

FINAL RESUME ON THE RESEARCH UNIT:
Cell Biology and Infection Department (BCI)

UNDER THE SUPERVISION OF THE
FOLLOWING INSTITUTIONS AND
RESEARCH BODIES:

Institut Pasteur

Centre National de la Recherche Scientifique –
CNRS

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:

Ilan Rosenshine, 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:	Cell Biology and Infection Department
Unit acronym:	BCI
Requested label:	UMR
Application type:	Renewal
Current number:	
Head of the unit (2018-2019):	Ms Chiara ZURZOLO
Project leader (2020-2024):	Ms Chiara ZURZOLO
Number of teams and/or themes:	14

EXPERTS COMMITTEE MEMBERS

Chair:	Mr Ilan ROSENHINE, Faculty of Medicine, The Hebrew University of Jerusalem, Israel
Experts:	Mr Alexander BERSHADSKY, National University of Singapore/ Weizmann Institute of Science, Israel
	Mr Vincent CATTOIR, CHU de Rennes (representative of Inserm CSS)
	Mr Martin EILERS, Biocenter, University of Würzburg, Germany
	Mr Scott FRASER, University of Southern California, United States
	Mr Hubert HILBI, Institut für Medizinische Mikrobiologie, Switzerland
	Mr Benoit LADOUX, Institut Jacques Monod (representative of CoNRS)
	Mr Marco PONTIOLIO, Institut Cochin (representative of Inserm CSS)
	Mr Olivier REYNARD, Centre International de Recherche en Infectiologie (supporting personnel)
	Mr Giampietro SCHIAVO, The UCL Queen Square Institute of Neurology, UK
	Mr Thierry SOLDATI, University of Geneva, Switzerland
	Ms Sharon TOOZE, The Francis Crick Institute, UK

HCÉRES REPRESENTATIVE

Mr Théophile OHLMANN

REPRESENTATIVES OF SUPERVISING INSTITUTIONS AND BODIES

Mr Hervé ENSLEN, CNRS

Mr Alain ISRAËL, Institut Pasteur

INTRODUCTION

HISTORY AND GEOGRAPHICAL LOCATION OF THE UNIT

The Cell Biology and Infection department was created at the Institut Pasteur in 2002. Among the founding teams were Mr Philippe Sansonetti and Ms Pascale Cossart, both world leaders in microbiology and cellular microbiology, Mr Alain Israel with expertise in signaling, Ms Alice Dautry as fundamental cell biologist and Ms Nancy Guillen who worked on the cell biology of parasitic amoeba. This department became one of the finest in the field worldwide, if not the best.

In the last couple of years, and years to come, the founders of the department are gradually retiring and the department landscape is transforming with the younger generation taking the leadership and the active recruitment of young promising Pls. Currently the BCI includes 14 teams. The department is not located at specific buildings/floors. Instead, the teams are scattered in six different buildings around the campus of the Institut Pasteur.

MANAGEMENT TEAM

Director Department: Ms Chiara Zurzolo;
Deputy Director: Mr Jost Enninga.

HCÉRES NOMENCLATURE

SVE3

SCIENTIFIC DOMAIN

The department vision is developing an integrated, comprehensive and quantitative understanding of the cell in physiological conditions, during infection and in other cellular-based pathologies such as cancer and neurodegenerative diseases.

UNIT WORKFORCE

		Unit workforce	
		Cell Biology and Infection Department	
	Active staff	Number 30/06/2018	Number 01/01/2020
	Full professors and similar positions	2	2
	Assistant professors and similar positions	0,2	0,2
	Full time research directors (Directeurs de recherche) and similar positions	14	14
	Full time research associates (Chargés de recherche) and similar positions	12	16
	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)	37,1	36,3
Permanent staff	65,3	68,5
Non-permanent professors and associate professors, including emeritus	2	
Non-permanent full time scientists, including emeritus, post-docs	25	
<i>PhD</i> Students	40	
Non-permanent supporting personnel	12	
Non-permanent staff	79	
Total	144,3	68,5

GLOBAL ASSESSMENT OF THE UNIT

The Cell Biology and Infection department was created at the Institut Pasteur in 2002. Among the founding teams were world leaders in microbiology, cell biology and signaling. Since then this department maintained its reputation as one of the finest in the field worldwide. The department vision is developing an integrated, comprehensive and quantitative understanding of the cell in physiological conditions, during infection and in other cellular-based pathologies such as cancer and neurodegenerative diseases. Today the department includes 14 teams, which are engaged in three major research themes: fundamental cell biology, infection biology and embedding mathematical and physics approaches to study biological processes, including the development of imaging tools. Each of the department's team is led by either established, mid carrier, or brilliant young principle investigator. The department exhibits outstanding performances in publishing in top journals, competing for national and international grants, and disseminating the produced data through scientific meeting and publications. In addition to basic research, department members established ties with industry and are involved in clinical trials. The department fosters the training of young scientists and provides excellent, vivid and exciting scientific environment that attracts brilliant PhD students and post-doctoral fellows, nationally as well as internationally.

The evaluation reports of Hceres
are available online : www.hceres.com

Evaluation of clusters of higher education and research institutions

Evaluation of higher education and research institutions

Evaluation of research

Evaluation of doctoral schools

Evaluation of programmes

International evaluation and accreditation



2 rue Albert Einstein
75013 Paris, France
T. 33 (0)1 55 55 60 10

hceres.com

[@Hceres_](https://twitter.com/Hceres_)

[Hcéres](https://www.youtube.com/Hceres)