

# HCERES

High Council for the Evaluation of Research  
and Higher Education

Department of Research Evaluation

report on research unit:

Surgery and cephalic extremity: functional and  
morphologic characterisation

CHIMERE

under the supervision of  
the following institutions  
and research bodies:

Université de Picardie Jules Verne

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

Evaluation Campaign 2016-2017 (Group C)

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*In the name of HCERES,<sup>1</sup>*

Michel Cosnard, president

*In the name of the experts committee,<sup>2</sup>*

Henning Madry, chairman of the committee

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

<sup>1</sup> The president of HCERES "countersigns the evaluation reports set up by the experts committees and signed by their chairman." (Article 8, paragraph 5)

<sup>2</sup> The evaluation reports "are signed by the chairman of the expert committee". (Article 11, paragraph 2)

## Evaluation report

This report is the sole result of 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 name:                          | Surgery and cephalic extremity: functional and morphologic characterisation |
| Unit acronym:                       | CHIMERE   |
| Label requested:                    | INSERM  |
| Current number:                     |   |
| Name of Director (2016-2017):       | Mr Bernard DEVAUCHELLE and Mr Olivier BALEDENT                              |
| Name of Project Leader (2018-2022): | Mr Jean-Marc CONSTANS   |

## Expert committee members

|          |  |
|----------|--|
| Chair:   | Mr Henning MADRY, Universität des Saarlandes, Homburg, Germany     |
| Experts: | Ms Catherine GHEZZI, UJF Grenoble (representative of the INSERM)   |
|          | Mr Dominique GOGA, Université de Tours (representative of the CNU) |
|          | Mr Gilles RENAULT, Institut Cochin, INSERM                         |
|          | Ms Valérie VANNEAUX, Hôpital Saint-Louis                           |

|  |                       |
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| Scientific delegate representing the HCERES: | Ms Véronique MIGONNEY |
|--|-----------------------|

|   |   |
|---|---|
| Representatives of supervising institutions and bodies: | Mr Mohamed BELAHSEN, Université de Picardie Jules Verne |
|   | Mr Arnaud COLLIN, CHU Amiens-Picardie                   |
|   | Ms Marie-Josèphe LEROY-ZAMIA, INSERM                    |

|                            |  |
|----------------------------|--|
| Heads of Doctoral Schools: | Ms Tiphaine BARTHÉLÉMY, Doctoral School n°586, "Social and Human Sciences" |
|                            | Mr Christian MASQUELIER, Doctoral School n°585, "Sciences and Health"      |

## 1 • Introduction

### History and geographical location of the unit

The “CHIRURGIE & EXTREMITÉ CÉPHALIQUE Caractérisation morphologique et fonctionnelle” (CHIMERE) is planned as a newly created interdisciplinary team. It results from the clinical, scientific and geographical association between groups from the “Université de Picardie Jules Verne” (UPJV) and the CHU Amiens-Picardie to promote interdisciplinary work, exchanges, and teaching/training between the different surgical and research teams located in hospitals, IRM platform, TEP platform, CURS (Centre Universitaire de Recherche en Santé), and IFF (Institut Faire Faces). The goal of CHIMERE is to regroup the teams (around 50 persons) into a new IFF building (FEDER and regional council) hosting research labs, imagery platform, operating theatres, and an animal facility.

### Management team

The unit will be headed by Mr Jean-Marc CONSTANS, deputised by Mr Bernard DEVAUCHELLE.

### HCERES nomenclature

Domaine principal: SVE Sciences du Vivant et Environnement.

Sous domaine: SHS4 Esprit humain, langage, education.

### Scientific domains

The main domain concerns surgical research in the area of the face as cranio maxillo facial surgery for malformations, traumatology, cancerology, reconstruction and various developments as tissue engineering, medical imaging, robot guided procedures, biological characterisation in treatment of tumors and social sciences.

## Unit workforce

| Unit workforce   | Number on<br>30/06/2016 | Number on<br>01/01/2018 |
|--|-------------------------|-------------------------|
| N1: Permanent professors and similar positions                         | 14<br>FTE 4.62          | 17                      |
| N2: Permanent researchers from Institutions and similar positions      | 1<br>FTE 1              | 2                       |
| N3: Other permanent staff (technicians and administrative personnel)   | 8<br>FTE 2.64           | 10                      |
| N4: Other researchers (Postdoctoral students, visitors, etc.)          | 27<br>FTE 11.94         |                         |
| N5: Emeritus   | 1<br>FTE 0.33           |                         |
| N6: Other contractual staff (technicians and administrative personnel) | 0                       |                         |
| N7: PhD students   | 14                      |                         |
| TOTAL N1 to N7   | 65                      |                         |
| Qualified research supervisors (HDR) or similar positions              | 17                      |                         |

| Unit record   | From 01/01/2011 to<br>30/06/2016 |
|---|----------------------------------|
| PhD theses defended   | 14                               |
| Postdoctoral scientists having spent at least 12 months in the unit           | 4                                |
| Number of Research Supervisor Qualifications (HDR) obtained during the period | 4                                |

## 2 • Assessment of the unit

### Global assessment of the unit

The goal of the present application is to create a unique team “CHIMERE” based on the convergence and complementarity of several teams around the theme of facial reconstructive surgery, as a logical consequence of the 1st world face graft in 2005.

CHIMERE is a world-leading project, absolutely indispensable in France, Europe and in the world of facial reconstruction, involving face, brain, olfaction, vision and social image. The hosting of CHIMERE in a new building shows the strong interest and support of authorities for the project.

Independently, all groups are experts in their respective fields and have shown their very strong scientific and academic potential and activities at national and international levels (expertise in surgery, imaging, biology, SHS, reputation, publications, collaborations, platforms, awards, meeting organisation, reviewer activities, international exchanges, networks, grants and contracts, patents, clinical studies, training).

The added value of combining the entities in the inter-thematic CHIMERE is highly promising in terms of potential for success and productivity.

For all these reasons, this project represents the highest quality reachable in this field at the international level.