

# Bienvenüe

Welcoming highly-talented international post-docs in Brittany

## Results of the Call 2021

## **Résultats de l'appel à projet 2021**

The selection was established by consensus of the Scientific Board, based on the scientific evaluations done by the External Experts. Moreover, the Scientific Board paid particular attention to three elements: 1) the project contribution to the Regional Innovation Strategy (RIS3) 2) The potential for the candidate's career development 3) the inclusion of international, interdisciplinary and intersectoral dimensions.

In case of a tie in total scores, the ranking of applications was made according identified priorities: 1) Scientific excellence of the project 2) Potential of the candidate 3) Potential outcomes of the project 4) Feasibility of the project.

Any question concerning the results can be addressed to [msca-bienvenue@bretagne.bzh](mailto:msca-bienvenue@bretagne.bzh).

*La sélection a été établie par consensus par le Comité Scientifique, sur la base des évaluations scientifiques réalisées par les Expert·e·s Externes. En outre, le Comité Scientifique a porté une attention particulière à trois éléments : 1) la contribution du projet à la Stratégie de Spécialisation Intelligente (S3) 2) le potentiel de développement de la carrière du·de la candidat·e 3) l'inclusion des dimensions internationale, interdisciplinaire et intersectorielle.*

*En cas d'égalité, le classement des candidatures a été réalisé selon les priorités identifiées : 1) Excellence scientifique du projet 2) potentiel du·de la candidat·e 3) Résultats envisagés du projet 4) Faisabilité du projet.*

Toute question relative aux résultats peut être adressée à [msca-bienvenue@bretagne.bzh](mailto:msca-bienvenue@bretagne.bzh).



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- Selection list - Liste de sélection

The candidates below of the selection list are proposed for funding. They will be contacted by email on July 5<sup>th</sup> 16:00 CET. They have two weeks from this time to accept the fellowship by contacting the PMB at [msca-bienvenue@bretagne.bzh](mailto:msca-bienvenue@bretagne.bzh).

Les candidat·e·s de la liste de sélection sont proposé·e·s pour financement. Les candidat·e·s ont deux semaines pour accepter le financement à compter de la notification des résultats par mail le 5 juillet à 16:00 CET en contactant le PMB à l'adresse [msca-bienvenue@bretagne.bzh](mailto:msca-bienvenue@bretagne.bzh).

In alphabetically order of the project acronym - par ordre alphabétique des acronymes de projets

<b>Candidat <i>Candidat·e</i></b>	<b>Project acronym <i>Acronyme du projet</i></b>	<b>Project Title <i>Intitulé du projet</i></b>
Marie JARRELL	ARAVIden	Examining Virtual Avatars in Augmented Reality's Unique Dual Present form of Identification and its Cognitive Effects on Users
Emilio BARCHIESI	ArchiMit	Multi-Scale and Multi-Physics Approach to the Fabrication of Architected Materials for Shock Mitigation in Naval Engineering
Lorraine TUAL	ARMORICA	Combining garnet-zircon petrochronology to unravel the metamorphic history of a continent crossing – Implications for the preservation of key geosites
Suman MALLICK	CHIROLED	An expeditious approach towards the highly efficient organic light-emitting diodes using organic radical emitters
Manab MUKHERJEE	COsmerys	Assessing joint CO2 storage and methane recovery in shales
Björn ILLING	EPINOCHE	Adaptation potential of coastal fishes to co-occurring anthropogenic stressors
Pavanee ANNASAWMY	FINZWIO	Fine-scale zooplankton distribution within submesoscale features of the South West Indian Ocean
Daniel MANZONI DEL AMEIDA	HETEachi	Development and study for health education focusing on the COVID-19 pandemic and vaccination: a dialogue between science, education and society
Soizic GARAUD	IICIT	Immunological variables associated to immune checkpoint inhibitor toxicity in cancer patients
Morgan SMITS	IMMUCLAM	Immune Priming to Improve Manila Clam Aquaculture
Fanny DEGEILH	KAOUENN	Bridging the gap: Brain development and mild traumatic brain injury in early childhood

