Paris - National University of Singapore

Selected projects –

Joint call for research projects 2020

Project title	Research field	Faculty	Research Team	
Identifying mechanism and strategies to overcome resistance to venetoclax-based combination therapies in TP53 mutated leukemia	Medicine and Public Health	Health	NUS: Dr Shruti Bhatt Department of Pharmacy Faculty of Science	UParis: Prof Alexandare Puissant IRSL, Université de Paris, St Louis Hospital Jean Bernard Center – U944-UMR7212 Prof Raphael ITZYKSON, MD PhD Adult Hematology Unit – Hôpital Saint-Louis, Université de Paris

Project title	Research field	Faculty	Research Team	
Governing Diverse Cities in Europe and Asia	Human and Social Sciences	Humanities & Social Sciences	NUS: Prof Kong Chong HO Sociology Department and Asian Urbanisms Research Cluster, Asia Research Institute	Prof Marie Gibert-Flutre (co-PI) Department of East Asian Studies (LCAO) / Researcher at UMR CESSMA, Faculty of Humanities and Social Sciences Inalco: Prof Delphine Pages El Karoui (co-PI) CERMOM, Inalco
Integrated Photoelectrocatalytic – Photoelectro-Fenton System (PEC-PEF) for water disinfection	Mathematics, Physics, Chemistry & Engineering	Sciences	NUS: Olivier Lefebvre Department of Civil and Environmental Engineering Faculty of Engineering	UParis: Hyacinthe Randriamahazaka ITODYS, UMR 7086
Patterns and factors associated with physical activity and sleep - a comparison study between children from France and Singapore.	Medicine and Public Health	Health	NUS: Falk MÜLLER-RIEMENSCHNEIDER Saw Swee Hock School of Public Health, National University of Singapore	UParis: Sabine PLANCOULAINE Université de Paris, Centre for Research in Epidemiology and StatisticS (CRESS), Inserm, Inrae, Research team on early life origins of health (EAROH)

Project title	Research field	Faculty	Research Team	
Interplay between autophagy and mitochondrial redox metabolism promotes hippocampal functions and prevents aging-associated cognitive decline	Medicine and Public Health	Health	NUS: Prof Shazib PERVAIZ Department of Physiology, Yong Loo Ling School of Medicine	UParis: Prof Franck OURY INSERM U1151 – Insitut Necker Enfants-Malades (INEM) – Team: Integrative Neurobiology
Nanofibrous scaffold functionalised with extracellular vesicle for adaptive cardiac remodelling	Medicine and Public Health	Sciences	NUS: Prof Seeram Ramakrishna Department of Mechanical Engineering, Faculty of Engineering	UParis: Prof Florence Gazeau (PI) Prof Amanda Silva Brun (co-PI) UMR 7057 LABORATOIRE MATIERE ET SYSTEMES COMPLEXES (MSC)
Creating tailor-made chiral magnetic nanostructures	Mathematics, Physics, Chemistry & Engineering	Sciences	Prof Hyunsoo Yang Department of Electrical & Computer Engineering, Faculty of Engineering	Prof Vincent Repain (PI) Laboratoire Matériaux et Phénomènes Quantiques, Université de Paris Prof Salim. Mourad Chérif (co-PI) Laboratoire des Sciences des Procédés et des Matériaux (LSPM, CNRS UPR 3407) Sorbonne Paris Nord

PhD Mobility

Project title	Research field	Faculty	Research Team	
PhD Student: Luc GUIBARD Université de Paris “Housing inequity and the geography of real estate. A compared analysis in Paris and Singapore as Global Cities.”	Human and Social Sciences	Humanities & Social Sciences	Supervisor at UParis : Prof Renaud LE GOIX UMR Géographie cites 8504	Host Supervisor at NUS: Dr Filip Biljecki Architecture and Real Estate, School of Design and Environment

Joint call for innovative projects in Higher Education 2020

Project title	Research field	Faculty	Research Team	
Non-humans and Zoonoses: what do they tell us about ourselves?	Human and Social Sciences Medicine and Public Health Information and Communication Technologies Biology, Agronomy, Animal and Plant Production, Food	Humanities & Social Sciences	NUS: Dr Annu Jallais South Asian Studies, Faculty of Arts and Social Sciences Dr Vinodkumar SARANATHAN (Co-PI) Yale-NUS College	Université de Paris: Dr Mathieu QUET (PI) CEPED-UMR196 Dr Marine AL DAHDAH (Co-PI) CEPED-UMR196
Participatory Massive Open Online Course: "Governing Diverse Cities in Europe and Asia"	Human and Social Sciences	Humanities & Social Sciences	NUS: Prof HO Kong Chong Asia Research Institute / Department of Sociology	Université de Paris: Prof Camille Schmoll Géographie-cités, Faculty of Humanities and Social Sciences Prof Marie Gibert-Flutre (co-PI) Department of East Asian Studies (LCAO) / Researcher at UMR CESSMA, Faculty of Humanities and Social Sciences Inalco:

				Prof Delphine Pages El Karoui (co-PI) CERMOM, Inalco