

Time	Wednesday 15th Nov	Thursday 16th Nov	Friday 17th Nov	Saturday 18th Nov	
9 am	Courses / Registration	TOPIC: Epidemiology, Vaccines and Antimicrobial Resistance Conference: Epidemiology of vector-borne infectious (viral) diseases of humans associated with climate change Prof. Tiago Antonio de Oliveira Mendes UFV, Brazil	TOPIC: Microorganisms in the food production chain Conference: Microbiome engineering for food biopreservation Prof. Frédéric Borges Université de Lorraine, France	TOPIC: Entrepreneurship Conference: Innovation and entrepreneurship at university Prof. Alan Ferreira de Freitas UFV, Brazil Conference: Entrepreneurship, innovation and my career! Adriana Ferreira GENTEV/UFV, Brazil	
9:40 am		Coffee-break ☕	Coffee-break ☕	Coffee-break ☕	
10 am					
10:20 am			Panel discussion Clinical trials and PoC in the validation of swine veterinary products Dr. Luiz Fernando Lino de Souza Piggork solution, Brazil Models and approaches of antibiotic resistance gene dispersal in bacteria Prof. Agnes Marie Sa Figueiredo UFRJ, Brazil Combating antimicrobial resistance in environment Prof. Camila Costa de Amorim Amaral UFMG, Brazil	Panel discussion Demystifying fermentation in the production of cocoa and specialty coffees Prof. Gilberto Vinicius Melo Pereira UFRJ, Brazil Toxigenic strains and aflatoxins in the Brazil nut chain Prof. Ariane Mendonça Kluczkowski UFAM, Brazil	Coffee-break ☕
10:40 am					1º Encontro de Egressos e Descendentes do PPG em Microbiologia Agrícola (EEMBA) Microbiology in Agriculture: the experience of transition between graduate school and the job market Fernando Augusto Silveira Talk 2: Thiago Monteiro Araújo Santos Desafios e conquistas: histórias de um egresso na pesquisa agropecuária pública Marcelo Ferreira Fernandes
11 am					
12 am					Closing Ceremony
12:30			Lunch time 🍴	Lunch time 🍴	
1 pm		Opening Ceremony			
2 pm		“Master Lecture” Moo-ving Forward: Harnessing the rumen microbiome for healthier cows and a greener future Prof. Hilário Cuqueto Mantovani UFV, Brazil	TOPIC: Microorganisms in extreme and polluted environments Conference: Tell me more about Haloarchaea: The story from Salty Extremes to Space Prof. Priya DasSarma Blue Marble Space Institute of Science, USA University of Maryland School of Medicine, USA	TOPIC: Bioengineering Conference: Application of Metabolic Modeling in improving thermotolerance of microorganisms and plants Prof. Zoran Nikoloski University of Potsdam, Germany	
3 pm	Coffee-break ☕	Panel discussion Biorremediation of metals by microorganisms and evaluation of efficiency by tests ecotoxicological Prof. Marcos Antônio Soares UFMT, Brazil Composition, function and dynamics of microbiota in soils contaminated with biofuels subjected to bioremediation processes Prof. Kelly Hidalgo UNICAMP, Brazil Kunja Soja: The first biofertilizer based on Andean extremophilic bacteria Prof. Maria Eugenia Farias Puna.Bio, Argentine	Panel discussion The role of industrial biotechnology in economic sustainability Prof. Profa. Denise M. Guimarães Freire UFRJ, Brazil Yeast population dynamics in bioethanol production in Brazil Prof. Andreas Karoly Gombert UNICAMP, Brazil	Social event (Barbecue) 🍖 (tickets required)	
3:30 pm	TOPIC: Agrotechnology Conference: Unearthing the roots of ectomycorrhizal symbioses: lessons learned from mycorrhizal genomes and transcriptomes Prof. Annegret Kohler INRA, France	Microbial-based technologies and environmental sustainability: tools for a cleaner planet Prof. Vera Lúcia dos Santos UFMG, Brazil			
4 pm					
4:30 pm	Panel discussion Interaction of plants and symbiotic microorganisms Prof. Fábio Olivares UENF, Brazil Amazonian microbiota as a source of bioinputs for agriculture Dr. Gilvan Ferreira da Silva Embrapa AM, Brazil Technologies x plant-microorganism interaction in degraded areas Dr. José Francisco de Carvalho Gonçalves INPA, Brazil	Coffee-break ☕	Coffee-break ☕		
5 pm		Short talks 🗣️ Human and Animal Pathogens and Environmental Microbiology (next page)	Short talks 🗣️ Food Microbiology and Industrial Microbiology (next page)		
6 pm	Short talks 🗣️ Agriculture Microbiology (next page)	From ancestral knowledge to the scientific process Fernando Augusto Silveira Ekoa Life Sciences	Unlocking the power of metagenomic experiments Thais Nani ilumina		
6:30 pm	Technology at the Service of Biotechnology Matheus Ribeiro Infors HT	Poster Session 📄 G1 (Human and animal pathogens) G5 (Agriculture Microbiology)	Poster Session 📄 G2 (Environmental Microbiology), G3 (Food Microbiology) and G4 (Industrial Microbiology)		
7 pm					
9:30 pm	Cocktail reception 🍸		Social event (tickets required) 🍷		

