



Research evaluation

FINAL RESUME ON THE RESEARCH UNIT
LM-CBSA - Laboratory of Microbiology - Bacterial
Communication and Anti-infectious Strategies

UNDER THE SUPERVISION OF THE
FOLLOWING INSTITUTIONS AND RESEARCH
BODIES:

Université de Rouen

Université de Caen Normandie

EVALUATION CAMPAIGN 2020-2021
GROUP B

Report published on September, 28 2021

High Council for evaluation of research and higher education



In the name of Hcéres¹:

Mr Thierry Coulhon, President

In the name of the experts committee²:

Mr Patrick Linder, 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 certified data submitted by the supervising body on behalf of the unit.

UNIT PRESENTATION

Unit name:

Laboratory of Microbiology- Bacterial Communication and Anti-infectious Strategies

Unit acronym:

LM-CBSA

Current label and N°:

EA 4312 + EA 4655

ID RNSR:

201220777L + 201220075Y

Application type:

Fusion, scission, restructuration

Head of the unit (2020-2021):

Mr Marc Feuilloley (LMSM) & Mr Axel Hartke (U2RM)

Project leader (2021-2025):

Ms Sylvie Chevalier

Number of teams and/or themes:

1

EXPERTS COMMITTEE MEMBERS

Chair:

Mr Patrick Linder, Université de Genève, Suisse

Experts:

Ms Pascale Bouda, Université de Lorraine (representative of CNU)

Ms Sophie Bleves, Aix-Marseille Université, Marseille

Ms Marie-Pierre Chapot-Chartier, INRAE, Jouy-en-Josas

Ms Véronique Gasser, Université de Strasbourg (supporting personnel)

HCÉRES REPRESENTATIVE

Ms Birke Bartosch

REPRESENTATIVES OF SUPERVISING INSTITUTIONS AND BODIES

Mr Joël Alexandre, Université de Rouen Normandie

Ms Annie-Claude Gaumont, Université de Caen Normandie

Mr Vincent Richard, Université de Rouen Normandie

INTRODUCTION

HISTORY AND GEOGRAPHICAL LOCATION OF THE UNIT

The LM-CBSA will be a result of the fusion of LMSM situated at Evreux, currently under the direction of Mr Marc Feuilloley and U2RM currently under the direction of Mr Axel Hartke. U2RM, located at Caen Normandie University (UNC), consists of two teams. Only Team E1 "Stress virulence" will fuse with LMSM, while Team E2 will join the unit GRAM1.0 at the University of Rouen Normandie (URN).

RESEARCH ECOSYSTEM

The unit LMSM situated at Evreux is part of the University of Rouen Normandie. It is since 2016 situated in a new building dedicated to the "Centre de Sécurité Sanitaire de Normandie". Through this situation, LMSM is embedded in a stimulating industrial environment and profits from extensive support by the local authorities. The unit LMSM has many connections and the members are active in several federations, such as "Normandie-Végétal" (Fed 4277 NORVEGE), Institut de Recherche et d'Innovation Biomédicale" (IRIB), recherche normande Sécurité, Sanitaire, bien être et Aliments Durable" (SÉSAD), and the "Institut des Systèmes Complexes en Normandie". Moreover, through the many ties with technical platforms, the "Pôle de Compétitivité Cosmetic Valley", and others, LMSM has an excellent ecosystem, that contributes to its impressive success in fund raising.

HCÉRES NOMENCLATURE AND THEMATIC OF THE UNIT

SVE Sciences du vivant et environnement

SVE3_1 Microbiologie

MANAGEMENT TEAM

The new unit will be headed by Ms Sylvie Chevalier (URN) and by Mr Nicolas Verneuil (vice-director, UNC). They will be assisted by the five scientists responsible for each theme.

UNIT WORKFORCE

Personnels en activité	Nombre au 01/06/2020 LMSM	Nombre au 01/06/2020 U2RM	Nombre au 01/01/2022 LM-CBSA
Professeurs et assimilés	6	4	7
Maîtres de conférences et assimilés	10	9	14
Directeurs de recherche et assimilés	0	0	0
Chargés de recherche et assimilés	0	0	0
Conservateurs, cadres scientifiques EPIC, fondations, industries...	0	1	
Professeurs du secondaire détachés dans le supérieur	4	0	2
ITA-BIATSS, autres personnels cadre et non cadre EPIC...	6	6	9
Sous-total personnels permanents en activité	26	20	32
Enseignants-chercheurs non titulaires, émérites et autres	3		
Chercheurs non titulaires, émérites et autres (excepté doctorants)	4		
Doctorants	9	3	
Autres personnels non titulaires	5		
Sous-total personnels non titulaires, émérites et autres	21	3	
Total personnels	47	23	32

GLOBAL ASSESSMENT OF THE UNIT

The LM-CBSA unit will be the result of the merger of the LMSM unit (University of Rouen Normandy) and the E1 "Stress virulence" team of the U2RM unit (University of Caen Normandy). The themes studied by the two groups (bacteriology, bacterial-bacterial and bacterial-host interactions, understanding of microbial threats, anti-infectious strategies and antibiotic resistance) are excellent in response to environmental changes and the WHO's concern about the increase in antibiotic resistance. The themes of work are therefore timely and important.

The two groups LMSM and U2RM (Team E1) have a solid publication record in established and highly regarded microbiology journals, with many publications in gold open access journals. Through their research, participation at meetings and the organization of conferences, they have some international visibility.

Their national recognition should reach the international level if they use their unique position in microbial endocrine research, increase the number of foreign postdoctoral fellows, organize international meetings and apply to competitive grants at the European level.

Both groups have solid funding. LMSM has obtained an impressive number of industrial grants thanks to the excellent relation with industry. U2RM has corrected in the past five-year period its grant leverage problem and has obtained two ANR grants as leading laboratory and is partner in another ANR grant.

Scientists in both groups are essentially professors and MCU and have heavy teaching duties. Many of them are also involved in responsibility positions for teaching programs and Master or PhD programs. Doctoral students accomplish their PhDs in reasonable time and almost all have at least one first author publication. Thus, training through research is excellent.

Communication with the general public is mainly restricted to senior group members and could be improved.

The merger of LMSM and U2RM (E1 Team) to become LM-CBSA is an excellent undertaking. Although difficult because of the physical distance, the current pandemic has taught us to communicate and exchange effectively. The two groups have been interacting for more than fifteen years at the teaching level and for several years also at the research level. The subjects are complementary and the increase in critical mass will create new synergies and increase national and international visibility.

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

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