Grégoire DAVID	MagDFT	Extending the application of density functional theory to the new challenges of molecular magnetism
Nathan VANNIER	MICROBES	Managing microbiomes through Biodiversity to support Ecosystem Services
Maxime LAURANS	Mo2n2Fix	Molecular Models for Nitrogen Fixation
Asia Marie RIEL	NCI-Disc	Supramolecular discotic assemblies driven by noncovalent sigma-hole interactions
Thaksen Vasant JADHAV	NOMINOE	Nanorings as Organic pi-Materials Inducing Novelty in Organic Electronics
Camille DETREE	OUF	A mere drop in the ocean or a drop too much: The resilience of flat Oysters habitat Under Future oceans scenarios
Sebastian METZ	PACTO	Pathobiome Characterization in the exotic parasites Infections
Alexandre PUYGUIRAUD	PanoramX	Novel porous materials and models for optimal mixing
Trineta MUKHERJEE	PIEZOPRO	Protease production as a possible mechanism of polypeptide degradation for aminoacid acquirement by deep sea piezophile under high pressure conditions
Sophie BRAJON	PIGORAMA	Alternative pig farming system with outdoor access: reconciling farmer's expectations and pig's needs and expectations
Giulia SACCO	REACH-IT	Wearable electromagnetic haptic interfaces for augmented reality
Aude CHESNAIS	TEKBreiz	Creating a Traditional Ecological Knowledge Mapping Platform to Support Breton Regenerative Food-Systems Planning
Fernando FERNANDES DOS SANTOS	TRELA	Toward reliable deep neural network hardware for safety-critical applications
Silke LEHMANN	VASEC	Valorizing abalone enzymes and seaweed to enhance crop growth

- Reserve list – Liste d'attente

Candidates on the reserve list will be contacted in the indicated order if a position is to be filled. The reserve list is open for six months from the results publication.

Les candidat·e·s seront contacté·e·s ultérieurement dans l'ordre indiqué si une place est à pourvoir.  
La liste d'attente est ouverte pendant 6 mois à compter de la publication des résultats.

	<b>Candidat <i>Candidat·e</i></b>	<b>Project acronym <i>Acronyme du projet</i></b>	<b>Project Title <i>Intitulé du projet</i></b>
1	Juliette MAIRE	G4DAIRY	Greenhouse Gases from Grazed Grasslands and dairy production systems in Brittany
2	James BEHAN	BioNanoC	Biogenic Nanoparticles Prepared from Bacterial Biofilms for Electrocatalytic and Fuel Cell Device Applications (BioNanoCat)
3	Marine LANDA	DISKORDI	Molecular drivers of the interactions between marine algicidal Kordia and diatoms: from coexistence to algal lysis.
4	Sophie HAGE	TYC-TOC	How efficient are turbidity currents in funneling organic carbon to the deep sea?
5	Hélène AUDUSSEAU	EcoHeat	Urban heat island: a filter or selection pressure on biodiversity? Study of the impact of fine scale variations in climatic condition on species.
6	Fernando QUEIROGA	BiRHaM	Effects of harmful microalgae on reproduction of commercial bivalves.
7	Clément IPHAR	ShipMap	Geovisualisation of areas of exposure to shipping for marine policy making
8	Jean-Charles LECLERC	KELP ME!	Kelping the future marina ecosystems? A pilot study testing the effect suspended forests to promote biotic resistance and other ecosystem services
9	David CABALEIRO ÁLVAREZ	NFsPHPs	Tailored Nanofluids for Pulsating Heat Pipes
10	Kandi SRIDHAR	MELON	Microencapsulation properties of legume proteins: An integrated valorization towards sustainable plant-based functional food systems in Europe
11	Nicolas BIGOT	FARIDDAS	53BP1 ADP Ribosylation in DNA Damage Signalling
12	Sun-Yong HWANG	QHMEH	Quantum-Coherent Heat Management and Energy Harvesting
13	Raquel LUCAS GONZALEZ	TEA TIME	Tea tannins and saliva: combined effects on perceptive and digestive processes
14	Alexandre VANAUTGAERDEN	Place	From Space to Place : Rebuilding Memory Institutions
15	Morgane PERRON	SOWIS	Southern Ocean Wintertime Iron Speciation