Date	Area	Short talk	Title
15/11	Agriculture Microbiology	ST 1	Rhizosphere microbiota diversity enhances <i>Fusarium</i> wilt resistance in bean plants
		ST 2	Evaluation of the potential of epiphytic bacterial isolates associated with invasive exotic plants in promoting growth of cultivated plant species
		ST 3	Bioprospecting of microorganisms in saline environments with potential for biocontrol of phytopathogens
16/11	Human and animal pathogens	ST 1	Recombinant influenza virus carrying surface protein A (PspA) of <i>Streptococcus pneumoniae</i> as a bivalent vaccine platform against influenza and pneumococcal pneumonia
		ST 2	Nematophagous and enzymatic action of <i>Pleurotus djamor</i> on gastrointestinal parasitic nematodes of ruminants
		ST 3	Design of a detection test to identify a unique MRSA clone spread in bloodstream infections in Rio de Janeiro
	Environmental Microbiology	ST 1	Energy Recovery through Microbial Fuel Cells in the Sewage Treatment by Tidal Flow Constructed Wetlands
		ST 2	Isolation, molecular and biological characterization of the bacteriophage vB_OteS-UFV02, representative of a new viral family Lutzviridae, capable of infecting <i>Oceanotoga teriensis</i>
		ST 3	Cadmium tolerance in the association between <i>Eucalyptus grandis</i> and <i>Pisolithus microcarpus</i>
17/11	Food Microbiology	ST 1	The impact of kefir consumption by lactating Wistar rats on the gut microbiota of overfed offspring during the neonatal period
		ST 2	Optimization of processing parameters for low pigment production by <i>Pseudomonas paracarnis</i> in fresh cheese using Response Surface Methodology (RSM)
		ST 3	Metagenomic and bioactive profile of Brazilian industrial kombuchas
	Industrial Microbiology	ST 1	Production of cellulolytic and hemicellulolytic enzymes by the pectinolytic <i>Aspergillus niger</i> 3T5B8-C88-P83 mutant strain under different cultivation conditions
		ST 2	Selection of <i>Streptococcus equinus</i> HC5 variants with increased production of bovicin HC5 by adaptive laboratory evolution
		ST 3	Production, purification and characterization of protease from <i>Aspergillus japonicus</i> grown in Solid-State Fermentation (SSF) with soybean meal

16TH NOVEMBER (THURSDAY)

SECTION	PRINCIPAL AUTHOR	POSTER TITLE
1	ADRIANE TOLEDO DA SILVA	Nematophagous and enzymatic action of <i>Pleurotus djamor</i> on gastrointestinal parasitic nematodes of ruminants
1	ALEXSANDRA DE JESUS CORREIA	Bioprospecting of macroalgae <i>Dichotomaria huismanii</i> (J. Ellis & Solander) Lamarck: antimicrobial potential
1	ALICE SLOTFELDT VIANA	Design of a detection test to identify a unique MRSA clone spread in bloodstream infections in Rio de Janeiro
1	ANA CAROLINA SILVA	Biochemical control: use of proteases in the control of gastrointestinal parasites
1	ANA PAULA DE PAIVA LIMA	Antibody prevalence against malignant catarrhal fever viruses in cattle and sheep in the South of Brazil
1	ARTHUR KELTON MACHADO PEIXOTO	Isolation and characterization of lytic phage from a swine farm to control <i>Salmonella</i> Minnesota
1	BRUNA ARAÚJO EUZÉBIO ALVES JACOB LOPES	Virulence profile of <i>Klebsiella</i> spp. from healthy pigs
1	CAMILA APARECIDA MARTINS	Standardization of infection and analysis of pathogenesis of <i>Aeromonas hydrophila</i> and <i>Pseudomonas fluorescens</i> in Zebrafish animal model
1	CAMILA APARECIDA PROFETA	Effect of temperature variation on the bacteriome of <i>Aedes aegypti</i> midgut and its impact on the modulation of blood digestion mechanisms
1	DEBORA CASTRO DE SOUZA	Compatibility study of <i>Duddingtonia flagrans</i> conidia and its crude proteolytic extract on gastrointestinal nematodes
1	FABIANA MARTINS COSTA FONTES	Evaluation of cloning efficiency of Mayaro virus structural polyprotein sequence into pPICZ A expression vector in <i>Escherichia coli</i>
1	GIOVANNA FERREIRA DA FONSECA	Microbiome analysis of raw milk samples from Rio Paranaíba producers, MG
1	GUILHERME FILIPE COSTA CALDEIRA	Characterization of antibiotic resistance patterns and virulence factors in <i>Vibrio</i> spp. isolated from poultry litters, water, and feed at Obafemi Awolowo University, Ile-Ife research farm, Nigeria
1	GUILHERME FILIPE COSTA CALDEIRA	Lipidomics of milk samples from animals experimentally infected with <i>Staphylococcus warneri</i>
1	HUGO MARTINS CORREIA	Unraveling <i>Proteus mirabilis</i> phage diversity and evolution through in silico proteomic and genomic classification
1	ISABELLA LUIZA DINIS DA SILVA	Study of cholesterol consumption by <i>Mycobacterium smegmatis</i> influencing the activity of the host cell
1	ISABELLA RIBEIRO RODRIGUES	Isolation and characterization of the lytic bacteriophage SaESG15 for biocontrol of <i>Salmonella</i> Enterica
