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SBR - Station biologique de Roscoff

Rapport Hcéres

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REPORT ON FEDERATIVE STRUCTURE:
Roscoff Biological Station (SBR)

UNDER THE SUPERVISION OF THE
FOLLOWING INSTITUTIONS AND
RESEARCH BODIES:

Université Pierre et Marie Curie

Centre National de la Recherche Scientifique -
CNRS

ÉVALUATION CAMPAIGN 2017-2018
GROUP D

Report published on April, 26 2018



In the name of Hcéres¹:

Michel Cosnard, President

In the name of the expert committee²:

Dominique de Vienne, 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 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.

FEDERATIVE STRUCTURE PRESENTATION

Federation name:	Roscoff Biological Station
Federation acronym:	SBR
Label requested:	FR
Application type:	Renewal
Current number:	FR 2424
Head of the federation (2017-2018):	Mr Bernard KLOAREG
Project leader (2019-2023):	Ms Catherine BOYEN

EXPERTS COMMITTEE MEMBERS

Chair: Mr Dominique DE VIENNE, Université de Paris-Sud

Experts:

- Mr Debashish BHATTACHARYA, Rutgers University, United States
- Mr Arthur GROSSMAN, Carnegie Institute Stanford, United States
- Ms Véronique MARTIN-JEZEQUEL, Université de Nantes (representative of CoNRS)
- Mr Nicolas SAVOYE, Université de Bordeaux
- Mr Klaus-Ulrich VALENTIN, Alfred Wegener Institute, Germany

Hcéres scientific officer:

Mr Steven BALL

Representatives of supervising institutions and bodies:

- Mr Joël CUGUEN, CNRS
- Ms Catherine RECHENMANN, CNRS
- Mr Stéphane REGNIER, UPMC

INTRODUCTION

HISTORY AND GEOGRAPHIC LOCALISATION MEMBERS

The Roscoff Marine Biological Station (Station Biologique de Roscoff, or SBR) was founded almost 150 years ago. It is located on the Brittany coast of the English Channel, in an area with exceptional biodiversity and variety of habitats. SBR has become a leading research and training center in marine biology and ecology, with roughly 300 people working on three closed sites, jointly operated by the French National Centre for Scientific Research (CNRS) and the Pierre & Marie Curie University (UPMC). The Research Federation FR2424 includes the common Services and high level scientific Platforms of the SBR, in particular in genomics, post-genomics, structural biology and bioinformatics.

MANAGEMENT TEAM

The current federation's head is Mr Bernard KLOAREG (UPMC professor).

The future federation's head will be Ms Catherine BOYEN (CNRS research director).

HCÉRES NOMENCLATURE

Domaine principal: SVE Sciences du Vivant et Environnement.

Domaines secondaires: SVE2 Biologie Cellulaire, Imagerie, Biologie Moléculaire, Biochimie, Génomique, Biologie Systémique, Développement, Biologie Structurale ; SVE3 Microbiologie, Immunité ; SVE1 Agronomie, Biologie Végétale, Ecologie, Environnement, Evolution; ST1-2; ST3-1; ST4-4.

SCIENTIFIC DOMAIN

The scientific domains are quite broad: marine biology and ecology, biotechnologies and observation, in the context of diversified missions:

- 1) research and training on the biology of marine organisms and ecosystems;
- 2) access for scientists to ecological and biological resources of the site;
- 3) long-term observations of the physical, chemical and biological parameters of the coastal local environment;
- 4) contribution to regional innovation;
- 5) communication and outreach actions.

WORKFORCE SPECIFICALLY ALLOCATED TO THE FEDERATIVE STRUCTURE

The permanent staff of the FR 2424 consists of 76 people, including 43 CNRS, 33 UPMC, 3 CNRS/INSU, most of them being engineers, technicians or administrative. About twenty people are employed on fixed-term contracts.

GLOBAL ASSESSMENT OF THE FEDERATIVE STRUCTURE

The FR has diverse and complex missions which are managed by a substantial staff with a large range of high-level expertise. The committee recognizes the essential role of the FR, due in particular to the dynamism of its director, in its contribution to research and training, to long-term observations on the coastal environment, to the regional innovation and to outreach activities. Through different logistical facilities, such as marine facilities and housing, and technological facilities, such as for bioinformatics, imaging, and genomics, the FR boosts research at the SBR and contributes to its very positive reputation. The FR was able to raise very significant levels of funding for these different actions and to develop good links with private actors. The projects for the next contract are ambitious, including training and innovation in the area of blue technology. The four cross-cutting topics for the next contract have a great potential to strengthen the scientific interactions between the units of the SBR.

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