CSPBAT - Laboratoire de chimie, structures, propriétés de biomatériaux et d'agents thérapeutiques

Rapport Hcéres

Research evaluation

REPORT ON THE RESEARCH UNIT:

Laboratory of Chemistry, Structures and Properties of Biomaterials and Therapeutic Agents (CSPBAT)

UNDER THE SUPERVISION OF THE FOLLOWING INSTITUTIONS AND RESEARCH BODIES:

Université Paris 13

Centre national de la recherche scientifique – CNRS

EVALUATION CAMPAIGN 2017-2018

GROUP D

In the name of Hcéres[1]:

Michel Cosnard, President

In the name of the experts committee[2]:

Jean-Marc Nuzillard, 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).

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

Unit name:	Laboratory of Chemistry, Structures and Properties of Biomaterials and Therapeutic Agents
Unit acronym:	CSPBAT
Requested label:	UMR
Application type:	Renewal
Current number:	7244
Head of the unit (2017-2018):	Mr Philippe SAVARIN
Project leader (2019-2023):	Mr Philippe SAVARIN

Number of teams or themes: 4

COMMITTEE MEMBERS

Chair: Mr Jean-Marc NUZILLARD, université de Reims

Experts:

Mr Luigi AMBROSIO, CNR, Italy

Mr Christophe CHASSENIEUX, université du Mans (representative of CNU)

Ms Bénédicte ELENA, université de Lyon

Mr Laurent HELIOT, université Lille 1 (supporting personnel)

Mr Boris VAUZEILLES, université Paris-Sud (representative of CoNRS)

HCERES scientific officer:

Mr Georges MASSIOT

Representatives of supervising institutions and bodies:

Mr Jean-Pierre ASTRUC, université Paris 13

Mr Bruno BUJOLI, INC CNRS

Mr Érick DUFOURC, INC CNRS

Mr Jean-Louis DUMAS, université Paris 13

Ms Anne PELLE, université Paris 13

Mr Frédéric ROUPIN, université Paris 13

INTRODUCTION

HISTORY AND GEOGRAPHICAL LOCATION OF THE UNIT

The CSPBAT (Chimie, Structures et Propriétés des Biomatériaux et des Agents Thérapeutiques) laboratory was created in 2009. It is located on two sites: at Galilee Institute, university Paris 13 in Villetaneuse and at the medical and biological Faculty of Paris 13 university in Bobigny.

MANAGEMENT TEAM

The CSPBAT laboratory is presently headed by Mr Philippe SAVARIN.

HCERES NOMENCLATURE

ST4: chemistry.

SCIENTIFIC DOMAIN

The main goal of the CSPBAT laboratory is to develop expertise in chemistry, physics, and biology related to health engineering. Its main topics are the synthesis of biomaterials and study of biological responses, the synthesis of therapeutic agents, the engineering of tissues and proteomics, and the structural studies of biomolecules and the spectroscopic characterization of their interactions.

UNIT WORKFORCE

Unit workforce	Number 30/06/2017	Number 01/01/2019
Permanent staff		
Full professors and similar positions	7	7
Assistant professors and similar positions	13	14
Full time research directors (Directeurs de recherche) and similar positions	0	0
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	6
TOTAL permanent staff	**30**	**29**
Non-permanent staff		
Non-permanent professors and associate professors, including emeritus	3	

Non-permanent full time scientists, including emeritus, post-docs	1	
Non-permanent supporting personnel	3	
PhD Students	15	
TOTAL non-permanent staff	**22**	
TOTAL unit	**52**	

GLOBAL ASSESSMENT OF THE UNIT

A unit named "Laboratory of Chemistry, Structures and Properties of Biomaterials and Therapeutic Agents", CSPBAT in short, is proposed in the continuity of an existing unit identically named and whose director is unchanged. The unit federates four teams on two sites around research topics related to Human health. The quality of the scientific production has been considered as ranging from good to excellent, thus reflecting some heterogeneity inherited from the recent and less recent history of the teams. The teams were incited to pursue their efforts toward the excellence level of their publications, to involve the young researchers more deeply in the scientific life, firstly by creating the opportunities for obtaining their HDR degree and secondly by associating them to the visibility of their team in scientific meetings and their participation to valorisation actions. The recruitment of full-time researchers has also been put forward as a necessity. The project of the unit extends the existing activities and offers new perspectives, supported by appropriate human resources and equipment for physico-chemical analysis. Even though collaborative work between teams is attested by common publications, the unit is encouraged to increase their proportion and to propose budget tools in order to facilitate common actions.

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