1	JERSON MARQUES DE ARAUJO COSTA	Study of cholesterol consumption by <i>Mycobacterium smegmatis</i> influencing sensitivity for stress factors
1	JOÃO PAULO ARAUJO DE SOUSA	Evaluation of the thiophenic derivative SB-200 and its potential against <i>Trypanosoma cruzi</i>
1	JOÃO PAULO ARAUJO DE SOUSA	Therapeutic potential of thiophene derivative SB-200 against leishmaniasis: evaluation by molecular docking
1	JULIANA MIWA FUJIKURA	Scanning electron microscopy of chemical elements of goat milk associated with lactose in goats induced subclinical mastitis by <i>Staphylococcus warneri</i>
1	JULIANA MIWA FUJIKURA	Infrared thermography of goat udders during the evolution of subclinical mastitis induced by <i>Staphylococcus warneri</i>
1	KIMBERLY FREITAS CARDOSO	Recombinant influenza virus carrying surface protein A (PspA) of <i>Streptococcus pneumoniae</i> as a bivalent vaccine platform against influenza and pneumococcal pneumonia
1	LARISSA BERDINE GOMES DE JESUS	Exploring a vesicular and pustular disease outbreak in dairy cattle and milk handlers in visconde do Rio Branco, state of Minas Gerais, Brazil
1	LAURA ALVES ZUANON	Recombinant chimeric antigen containing predicted epitopes protects Zebrafish against <i>Aeromonas hydrophila</i> mortality
1	LETÍCIA CABRAL SOARES	Exploring resistance and virulence factors in <i>Klebsiella varicola</i> genomes: an in silico investigation
1	LETÍCIA CABRAL SOARES	Virulence factors and integrative elements in genomes of <i>Klebsiella varicola</i> from multiple reservoirs
1	LETÍCIA SANTOS SILVA DOMINGUES	Confirmation of the expression of the S protein (Spike) by the viral chimera YFV-S
1	LUIS FELYPE GARCIA DE SOUSA CALDAS	Anthelmintic potential of Amazonian bacteria against <i>Neoechinorhynchus buttnerae</i> from tambaqui
1	MARIA EDUARDA FARIA TARDIM	Plasmids associated with markers of antimicrobial resistance and virulence in <i>Klebsiella variicola</i> : an in silico approach
1	MARIA EDUARDA GOMES DO RÊGO	Quantification of proteins in goat milk serum experimentally infected with <i>Staphylococcus warneri</i>
1	MARIANA DIAS DE MELO	Characterization of antibiotic resistance genes in Enterobacteriaceae plasmids from humans, food-producing animals and the environment
1	MARIANA DIAS DE MELO	Phenotypic and genotypic characterization of <i>Klebsiella</i> spp. isolated from the nasal cavity of healthy swine
1	MATHEUS MACHADO GUIDINI	Analysis of the effect of oxygen availability on the production of extracellular vesicles by <i>Actinobacillus pleuropneumoniae</i>
1	PEDRO SAMUEL DE SOUZA	Isolation and characterization of lytic bacteriophages for mastitis treatment
1	SHARON DE ALMEIDA SOARES	Prevalence and antimicrobial resistance profile of <i>Escherichia coli</i> isolated from positive urine cultures of outpatients
1	THALYA FURTADO LOPES	Isolation of lytic bacteriophages to control <i>Salmonella enterica</i>
1	TIAGO NOGUEIRA DE SANTANA	Antimicrobial activity of Carvoeiro (<i>Tachigali subvelutina</i>) e Jatoba (<i>Hymenaea stigonocarpa</i>) leaf extracts against <i>Salmonella</i> Typhimurium
5	ADRIANA DEL SOCORRO GUERRA ACOSTA	Presence of arbuscular mycorrhizae (AMF) in soils managed with <i>Phaseolus vulgaris</i> and <i>Phaseolus dumosus</i> in Sibundoy, Putumayo, Colombia
5	ADRIANE TOLEDO DA SILVA	Linking the protease activity to the nematocidal action of <i>Pleurotus djamor</i>
5	ALEXIA SUELLEN FERNANDES	Exploring the selection of potential plant growth-promoting bacteria by soybean (<i>Glycine max</i>) in different soils
5	ALÍCIA DUTRA DE OLIVEIRA MOREIRA	Evaluation of the potential of epiphytic bacterial isolates associated with invasive exotic plants in promoting growth of cultivated plant species
5	ALINE CRISTINE DE OLIVEIRA TEIXEIRA	Rice growth promoted by inoculation with <i>Herbaspirillum</i> : a comparative study
5	ANA FLÁVIA LEÃO	Root endophytic fungi from ferruginous caves in Serra da Ferrugem, Minas Gerais, Brazil
5	ANDRÉ DA SILVA RIBEIRO	Acid phosphatase activity in post-bauxite mining rehabilitation areas with terraced mountain coffee
5	ARIANE MARIA RIZZOLI MORENO	Characterization of plant growth-promoting <i>Rhizobacteria</i> from <i>Eucalyptus grandis</i>
5	ARIANE MARIA RIZZOLI MORENO	Plant growth-promoting <i>Rhizobacteria</i> enhance the nutritional status and biomass of <i>Eucalyptus</i> clones under water deficit
5	ÁUREA CHRISTIE VASCONCELOS SANTOS	Growth inhibition of <i>Fusarium oxysporum</i> mediated by <i>Bacillus</i> sp.
5	ÁUREA CHRISTIE VASCONCELOS SANTOS	Growth inhibition of white mold (<i>Sclerotinia sclerotiorum</i>) mediated by <i>Bacillus</i> sp.

