

## ÅSGARD-RESEARCH PROGRAMME Laureates 2017

Surname	First Name	Area	Laboratory
SEIGNEURIC	Renaud	Health	<a href="#">Lipids, Nutrition, Cancer</a> , Dijon INSERM, Université de Bourgogne, EPHE, AgroSup
BLANGY	Sylvie	Arctic Research	<a href="#">Center of functional and evolutive ecology (CEFE)</a> , Montpellier CNRS, Université de Montpellier, Université Paul Valéry Montpellier 3, Ecole Pratique des Hautes Etudes, Montpellier SupAgro, INRA Science&Impact, Institut de Recherche pour le Développement
WELEMANE	Hélène	Geomechanics	<a href="#">Laboratory Production Engineering</a> , Tarbes ENIT
DOQUET	Claire	Linguistics	<a href="#">Clesthia</a> , axis <i>Written Linguistics</i> , Paris Université Sorbonne Nouvelle Paris 3
GIGAULT	Julien	Environment and Climate	<a href="#">Laboratory Geosciences Rennes</a> , Rennes CNRS, Université de Rennes 1
GRELET	Eric	Material Sciences	<a href="#">Paul-Pascal Research Center</a> , Bordeaux CNRS, Université de Bordeaux
GATTUSO	Jean-Pierre	Marine Sciences	<a href="#">Villefranche Oceanographic Laboratory</a> Observatoire d'océanographie de Villefranche, UPMC, CNRS
KHALIGHI	Mohammad Ali	Computer Sciences and Information Technology	<a href="#">Fresnel Institute</a> , Marseille Aix-Marseille Université, CNRS, Centrale Marseille
ROSSI	André	Computer Sciences and Information Technology	<a href="#">Laboratory of Studies and Research on Informatics of Angers (LERIA)</a> , Angers Université d'Angers
BLIDON	Marianne	Sociology	<a href="#">Paris 1 Demographic Institute Research Center</a> , Paris Université Paris 1, CNRS
MAMMERI	Fayna	Health	<a href="#">Interfaces, Treatments, Organisation and System Dynamics (ITODYS)</a> , Paris Université Paris Diderot, CNRS
JORDHEIM	Lars-Petter	Health	<a href="#">Cancer Research Center of Lyon</a> Université Claude Bernard Lyon 1, INSERM, CNRS, Centre Léon Berrard

### RENAUD SEIGNEURIC

Renaud Seigneuric is working on cancer detection and treatment at the Université de Bourgogne, where he is a professor since 2007. He is particularly involved in applied research and had applied for several patents. He has also developed a software for analysing nanometer scale data named Nanodigit®, for hospital and industrial uses.

### SYLVIE BLANGY

Sylvie Blangy is currently managing several research projects in Quebec and in France. CNRS researcher, she studies interactions between people and their environment. She works on the field in cooperation with Saami and Inuit reindeer herders. Her [projects](#) include the integration of indigenous knowledge to scientific research.

### HÉLÈNE WELEMANE

After being a research engineer in geomechanics, Hélène Weleman has been working as a lecturer at the National School of Engineering of Tarbes. She develops models for mechanical damages of fragile materials. She also experiments innovative uses for infrared thermography in order to investigate damages in anisotropic materials (rocks or composite materials).

### CLAIRE DOQUET

Claire Doquet is in charge of the [Ecrisco](#) program, aimed at constituting a corpus of school writings. The analyses of the texts would allow to understand how francophone students, native or not, learn written language. She is also teaching Linguistics at the Université de la Sorbonne Nouvelle.

### JULIEN GIGAULT

CNRS researcher at the Rennes Geoscience Laboratory, Julien Gigault investigates the physico-chemical properties of nanometric plastic debris, coming from the fragmentation of plastic wastes released in rivers and river basins. He aims at understanding their life cycle and their impact on ecosystems.

### ERIC GRELET

Eric Grelet is a CNRS research supervisor, specialized in physico-chemistry of soft materials at the Research Center Paul-Pascal in Bordeaux. He is currently working on functionalization of biological materials for renewable energy or viral system uses, in collaboration with the University of Oslo.

### JEAN-PIERRE GATTUSO

Involved in the franco-german research base [AWIPEV](#) (Ny-Ålesund), Jean-Pierre Gattuso is working on Arctic Ocean acidification. He therefore studies the concentration of dissolved carbon dioxide. CNRS research supervisor at Villefranche, he is also an associate researcher at the Sustainable Development and International Relations Institute (IDDRI, Paris).

### MOHAMMAD ALI KHALIGHI

Teacher at the École Centrale de Marseille, Mohammad Ali Khalighi is part of the research team [Multidimensional Signal Processing Group](#). His research themes extend from radiofrequency to optical wireless communication. His future projects include 5G networks and communications.

### ANDRÉ ROSSI

André Rossi is a teacher at the [Université d'Angers](#) where he is specialized in operational research, at the crossroad of mathematics and computing. He develops hybrid algorithms intended to network optimisation uses, but that could apply to other fields such as natural resources management.

### MARIANNE BLIDON

Lecturer at the Paris 1 Demographic Institute, Marianne Blidon studies gender and sexuality geography. She is co-responsible for the Gender Study Certificate, in the framework of the [Transversal Gender Axis](#) created in 2008 at the University Paris 1.

### FAYNA MAMMERI

Fayna Mammeri is part of the research group Nanomaterials in the [ITODYS](#) Laboratory of the University Paris Diderot. Her research concerns the synthesis of inorganic materials by soft chemistry processes (sol-gel processes, polyol routes). She is responsible for international partnerships at the engineering school of Paris Diderot.

### LARS-PETTER JORDHEIM

Lars-Petter Jordheim is a lecturer in analytic chemistry at the Université Claude Bernard (Lyon 1) and a member of the research team « Antibody-Anticancer ». In particular, he studies the mechanism of action of the « nucleoside analogue » drugs and the resistance to them. He is currently involved in the European project [TumAdoR](#) which objective is developing enzyme inhibitors for therapeutic uses.