

## 26 Exploratory research projects

AAP 2017 / Fundings 2018-2020

ACRONYM	Involved units	Project title	External partner (foreign partner)	International	Interdisciplinarity	Platforms	Inter-CeMEB units
FUNRAFI	CEFE / ECO&SOLS	Functioning of soils under wetland raised-field agriculture	LBBE / Geosciences	*	*	*	*
MARCON	ISEM / AMAP	Biotic responses of faunas and floras to abiotic changes in deep time		*	*	*	*
AMIBADAPT	IHPE / MIVEGEC / MARBEC	Exploring marine AMoebae and their endosymbionts as an environmental intracellular ADAPTive niche for pathogen emergence			*	*	*
PygmHippo-COM	CEFE / ISEM	Olfaction, Hearing, Evolutionary history Behaviour, Anatomy, CT scan, Cetartiodactyla	LSIS / Toulon University		*	*	*
SpeciSex	CEFE / ISEM	Investigating the role of sex chromosomes in reproductive isolation and speciation	CIBIO Portugal	*	*	*	*
PALADIN	CBGP / MIVEGEC	PuumALA Diversity & evolution	ANSES		*	*	*
SKEL'ESTRO	ISEM / MARBEC	Effect of (xeno)estrogens in skeleton development: a comparative approach in chondrichthyan and teleost fishes			*	*	*
DINER	CEFE / CBGP	Domestication Impacts on plaNt-insEctbacteRia interactions			*	*	*
FUNBIOME	CEFE / AMAP	Plant FUNctional BIOgeography in the Mediterranean	IMBE / CIDE Spain	*	*		*
D-RANGE	ISEM / CBGP	Environmental and evolutionary Drivers of species distributions and RANGE limits	Wits University, South Africa	*	*	*	*
AWARE	MIVEGEC / ISEM	zimbAbWe bAt viRusEs screening	University of Zimbabwe	*	*	*	*
DIV-TROP	ECO&SOLS / CEFE / AMAP	What biological mechanisms link biodiversity to tropical forest functioning? A tree experiment in Brazil	Forêts et Sociétés / University of São, Brazil	*	*	*	*
USBIO	MARBEC / AMAP	Uncertainty in Scenarios of BIOdiversity	Forêts et Sociétés / Université Paris Sud	*	*		*
WHISHES	MIVEGEC / CEFE	Wild Host diverSity : How to Estimate and detect pathogenS?	ASTRE / University of Zimbabwe (UZ)	*	*		*
EPID	CEFE / IHPE	EPigenetics of Inbreeding Depression			*	*	*
DISTIC	MIVEGEC / CEFE	Disentangling functional and effective dispersal in a nest ectoparasite of colonial seabirds and its eco-epidemiological consequences	Tour du Valat		*	*	*
BIODIFULL	MARBEC / CEFE / ISEM	Evaluating the aesthetic value of biodiversity			*		*
CONVERGE	MIVEGEC / IHPE	Convergent evolution in ape malaria agents : from genotype to phenotype	Institut de Recherche en Cancérologie Montpellier		*	*	*
RAPADAPT	CEFE / ISEM	Rapid adaptation of plants to global change: exploring the role of epigenetics			*	*	*
FIGNET	CEFE / CBGP	Uncovering complex FIG-wasps trophic NETworks using metabarcoding approach	Chinese Academy of Sciences XTBG	*	*	*	*
BACT-PHI	MIVEGEC / ISEM	Evolutionary rescue of bacterial populations facingbacteriophages, antibiotics and a combination of both stresses			*	*	*
HAPLOFIT	IHPE / ISEM	Role of viral haplotypes in viral fitness	LEMAR		*	*	*
SPEED	CBGP / ISEM	DoES PErsonality Explain spatial spread of invasive wild mice in Senegal? Behavioral ecology and population genomics approaches			*	*	*
ISLAND IMMUNITY	ISEM / CEFE	Relaxed selection at immunity genes in insular populations ? A test using a population genomics approach	CIBIO, Portugal	*	*	*	*
NANJING	AMAP / ECO&SOLS	Nitrogen Associated Nutrient cycling strategies among Jointly growing plant species and their implications for ecosystem services	Chinese Academy of Sciences (CAS), China	*	*	*	*
SALSA	MARBEC / IHPE	Identification of novel mechanisms to study differential responses to salinity stress in the euryhaline teleost Dicentrarchus labrax			*	*	*