SECTION	PRINCIPAL AUTHOR	POSTER TITLE
5	BEATRIZ SCHULZE MARANGUAPE DA SILVA	Response of <i>Brachiaria</i> genotypes to inoculation with a mixture of two <i>Azospirillum</i> strains associated with nitrogen
5	BETANIA GUILHERMINA PEDROSA	Biotechnological potential of bacteria isolated from EM (Efficient Microorganisms)
5	CARLOS MAGNO BERNARDINO DA SILVA	Cellulase activity during different fermentation conditions of coffee fruits
5	CAROLINE YURI SANO YAMANAKA	Impacts of urbanization on soil and its microbes: a comparative analysis in urban and agricultural environments in the Municipality of Rio Paranaíba-MG
5	CECILIA BALDOINO FERREIRA	Protease and nematocidal action of <i>Pleurotus eryngii</i>
5	CHRISTIANE QUEIROZ DE LIMA	Aluminum improves microbial solubilization of natural phosphates by <i>Aspergillus niger</i> FS1
5	CLÁUDIA BRAGA PEREIRA BENTO	Phenotypic characterization of lactic acid bacteria isolated from silage
5	CLEIDIANA VIEIRA GUIMARÃES	Metagenomic prediction of potential nitrogen-fixing bacteria in <i>Coffea canephora</i>
5	CLEONICE APARECIDA SALGADO	Biological control and plant growth promotion by <i>Streptomyces</i> spp.
5	DANIELA CRISTINA DA SILVA	Calcium phosphate solubilization by dark septate endophytes from weed roots
5	DANIELA CRISTINA DA SILVA	Isolation of dark septate endophytes from weed roots
5	DEBORA CASTRO DE SOUZA	Friend or foe: <i>Duddingtonia flagrans</i> conidia versus its crude proteolytic extract
5	DYESSE POLLYANE FERREIRA	Proteolytic and nematocidal activity of <i>Pleurotus</i> sp.
5	EDNEI AFONSO NEVES	<i>Ralstonia solanacearum</i> inovirus Brazil 1 shows potential to use as a control agent against to bacterial wilt
5	ELLEN KALINDA GOUVEIA PEREIRA	Temporal variation of ammonia volatilization and the ureC gene in Cerrado soil enhanced with urea and NBPT
5	FÁBULO JUNIOR NOGUEIRA FERNANDES	A glimpse into an uncharted viral territory: exploring prophage-like regions in a Brazilian <i>Paracitovirus citrulli</i> isolate
5	FERNANDA PINHEIRO MOREIRA FREITAS	Rapid adaptation of <i>Papiliotrema laurentii</i> strains for lipid production in sugarcane bagasse hemicellulosic hydrolysate
5	FERNANDA SENNA FERREIRA COSTA	Potential use of calcium alginate-based biofertilizers for the sustainable cultivation of tomato plants (<i>Solanum lycopersicum</i>)
5	FLAVIO ALVES DA SILVA	Biological activity of culture filtrate of the fungus <i>Serendipita indica</i> in maize (<i>Zea mays</i> L.) and bean (<i>Phaseolus vulgaris</i> L.) seedlings
5	GABRIEL BETONI OLIVEIRA SERPA	Physiological activities of different strains of the genus <i>Bacillus</i> spp. reveal potential applicability in agriculture
5	GABRIEL COSTA PÚBLIO	Influence of soil fertilization management on the symbiosis of arbuscular mycorrhizal fungi in <i>Arabica</i> coffee
5	GABRIEL FERNANDES DA SILVA	Can growing substrate and mycorrhizal inoculation affect the growth of native tree species?
5	GUILHERME LAGE GUIMARÃES	Spectrum and suppression of antiviral resistance in Bacteriophage Insensitive Mutants (BIM) isolates from <i>Ralstonia solanacearum</i> complex (CRS)
5	GUSTAVO ANDRÉS IGLESIAS BARRERA	Clay minerals induce oxalic acid production and phosphate solubilization by <i>Aspergillus niger</i>
5	HENRIQUE PEREIRA GUIMARÃES	Bioprospecting of diazotrophic bacteria and response to nitrogen fertilization for Mombaça grass in Colorado do Oeste, Rondônia
5	ISMAELSON DAS NEVES VIEIRA	Beta-glucosidase and urease activity in bauxite-mined soils undergoing recovery
5	ITALO ALVES FREIRE	Harnessing the potential of native <i>Bacillus</i> species for mineralizing organic sources of phosphorus
5	JACIEL GONÇALVES DOS SANTOS	Biocontrol of citrus canker disease using hexane extract of sucupira seeds
5	JADE PEREIRA DE ALENCAR	Analysis of the colonization potential of the species <i>Bacillus cereus</i> CR01, <i>Bacillus velezensis</i> LMC44a and <i>Bacillus thuringiensis</i> S76 in mini sugarcane stems using confocal laser scanning microscopy
5	JAQUELINE APARECIDA DE OLIVEIRA	Bioprospecting of root endophytic fungi associated with <i>Acrocomia aculeata</i> for the biocontrol of basal stem and root rot caused by <i>Phytophthora palmivora</i>
5	JAQUELINE NASCIMENTO	Rock phosphate solubilization by organic acids: morphological and mineralogical changes
5	JAQUELINE NASCIMENTO	Rock phosphate solubilization by organic acids: solubilization kinetics
5	JÉSSICA DA SILVA FELIX	Optimization of lipopeptide production by <i>Bacillus velezensis</i>
