

REPORT ON THE RESEARCH UNIT:  
Paris Cardiovascular Research Center (PARCC)

UNDER THE SUPERVISION OF THE  
FOLLOWING INSTITUTIONS AND  
RESEARCH BODIES:

Université Paris Descartes

Institut national de la santé et de la recherche  
médicale - Inserm

**ÉVALUATION CAMPAIGN 2017-2018**  
GROUP D



In the name of Hcéres<sup>1</sup>:

Michel Cosnard, President

In the name of the expert committee<sup>2</sup>:

Paolo Madeddu, Chairman of the  
committee

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

<sup>1</sup> The president of Hcéres "countersigns the evaluation reports set up by the expert 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).

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

<b>Unit name:</b>	Paris Cardiovascular Research Center
<b>Unit acronym:</b>	PARCC
<b>Requested label:</b>	
<b>Application type:</b>	Restructuration
<b>Current number:</b>	Inserm UMR-S-970
<b>Head of the unit (2017-2018):</b>	Mr Alain TEDGUI
<b>Project leader (2019-2023):</b>	Ms Chantal BOULANGER
<b>Number of teams:</b>	12

## COMMITTEE MEMBERS

<b>Chair:</b>	Mr Paolo MADEDDU, University of Bristol, United Kingdom
<b>Experts:</b>	Mr Jean-François ARNAL, Université de Toulouse (representative of Inserm CSS)
	Mr Stéphane BURTEY, Université de Marseille
	Mr Jean-Jacques FEIGE, Université de Grenoble
	Ms Julie GAVARD, Université de Nantes
	Mr Benjamin GRENIER-BOLEY, Université de Lille (supporting personnel)
	Ms Catherine GUEZZI, Université de Grenoble (representative of CNU)
	Mr Robert KELLY, Université de Marseille
	Mr Frédéric PACCAUD, University of Lausanne, Switzerland
	Mr Vincent RICHARD, Université de Rouen
	Ms Cécile VINDIS, Université de Toulouse
	Mr Laurent YVAN-CHARVET, Université de Nice
	Mr Stéphane ZAFFRAN, Université de Marseille

**Hcéres scientific officer:**

Ms Florence PINET

**Representatives of supervising institutions and bodies:**

Mr Raymond BAZIN, Inserm

Ms Marie-Pascale MARTEL, Inserm

Mr Stefano MARULLO, Université Paris-Descartes

## INTRODUCTION

### HISTORY AND GEOGRAPHICAL LOCATION OF THE UNIT

The unit currently is located at the Georges-Pompidou European Hospital. The site provides 4200m<sup>2</sup> space with laboratories, offices and core facilities, hosting a multi-disciplinary team of more than 250 basic, translational, and clinical scientists, as well as trainees, administrative staff and technicians. The unit has a long history of excellence and leadership in cardiovascular medicine and exerts strong influence on the international scientific society. In the last 5 years, the unit has strengthened its clinical focus with merging of new personnel in strategic sectors of their portfolio.

### MANAGEMENT TEAM

Ms Chantal Boulanger has been selected by the team leaders as the new director of the unit. She will overlap with Mr Alain Tedgui in leading the unit during the next 12 months and then take full responsibility.

### HCERES NOMENCLATURE

SVE2\_2; SVE3\_4; SVE5\_1; SVE5\_2; SVE5\_4; SVE6\_2.

### SCIENTIFIC DOMAIN

Arterial disease, Angiogenesis, Hypertension, Heart failure, Cardio-oncology, Personalized medicine.

### UNIT WORKFORCE

Unit workforce	Number 30/06/2017	Number 01/01/2019
<b>Permanent staff</b>		
Full professors and similar positions	38	45
Assistant professors and similar positions	19	17
Full time research directors (Directeurs de recherche) and similar positions	9	11
Full time research associates (Chargés de recherche) and similar positions	10	10
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)	42	41
<b>TOTAL permanent staff</b>	<b>118</b>	<b>124</b>
<b>Non-permanent staff</b>		
Non-permanent professors and associate professors, including emeritus	26	

Non-permanent full time scientists, including emeritus, post-docs	18	
Non-permanent supporting personnel	30	
PhD Students	50	
<b>TOTAL non-permanent staff</b>	<b>124</b>	
<b>TOTAL unit</b>	<b>242</b>	

## GLOBAL ASSESSMENT OF THE UNIT

The unit has developed an outstanding program in the field of cardiovascular medicine, accomplishing exceptional results in the identification of molecular and cellular mechanisms implicated in the pathogenesis of atherosclerosis, heart attack and peripheral ischemia. They conducted epidemiologic and genetic studies in large groups of patients, which led to the identification of biomarkers and determinants of cardiovascular diseases. Moreover, they performed interventional studies for the assessment of safety and efficacy of novel treatments. Qualitative and quantitative indicators support the success of the activities developed during the last years. All the components of the unit have an internationally competitive publication record, with an exceptional number of publications and great influence on the scientific community. Unit members chaired international meetings and contributed substantially to editorial and reviewer activity of major journals and grant committees. The unit has an excellent training program and is well connected to society, with a number of initiatives to communicate results and the impact of their research on patients' lives. Unit members have succeeded in translating basic research into the clinic and conducted world class epidemiological and therapeutic clinical trials.

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

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