

New Approaches to Characterize the Global Burden of Antimicrobial Resistance

ANNOUNCEMENT OF RESULT

This is to announce the results do the Call for Proposals launched in 2018 by CONFAP in partnership with the Bill & Melinda Gates Foundation, Brazilian Ministry of Health, and National Council for Scientific and Technological Development (CNPq) under the Grand Challenge Explorations Programme. The projects bellow may be funded by the related participating FAP. Other projects, not in this list, were either not recommended or exceeded the budget for this Call.

Nº	Name of the Coordinator	Institution of the Coordinator	Title of the Project
1	Agnes Figueiredo	UFRJ	Tracking MRSA evolution to discover important biomarkers to quickly characterize unique MRSA clones in hospital bloodstream infections
2	Marcelo Pillonetto	PUC-PR	SMART-EP – An artificial intelligence system to strength antimicrobial prescription in a Children’s Hospital
3	Bruno Penna	UFF	Plasmid curing by an Ethiopian barley: A natural feed/food approach to reduce plasmid mediated antibiotic resistance
4	Rejane Pinheiro	UFRJ	Data Science on Drug-Resistant Tuberculosis in Brazil
5	Tiago Antonio de Oliveira Mendes	UFV	Utilization of immobilized low cost DNA aptamers on cellulose filter to remove antibiotics residues from effluents
6	Camila Amaral	UFMG	Application of low-cost and sustainable solar oxidation treatment towards the prevention of microbial resistance in effluents in Brazil
7	Ana Cristina Gales	USP	Applying the metagenomic approach for the detection of EsβL- and carbapenemase-producing enteric pathogens recovered from different hosts

8	Eliana Carolina Vespero	UEL	Monitor antimicrobial resistance in community uropathogens and to correlate with the determinants of resistance in animal enterobacteria isolates
9	Thaís Sincero	UFSC	The dynamics of circulation of antibiotic resistant microorganisms between animal farming and medical hospital assistance
10	Leonardo Moura	UFRJ	Aerobic granular sludge, lowest life-cycle cost, to remove antibiotics from hospital wastewater
11	Nilton Lincopan	USP	OneBR - One Health Brazilian Resistance Database

Brasília, November 29th, 2018.