5	JÉSSICA DA SILVA FELIX	Production of lipopeptides by <i>Bacillus velezensis</i> in different culture media
5	JESSICA SILVA SANTOS	Bioprospecting of microorganisms in saline environments with potential for biocontrol of phytopathogens
5	JESSICA SILVA SANTOS	Resistance of bacteria of the genus <i>Xanthomonas</i> to copper oxide and sulfate and to antibiotics
5	JOANA SCARPARO NOVELLO	Analysis of the taxonomic profile of the bacteriome in <i>Coffea canephora</i> fruits
5	JOANA SCARPARO NOVELLO	Taxonomic analysis of fungal microbiota from soils of <i>Coffea canephora</i>
5	JOAO PEDRO SILVA MACEDO GUIMARAES	Characterization of <i>Bacillus</i> , <i>Paenibacillus</i> , <i>Peribacillus</i> , and <i>Alkalihalobacillus</i> strains for indole-3-acetic acid production
5	JUAN LOPES TEIXEIRA	Endophytic <i>Streptomyces</i> spp. from Alcatrazes Island as a biocontrol agents against phytopathogenic fungi
5	JULIANA SILVA CARNEIRO FONSECA	Selection of an evolved strain of <i>Papiliotrema laurentii</i> with a higher xylose consumption rate by adaptive laboratory evolution
5	JULIANA SOARES DA SILVA	Effects of bovicin HC5 and alpha hop acids on ruminal fermentation in vitro
5	JUSSARA APARECIDA CRISTINO ROCHA	Arbuscular mycorrhizal fungi in conilon coffee plantation chronosequence in the state of Espírito Santo, Brazil
5	KAREN MIRELLA SOUZA MENEZES	Morphophysiological parameters of native tree species inoculated with arbuscular mycorrhizal fungi
5	LARISSA DE SOUZA GOIS	A first report of root rot in cassava associated with <i>Enterobacter cloacae</i> in Brazil
5	LARISSA DE SOUZA GOIS	Antibacterial and antibiofilm activity of <i>Lippia grata</i> essential oil against the phytopathogenic bacterium <i>Xanthomonas phaseoli</i> pv. manihotis
5	LARISSA MÁRCIA ANASTÁCIO	Amylase activity in coffee fruit fermentation with or without the addition of microbial growth stimulants
5	LEILA NASCIMENTO PEREIRA DA SILVA	Coffee seedlings inoculated with <i>Metarhizium</i> and their response to leaf miner damage.
5	LEONARDO FELLIPE DA SILVA CRUZ COUTO	Rhizosphere microbiota diversity enhances <i>Fusarium</i> wilt resistance in bean plants
5	LETÍCIA SOBRINHO	In vitro assessment of the inorganic phosphate solubilizing potential of <i>Bacillus</i> , <i>Paenibacillus</i> , <i>Peribacillus</i> and <i>Alkalihalobacillus</i> strains
5	LÍVIA MOREIRA COUTO	Isolation of bacteria to accelerate the degradation of plant residues
5	LORENZO DE LIMA VILHENA	Biotechnological potential of endophytic <i>Bacillus</i> spp. to control soybean target spot pathogen

SECTION	PRINCIPAL AUTHOR	POSTER TITLE
5	LUCAS FERREIRA CASTANHEIRA	Intestinal microbial diversity of swines fed with different sources of lithium
5	LUCAS GUILHERME HAHN KEHL	<i>Bidens pilosa</i> L. <i>rhizobacteria</i> as plant growth inhibitors
5	LUCAS MONTEIRO FERNANDES	Viability and conservation of a collection of soybean-associated bacteria after preservation for more than 20 years by deep-freezing in glycerol
5	LUDMILLA BEGARI MARROIG	In vitro assessment of the insoluble phosphate-solubilizing/mineralizing potential of endophytic bacteria from mangrove plants
5	LUIZA MARIA OLIVEIRA DE LIMA	In silico analysis of the presence of integrative and conjugative elements (ICEs) in genomes of Rhizobiaceae family bacteria
5	MARIA EDUARDA LEANDRO ASSIS	Secondary metabolites produced by <i>Streptomyces</i> sp. in the control of the phytopathogen that causes banana fusariosis
5	MARIANA UCHOA DE OLIVEIRA SANTOS	Viability and conservation of a collection of filamentous fungi associated with sugarcane plants (<i>Saccharum</i> complex)
5	MATHEUS RIBEIRO BARBOSA OLIVEIRA	Effect of different glucose feed rates on very high gravity fermentation in fed-batch system
5	MAURÍCIO DUTRA COSTA	Optimization of oxalic acid production from crude glycerin by a phosphate solubilizing strain of <i>Aspergillus niger</i>
5	MICAELA RODRIGUES DE SOUSA	<i>Pleurotus ostreatus</i> (Pearl): nematocidal and enzymatic action
5	MOISÉS RODRIGUES SILVA	<i>Trichoderma afroharzianum</i> promotes the in vitro growth of <i>Corymbia citriodora</i>
5	PEDRO DE SOUZA OLIVEIRA	Microbial profile of fermented <i>Coffea canephora</i> beans
5	RAFAEL FERREIRA SILVA	Analysis of soybean seed germination parameters in the presence of actinobacteria
5	RAFAEL OLIVEIRA ROSA	Biocontrol and plant growth promotion by <i>Penicillium</i> spp. endophytic from <i>Hevea</i> spp.
