scientists, including emeritus, post-docs	3	
Non-permanent supporting personnel	11	
PhD Students	25	
TOTAL non-permanent staff	40	
TOTAL unit	55,5	

GLOBAL ASSESSMENT OF THE UNIT TO BE DONE ON THE SITE VISIT

The I³ Unit is one of the best-known research units in the field of auto-immune diseases in Europe and has produced research of excellent quality at the basic and translational science levels. It has pioneered the use of low-dose IL-2 (ld IL-2) in the treatment of autoimmune disease and has successfully carried out several clinical studies. To follow the recommendations of the last Hcéres report (2013), the research unit I³ decided to refocus exclusively on autoimmune diseases, a topic on which the unit has made outstanding contributions.

Funding from a variety of national and international sources (including EU, ERC, NIH) has been outstanding, although essentially limited to the unit director. The unit has successfully implemented and developed novel technologies, including big data management, relying on in-house efforts and external collaborations. It also excels in integrating clinical research with mechanistic studies using appropriate animal models.



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