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PHERE - Physiopathologie et épidémiologie des maladies respiratoires

Rapport Hcéres

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REPORT ON THE RESEARCH UNIT:
Physiopathology and Epidemiology of
Respiratory Diseases (PHERE)

UNDER THE SUPERVISION OF THE
FOLLOWING INSTITUTIONS AND
RESEARCH BODIES:

Université Paris Diderot

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 expert committee²:

Laurent Nicod, 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 expert 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.

UNIT PRESENTATION

| | |
|--------------------------------------|--|
| Unit name: | Physiopathology and Epidemiology of Respiratory Diseases |
| Unit acronym: | PHERE |
| Requested label: | Inserm et Université Paris Diderot |
| Application type: | Restructuration |
| Current number: | UMR 1152 |
| Head of the unit (2017-2018): | Ms Marina PRETOLANI |
| Project leader (2019-2023): | Ms Marina PRETOLANI |
| Number of teams: | 3 |

COMMITTEE MEMBERS

| | |
|--|---|
| Chair: | Mr Laurent NICOD, CHUV University of Lausanne, Switzerland |
| Experts: | Ms Marie-Laure FRANCO-MONTOYA, Inserm (supporting personnel) Mr François HUAUX, Université Catholique de Louvain, Belgium Mr Roger MARTHAN, Université de Bordeaux Mr David MONTANI, Université Paris-Sud (representative of CSS Inserm) Mr Jean-François MUIR, Université de Rouen (representative of CNU) |
| HCERES scientific officer: | Mr Jorge BOCZKOWSKI |
| Representatives of supervising institutions and bodies: | Mr Christian BOITARD, Inserm Ms Laurence LOMME, Inserm Mr Matthieu RESCHE-RIGON, Paris Diderot |

INTRODUCTION

HISTORY AND GEOGRAPHICAL LOCATION OF THE UNIT

The Inserm UMR 1152, "Physiopathology and epidemiology of respiratory diseases" was created jointly by Inserm and Paris Diderot University on January 2005. The unit is located at the Faculty of Medicine, Xavier Bichat site, in the same campus than Bichat Hospital.

MANAGEMENT TEAM

The Inserm UMR 1152 is under the direction of Marina Pretolani.

HCERES NOMENCLATURE

SVE2 Biologie Cellulaire, Imagerie, Biologie Moléculaire, Biochimie, Génomique, Biologie Systémique, Développement, Biologie Structurale; SVE6 Santé Publique, Epidémiologie, Recherche Clinique; SVE5 Physiologie, Physiopathologie, Cardiologie, Pharmacologie, Endocrinologie, Cancer, Technologies Médicales; SVE3 Microbiologie, Immunité.

SCIENTIFIC DOMAIN

Respiratory pathophysiology.

UNIT WORKFORCE

| Unit workforce | Number 30/06/2017 | Number 01/01/2019 |
|---|----------------------|----------------------|
| Permanent staff | | |
| Full professors and similar positions | 8 | 12 |
| Assistant professors and similar positions | 6 | 5 |
| Full time research directors (Directeurs de recherche) and similar positions | 1 | 1 |
| Full time research associates (Chargés de recherche) and similar positions | 3 | 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) | 12 | 10 |
| TOTAL permanent staff | 31 | 29 |
| Non-permanent staff | | |
| Non-permanent professors and associate professors, including emeritus | 1 | |

| | | |
|---|-----------|--|
| Non-permanent full time scientists, including emeritus, post-docs | 4 | |
| Non-permanent supporting personnel | 4 | |
| PhD Students | 4 | |
| TOTAL non-permanent staff | 13 | |
| | | |
| TOTAL unit | 44 | |

GLOBAL ASSESSMENT OF THE UNIT

The Inserm UMR 1152 successfully investigates mechanisms as well as risk factors underlying acute and chronic lung diseases including severe asthma, chronic obstructive pulmonary disease (COPD)/emphysema, lung fibrotic diseases as well as different aspects and complications of lung transplantation. The unit is a founding member of the “Laboratory of Excellence (Labex) INFLAMEX” and of the “Département Hospitalo-Universitaire” (DHU) FIRE (directed by a team leader of the unit).

The scientific international production is remarkable in the field of respiratory diseases, based on a real translational research enhanced by a useful geographic proximity between clinicians and experimental researchers. The interactions with the non-academic world are strong on the basis of significant support from industrial companies and 2 patents. Training is very good, with the benefit of financial help of Labex “INFLAMEX”. Assessment of the unit’s life and organization is outstanding with efficiency acknowledged by members of the unit and representatives of supervising bodies. The scientific strategy is remarkable, focused on studies of cellular and molecular mechanisms of respiratory diseases.

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