5	RAFAEL OLIVEIRA ROSA	Establishment of a nit1 gene-based transformation system for <i>Colletotrichum lindemuthianum</i>
5	RODRIGO GONÇALVES DIAS	Bovicin HC5 in combination with cephalosporins exhibited synergistic bactericidal activity against bovine mastitis pathogens and MRSA
5	SUELEN CHAVES FERNANDES	In silico identification of Integrative and Conjugative Elements (ICEs) in bacteria of the genera <i>Ciceribacter</i> , <i>Georhizobium</i> , <i>Shinella</i> and <i>Xaviernesma</i>
5	SUMAYA MARTINS TUPY	Identification and characterization of Integrative and Conjugative Elements (ICEs) in the genomes of new plant growth-promoting bacteria
5	TAINARA LUANA DUARTE	Cultivation and identification of bacteria isolated from the microbiome of common bean cultivated in Amazon black earth
5	TAMIRIS APARECIDA DE CARVALHO SANTOS	Antibacterial activity of thymol and carvacrol for the control of <i>Acidovorax citrulli</i>
5	TAMIRIS APARECIDA DE CARVALHO SANTOS	Chalcone derivatives with methoxy group exhibit antimicrobial activity against phytopathogens
5	THIAGO DE ALMEIDA PAULA	Selected bacteria can reduce synthetic N fertilization dependence in sorghum
5	TÚLIO CABRAL	Isolation, characterization and concentration for <i>Salmonella enterica</i> bacteriophages
5	WIGLISON BRUNO AIRES NASCIMENTO	Physiological tests on the strain of <i>Bacillus velezensis</i> point to functional activities with potential application in agriculture
5	YANNA CRISTINA REIS MONTEIRO	The decomposition of sugarcane residue improves the chemical and microbiological soil attributes

17TH NOVEMBER (FRIDAY)

SECTION	PRINCIPAL AUTHOR	POSTER TITLE
2	ADRIELE JÉSSICA DO CARMO SANTOS	Isolation, molecular and biological characterization of the bacteriophage vB_OteS-UFV02, representative of a new viral family Lutzviridae, capable of infecting <i>Oceanotoga teriensis</i>
2	ALMIR MOREIRA GONÇALVES JÚNIOR	Isolation of microorganisms from Brazilian Caatinga green propolis and botanical origin
2	AMANDA AZEVEDO BERTOLAZI	A fungal-bacteria consortium improves morphological and nutritional status of lettuce
2	ANA CAROLINA SILVA	Nematicidal action of <i>Bacillus licheniformis</i> proteases
2	ANA CLARA DUARTE METRI	Gut microbial diversity of <i>M. quadrifasciata</i> anthidioides and isolation of their associated bacteria
2	BIANCA ELLEN DE OLIVEIRA	Molecular biomarkers evaluation of heterotrophic nitrifying/aerobic denitrifying process in domestic sewage samples
2	CAMILA DE SOUZA VIEIRA	Insights into fatty acid profile of halotolerant bacteria from Camocim-CE
2	CLEONICE APARECIDA SALGADO	Phylogenetic study and in silico analysis of polyurethanase structures
2	DANILO OLIVEIRA RAMOS	Back into the roots: root endophytic <i>Penicillium</i> and <i>Talaromyces</i> species associated with <i>Cattleya locatellii</i> and <i>Cattleya violacea</i> (Orchidaceae)
2	ELAINE CRUZ DE JESUS	Cadmium tolerance in the association between <i>Eucalyptus grandis</i> and <i>Pisolithus microcarpus</i>
2	ELIAS HONORATO GOMES	In vitro action of <i>Metarhizium anisopliae</i> proteases on <i>Haemonchus</i> spp.
2	ERIC BRUNO DA SILVA SANTOS	Sustainable oyster mushroom cultivation using brewers' spent by-products
2	ÉRICA MANGARAVITE	DNA isolation from water samples with low-density coliform in rural and urban semi-artesian well waters
2	EVELYN RUTH DOS SANTOS RODRIGUES	Identification and screening of microorganisms isolated from stingless bees
2	GILBERT VAZ JUNIOR	FISH methodology optimization for soil samples affected by iron ore tailing
2	HELENA SANTIAGO LIMA	Assessing preservation and enrichment techniques: their effect on bacterial community composition in oil extraction platform produced water
2	HELENA SANTIAGO LIMA	Impact of microbial community structure on the kinetics of hydrogen sulfide generation in oil-related ecosystems
2	ISABELLE GONÇALVES DE OLIVEIRA PRADO	Total fungal and AMF communities in areas affected by iron ore mining waste three years after the collapse of the Fundão Dam: are we on the ecosystem recovery pathway?
2	IVANÍ SOUZA MELLO	<i>Tetrahymena pyriformis</i> and <i>Galleria mellonella</i> as model for assessing the eco-toxicity of flame retardants
2	JUAN JOSE SANCHEZ	Relationship between mycorrhization, <i>Glomeromycota</i> diversity in soil, and soil physicochemical properties in natural populations of <i>Guadua angustifolia</i> Kunth.
