

MicrobiOccitanie 2019

du 18 au 20 Février

Université de Montpellier
Amphithéâtre Dumontet
Place Eugène Bataillon

18 Février

13:00	Accueil		
13:30	Discours	Philippe Augé	Président de l'Université de Montpellier
14:00	Session	Biotechnologies	
		Milferstedt Kim	Oxygenic photogranules: from ecology to wastewater treatment
		Le Scornet Alexandre	Determining the factors that guide RNase Y to evolutionary conserved cleavage sites
		Chamas Alexandre	Impact of heterologous production of carotenoids on <i>S. cerevisiae</i> metabolism
		Gallardo Franck	ANCHOR tagged autofluorescent viruses for antiviral discovery and high resolution imaging in living cells.
		Lopez-Rubio Jose-Juan	Cas/CRISPR revolution for malaria parasites
15:40	Pause café		
16:10	Invité	Nassos Typas	High-throughput interaction profiling in bacteria
17:00	Session	Biotechnologies	
		Mansour Moise	Ribosome-dependent RNase Toxins in <i>Mycobacterium tuberculosis</i>
		Thibault Nidelet	Design and mathematical optimization of multi-strain ecosystems in winery
17:40	Session	Agro-alimentation	
		Ahmadou Abderahim	Adsorption of mycotoxins (aflatoxins and ochratoxin A) by different biochars issued from cashew nut shell.
		Bloem Audrey	unusual aromatic compounds production by yeasts during enological Fermentation

19 Février

9:00	Session	Microbiologie	
		Lionel Mourey	Structural basis of the addiction of toxin-antitoxin systems to molecular chaperones
		Agamemnon Carpousis	Cell biology of RNA processing and degradation in <i>Escherichia coli</i> .
		François Cornet	Xer recombination at the crossroad of vertical and horizontal gene transmission
10:00	Pause café		
10:30	Session	Microbiologie	
		Cerutti Aude	Contribution of an endosymbiotic organelle to <i>Toxoplasma</i> survival and persistence as a latent stage
		Olivier Neyrolles	An NAD ⁺ phosphorylase toxin triggers <i>Mycobacterium tuberculosis</i> cell death
11:10	Invité	Matthias Horn	The molecular basis of microbe-host interaction in amoeba
12:00	Déjeuner		
13:30	Session	Interactions Hôtes Microorganismes	
		Robino Etienne	Selection of virulence and resistance factors in the oyster pathogen <i>Vibrio tasmaniensis</i> LGP32 by free-living amoebae in oyster farming area.
		Baroukh Caroline	Exploration of the growth-virulence trade-off in the plant pathogen <i>Ralstonia solanacearum</i> species complex
		Lebrun Maryse	Insights into the secretion machine of virulence factors in apicomplexan parasites
		Jabrane-Ferrat Nabila	Congenital Zika Virus infection: Role of the maternal-fetal interface
		Negre Nicolas	How pathogenic bacteria and viruses defeat the immune defenses of their Lepidoptera host
15:10	Pause Café		
15:40	Session	Interactions Hôtes Microorganismes	
		Bruand Claude	Non-homologous end-joining in bacteria: from double-strand break repair to acquisition of heterologous DNA
		Burette Melanie	Epigenetic regulation of the host immune response to infection by a eukaryotic-like bacterial effector protein
		Chagneau Camille	Polyamines and colibactin : a conspiracy to promote Cancer?
		Ignacio Bravo	Open questions in disease ecology and evolution of oncogenic papillomaviruses
17:00	Session	Posters - Apéritif	

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9:00	Session	Infection-immunologie	
		Pouget Cassandra	<i>Evaluation of the composition of the intestinal microbiota and the intestinal bacterial translocation in patients with rheumatoid arthritis</i>
		Malnou Cécile	<i>Deciphering the interplay between placental exosomes and viral congenital infections</i>
		Alizon Samuel	<i>Decyphering HPV kinetics by combining ecological modelling and clinical data</i>
		Figueroa Thomas	<i>The gut microbiota modulates viral replication in ducks infected with a H5N9 highly pathogenic avian Influenza virus.</i>
10:20	Pause Café		
10:50	Session	Infection-Immunologie	
		Richard Matthias	<i>Multiple drug resistance in Mycobacterium abscessus involves TetR-dependent efflux pump systems</i>
		Dupont Maeva	<i>Upregulation of CD169+ macrophages by Mycobacterium tuberculosis leads to exacerbation of HIV-1 infection</i>
11:30	Invité	Alvaro San Millan	<i>Evolution of plasmid-mediated antibiotic resistance</i>
12:30	Déjeuner		
14:00	Session	Ecologie Evolution	
		Gandon Sylvain	<i>Pathogens drive the evolution of host resistance diversity</i>
		Citti Christine	<i>Horizontal distributive transfers and the extraordinary plasticity of the mycoplasma genome</i>
		Rescan Marie	<i>Environmental predictability shapes the evolution of acclimated tolerance curves in a stochastic environment</i>
15:00	Pause Café		
15:30	Session	Ecologie Evolution	
		Cambon Marine	<i>Prolonged culture and long lasting infections select for poorly transmitted bacterial variants</i>
		Escalas Arthur	<i>The hidden face of microbes-macrobes interactions: macroorganisms-mediated maintenance of microbial diversity</i>
		Remigi Philippe	<i>Tempo and mode of adaptation during the experimental evolution of a plant pathogen into a legume symbiont</i>
		Sofonea Mircea T.	<i>From within-host interactions to virulence evolution in multiple infections</i>