

FINAL RESUME ON THE RESEARCH UNIT:
Inflammation, Chemokines and
Immunopathology

UNDER THE SUPERVISION OF THE
FOLLOWING INSTITUTIONS AND
RESEARCH BODIES:

Université Paris-Sud

Institut National de la Santé et de la Recherche
Médicale - INSERM

EVALUATION CAMPAIGN 2018-2019
GROUP E



In the name of Hcéres¹:

Michel Cosnard, President

In the name of the experts committee²:

Robert Barouki, 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 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

Unit name:	Inflammation, Chemokines and Immunopathology
Unit acronym:	
Requested label:	UMR
Application type:	Renewal
Current number:	996
Head of the unit (2018-2019):	Ms Françoise BACHELERIE
Project leader (2020-2024):	Ms Françoise BACHELERIE
Number of teams and/or themes:	3

EXPERTS COMMITTEE MEMBERS

Chair:	Mr Robert BAROUKI, Université Paris Descartes
Experts:	Mr André GUILLOUZO, Université de Rennes 1 (representative of CNU) Ms Li MEI, Institut de Génétique et de Biologie Moléculaire et Cellulaire, Illkirch (representative of Inserm CSS) Mr Nicolas SETTERBLAD, Institut Universitaire d'Hématologie, Paris (supporting personnel) Mr Jo VAN GINDERACHTER, VIB-Vrije Universiteit Brussel, Belgium

HCÉRES REPRESENTATIVE

Ms Sophie EZINE

REPRESENTATIVES OF SUPERVISING INSTITUTIONS AND BODIES

Mr Étienne AUGE, Université Paris-Sud
Mr Rodolphe FISCHMEISTER, Université Paris-Sud
Mr Xavier MARIETTE, Université Paris-Sud
Ms Julie SAILLARD, Inserm

INTRODUCTION

HISTORY AND GEOGRAPHICAL LOCATION OF THE UNIT

The Mixed Research Unit UMR_S996, "Inflammation, Chemokines and Immunopathology" was jointly created in 2010 by the Institut National de la Santé et de la Recherche Médical (Inserm) and the Paris-Sud University (UPSUD). The laboratories are located in two nearby research facilities in the southern Paris area, i.e. the "Inserm Research Centre" of Clamart (Hôpital Antoine Béchère) and the Faculty of Pharmacy in Chateaufort-Malabry.

Placed under the direction of Mr Dominique Emilie, who passed away in 2011, the research unit was led by Mr Marc Pallardy and Ms Françoise Bachelerie from 2011 to 2014. The unit was renewed in 2015 and placed under the direction of Ms Françoise Bachelerie.

The unit is part of the Structure Fédérative de Recherche Institut Paris-Saclay d'Innovation Thérapeutique (IPSIT-SFR) a Research Department composed of 12 laboratories and a core facility including 10 technological platforms distributed between Clamart and Chateaufort-Malabry.

MANAGEMENT TEAM

The unit is directed by Ms Françoise Bachelerie.

HCÉRES NOMENCLATURE

SVE3

SCIENTIFIC DOMAIN

The unit is organized in 3 independent teams focusing on complementary aspects of immune and inflammatory disorders and infectious diseases, aiming at a better understanding of the biological processes leading to these disorders and investigating novel therapeutic approaches.

Team 1 focuses on immune and infectious diseases with a focus on the molecular regulators involved in immunodeficiency, autoimmune disorders and persistent viral infections.

Team 2 addresses the mechanisms leading to immunization to chemicals and drugs with a particular attention to T-cell and Neutrophil responses as well as the role of immunomodulators in the skin microenvironment.

Team 3 investigates the physiopathology of liver disorders using genomics approaches to study the intestinal microbiota, its bacterial diversity as well as its role in host-defence and host-susceptibility to disease development.

UNIT WORKFORCE

		Unit workforce	
		Inflammation, Chemokines and Immunopathology	
	Active staff	Number 30/06/2018	Number 01/01/2020
	Full professors and similar positions	8	8
	Assistant professors and similar positions	9	9

Full time research directors (Directeurs de recherche) and similar positions	1	2
Full time research associates (Chargés de recherche) and similar positions	3	0
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)	11	11
Permanent staff	32	30
Non-permanent professors and associate professors, including emeritus	5	
Non-permanent full time scientists, including emeritus, post-docs	4	
PhD Students	17	
Non-permanent supporting personnel	10	
Non-permanent staff	36	
Total	68	30

GLOBAL ASSESSMENT OF THE UNIT

The unit activities are highly relevant for public health as they address critical issues such as human papillomavirus (HPV)-related diseases, immunotoxicity and allergy, as well as alcoholic and non-alcoholic liver diseases. The unit developed cutting edge technologies and perfectly linked basic research and clinical investigations. With a timely and original research that is very competitive at the international level, major progress may be expected in terms of understanding of the diseases investigated and discovery of new therapies. This is best reflected by the coordination of an InnovativeMedicineInitiative (IMI) EU project and collaborations with industry. The unit has published major results in specialized scientific journals of high impact, is very active in the training of young scientists and students, and in knowledge transfer. It contributes significantly to the Labex LERMIT focused on innovative therapies and is expected to be a strong actor in the future Science Campus of Saclay. Overall, it is an excellent research unit.

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