2	LETÍCIA DE SOUZA FERREIRA	Microbiota characterization of the rehabilitation area affected by the tailings dam collapse in Brumadinho-MG

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2	LISSETH BIBIANA PUENTES FIGUEROA	Production of <i>Beauveria bassiana</i> chitinolytic enzymes in different fermentation processes
2	LUTECIA RIGUEIRA MEDINA	Genome characterization of two heterotrophic nitrifying and aerobic denitrifying <i>Pseudomonas</i>
2	LUTECIA RIGUEIRA MEDINA	Identification of marker genes for the heterotrophic nitrification/aerobic denitrification process
2	MARCOS GOMES MACHADO	Analysis of volume and fraction of biomethane in bench-scale biogasifiers linked to dairy wastewater treatment
2	MARLON CORREA PEREIRA	Sealing and unsealed-soil cover type impact urban soil and depletes its microbial community
2	MARLON CORREA PEREIRA	Symbiotic interaction: orchids, <i>Tulasnella</i> fungi and their ecological implications
2	MILENA VERA VERA	High diversity of fungal ecological groups in Andean Patagonian Nothofagus forests
2	NICOLLY ALVES VIEIRA	Comparison of bacterial diversity in on farm inoculants
2	PAULO WILSON GOULART	Enzymatic activity for monitoring soil impacted by iron tailing
2	PAULO WILSON GOULART	Microbiological bioindicators in the evaluation of soil affected by tailings from iron mining in Minas Gerais
2	ROBSON JÚNIOR NUNES ABREU	Evaluation of sulfate reduction and sulfide production in an upflow anaerobic sludge blanket reactor (UASB) treating domestic sewage
2	RUTH CELESTINA CONDORI MAMANI	<i>Metarhizium anisopliae</i> protease production in different culture media
2	RUTH CELESTINA CONDORI MAMANI	Optimization of chitinase production by <i>Metarhizium anisopliae</i>
2	STELLA BRAATHEN DE CARVALHO	Correlation between abundance and isolation of bacteria in the gut microbiota of stingless bees of the <i>Melipona mondury</i>
2	STELLA BRAATHEN DE CARVALHO	Impact of geoenvironment on soil quality bioindicators in the Córrego-Feijão Area, Brumadinho-MG
2	STEPHANNY OLIVEIRA SILVA	Halophiles and halotolerant bacteria: changes in fatty acid profile
2	TATIANE DE ALMEIDA ROSA	Endophytes of the genus <i>Diaporthe</i> isolated from <i>Stryphnodendron adstringens</i> in the Cerrado biome, Mato Grosso do Sul, Brazil
2	THIAGO OLIVEIRA DE SOUZA	Energy recovery through microbial fuel cells in the sewage treatment by tidal flow constructed wetlands
2	VALTER RODRIGUES DA SILVA FILHO	Effects of eutrophic water on the germination of <i>Lactuca sativa</i> seeds
3	ANA BELA MACIEL MOZZER	Bacterial succession in coffee fermentation
3	ANA BELA MACIEL MOZZER	Microbiological succession during fermentation of natural and pulped coffee
3	ANDRÉ RICARDO FERREIRA DA SILVA ROCHA	Influence of second fermentation on the physicochemical and microbiological profile of non-alcoholic fermented beverages
3	ANDRÉ RICARDO FERREIRA DA SILVA ROCHA	Metagenomic and bioactive profile of Brazilian industrial kombuchas
3	ANDRESSA FALQUETO	Optimization of processing parameters for low pigment production by <i>Pseudomonas paracarnis</i> in fresh cheese using Response Surface Methodology (RSM)
3	ANDRESSA FALQUETO	Spoilage potential and biofilm formation of <i>Pseudomonas paracarnis</i> under different culture conditions
3	BÁRBARA CÔGO VENTURIM	Fermentative performance of Brazilian SCOBY for artisanal kombucha production
3	CRISTHIANE ALTOÉ FILTE	Abundance of lactic acid bacteria and yeasts in fruits of <i>Coffea arabica</i> and its relation to beverage quality
3	DALILA LUZIA DE OLIVEIRA SOARES	Biotechnological properties of <i>Galactomyces geotrichum</i> isolated from Canastra cheese
3	EDUARDO LUÍS MENEZES DE ALMEIDA	Genome assembly and variant analysis of two <i>Saccharomyces cerevisiae</i> strains isolated from stingless bee pollen
3	ELISA SILVA BASTIANELLO	Effect of processing method on sensory quality of <i>Arabica</i> coffee cultivated at different altitudes
3	FABIANA FRANÇA	Application of lactic acid bacteria isolated from fermented-whey of Porungo cheese in the production of fermented dairy beverage
3	ISABELLA CUNHA COSTA	Activity antimicrobial of extracts from the mycelium of the <i>Pleurotus citrinopileatus</i> species obtained by submerged fermentation
3	ISABELLA CUNHA COSTA	Qualitative evaluation of proteases and pectinases in the species <i>Pleurotus eryngii</i> (Pleurotaceae)
3	JANE CRISTINA DINIZ CORREIA	The impact of kefir consumption by lactating Wistar rats on the gut microbiota of overfed offspring during the neonatal period
3	JEAN HENRIQUE GUIMARÃES ALVES	Assessment of microbiological safety in fresh cheese sold without sanitary inspection in Colatina-ES
3	JEAN HENRIQUE GUIMARÃES ALVES	Microbiological quality of eggs sold in the city of Colatina-ES
3	JUNIEL MARQUES DE OLIVEIRA	Ozone as a potential approach to control <i>Pseudomonas</i> spp. in Minas Frescal cheese
3	LARISSA CASSEMIRO PACHECO MONTEIRO	Obtaining and evaluating cytotoxic, ecotoxic and antioxidant potential of <i>Coffea arabica</i> extracts
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3	LARISSA DA COSTA TEODORO	Thermal resistance and chlorine tolerance of foodborne pathogens pre-exposed to heat, acid and osmotic stresses
3	LETÍCIA ELISA ROSSI	Essential oils to control blue pigment producing <i>Pseudomonas</i>
3	LORENA ARLINDA PENA	Development of a microplate immunoassay for detection of <i>Pseudomonas</i> spp.
3	LUANA GERHEIN	Identification, enzymatic spoilage potential, and adhesion ability of <i>Pseudomonas</i> spp. isolated from the dairy production chain
3	LUANA PEREIRA DE MORAES	Diagnosis of the microbiological quality of fiscal Minas cheese samples collected of the same industry at different period
3	LUIZ FELIPE VIEIRA QUEIROZ	Sensory analysis of sourdough bread type I enriched with kale juice (<i>Brassica oleracea</i>)
3	LUÍZA BRITO CAMPOS	Wild yeasts in winemaking: exploitation for potential new products
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3	NATHÁLIA NOGUEIRA LEITE	Heatmap reveals level of microbial contamination and points out the impact of sector segregation in a fruit juice processing plant
3	NAYARA APARECIDA DA SILVA COSTA	Ozonation to remove biofilm formed by <i>Pseudomonas paracarnis</i> A006 in pipes
3	NAYARA APARECIDA DA SILVA COSTA	Evaluation of lipolytic activity and pigment production by <i>Pseudomonas</i> spp. isolated from dairy products
3	PAULO SÉRGIO PEDROSO COSTA JÚNIOR	Application of yeasts as starter cultures for coffee fermentation under anaerobic conditions
3	PAULO SÉRGIO PEDROSO COSTA JÚNIOR	Antibiotic susceptibility profiles of lactobacilli isolated from artisanal Minas cheese

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3	RAQUEL SILVA DE SOUZA	Qualitative analysis of statins found in extracts of mushrooms of the genus <i>Pleurotus ostreatus</i> and <i>Pleurotus eryngii</i>
3	ROMÁRIO DA SILVA SANTANA	Production of proteolytic enzymes with antioxidant and cytotoxic potential by <i>Pleurotus ostreatus</i> (Jacq.) P. Kumm (Basidiomycota, Pleurotaceae) in submerged fermentation
3	SÍLVIO JACKSON FÉLIX ALVES	Microbiological and physicochemical quality of semi-ripe cheese oiled with buriti (<i>Mauritia flexuosa</i>) and babassu (<i>Attalea speciosa</i>)
3	THAMYLLLES THUANY MAYRINK LIMA	Influence of six different Brazilian wheat flours on the modulation of bacterial consortium of sourdough
3	THAMYLLLES THUANY MAYRINK LIMA	Temperature is a key factor for the microbial community dynamics during the production of Aluá, a Brazilian fermented beverage
3	THAYNARA LORENZONI ENTRINGER	Effects of carbonic maceration and water addition during <i>Coffea canephora</i> fruits fermentation on microbial diversity and sensory attributes
3	VIVIANE GONÇALVES DE FARIAS	Obtaining proteases from <i>Pleurotus citrinopileatus</i> (Fr.) Singer by submerged fermentation
3	VIVIANE GONÇALVES DE FARIAS	Enzymatic expression of proteases by <i>Pleurotus citrinopileatus</i>
4	ANA LUIZA DA ROCHA FORTES SARAIVA	The functional analysis of recombinant β -Glucosidases from <i>Thermothelomyces thermophilus</i> demonstrate halotolerant enzyme on family GH3
4	BRENDA DINIZ DA ROCHA	Phosphorus recovery from wastewater Using Sequential Batch Reactors (SBRs)
4	BRUNO ANTÔNIO RIBEIRO CARVALHO	Production of cellulolytic and hemicellulolytic enzymes by the pectinolytic <i>Aspergillus niger</i> 3T5B8-C88-P83 mutant strain under different cultivation conditions
4	CARLOS HENRIQUE MARTINS DA SILVA	Evaluating the different crRNAs as an alternative for cleaving the genome of bacteriophage T7 via CRISPR-Cas9
4	CINTHIA MILLENY COSTA NASCIMENTO	Effectiveness of different solvents in obtaining extracts from acerola seeds with antioxidant and antimicrobial potential
4	CLARISSA QUIRINO KRÜGER	Bioconversion of raw glycerol into lactic acid by endophytic bacteria from mangrove plants
4	DANIELA VICENTINO MAYRINK	Biosynthesis of xanthan gum by <i>Xanthomonas campestris</i> from nutrients extracted from sugar cane bagass
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4	FÁBULO JUNIOR NOGUEIRA FERNANDES	The potential of <i>Lentzea</i> sp. 7P in producing enzymes of biotechnological interest
4	FERNANDO AUGUSTO DA SILVEIRA	The use of trehalose to increase the self-life of the bio-based products
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4	JOÃO VICTOR MARQUES GONÇALVES ASSIS	New gene cluster of lactose metabolism in the Basidiomycota yeast <i>Papiliotrema laurentii</i>
4	JOMAR DE LIMA BARROS	Increasing tolerance of bacteria to high salinity
4	LUANA GERHEIN	Combined effects of UFJF_PfSW6 phage and sodium hypochlorite for reducing <i>Pseudomonas</i> biofilm
4	LUANA PEREIRA DE MORAES	Production of enzymes by <i>Bacillus</i> sp. SMIA-2 in culture medium containing parchment coffee and different sources of nitrogen
4	MAURICIO ALEXANDER DE MOURA FERREIRA	Genome-scale metabolic reconstruction of <i>Escherichia coli</i> to account for promiscuous enzyme activity and underground metabolism
4	MICHAEL GARCIA DE OLIVEIRA	Production, purification, and characterization of protease from <i>Aspergillus japonicus</i> , grown in Solid-State Fermentation (SSF) with soybean meal
4	RAELEN MARTINS	Morphocharacterization of endophytic fungi from <i>Gustavia cf. hexapetala</i> and their potential production of industrially relevant enzymes
4	RAELEN MARTINS	Characterization of endophytic fungi from <i>Gustavia cf. hexapetala</i> and production of enzymes of industrial importance
4	RODRIGO GONÇALVES DIAS	Selection of <i>Streptococcus equinus</i> HC5 variants with increased production of bovicin HC5 by adaptive laboratory evolution
4	ELISON DE SOUZA SEVALHO	Limonene biotransformation mediated by endophytic fungi from the Brazilian Amazon
4	SAMUEL LESSA BARBOSA	Phenotype predictions of <i>Papiliotrema laurentii</i> using reduced cost analysis