Monday July 11, 2022 Walter Gage Residence 5959 Student Union Boulevard	Lobby	Arrival and Registrat 3:00pm-7:00pm	ion	
Tues July 12, 2022		Time		
Breakfast for attendees in conference accomodations	Walter Gage Residence Isabelle MacInnes Ballroom	7:30am-9:00am		
Registration 6133 University Boulevard	The Nest Great Hall Foyer AMS Student Nest	8:00am-9:00am		
Opening remarks	The Nest Great Hall South	9:00am-9:10am 9:10am-9:20am	Rickey Yada - Dean of the Fa	aculty of Land and Food Systems, UBC
		9:20am-9:30am	Vivien Measday, ISSY36 org	
Session 1	Ecology & Biogeography	9:30am-9:55am	Andre Lachance	Forty years of yeast biogeography  Phenotypic analysis and plasticity of cold-tolerant genes in different species
	Chair: Andre Lachance	9:55am-10:20am	Daniela Delneri	belonging to the Saccharomyces genus
		10:20am-10:45am	Matthew Goddard	What drives yeast community assemblage?
				Hyphopichia pseudoburtonii, a mycelial yeast with biocontrol potential against
		10:45am-11:00am	Evodia Setati	grape bunch rot-associated moulds
		11:00am-11:15am	Chris Curtis	Population genomics of Brettanomyces bruxellensis wine isolates from New Zealand
		11:15am-11:30am	Vaskar Mukherjee	Bioprospecting at an unprecedented scale with RISE processum AB
coffee/tea		11:30am-12:00pm	Kenneth Wolfe - EMBO	
Keynote -1 Lunch	Phil Hieter introduces	12:00pm-1:00pm 1:00pm-2:30pm	Keynote Speaker	Killer toxins and evolution of the genetic code in yeasts
				Selecting and favouring non-Saccharomyces yeast to tailor winemaking
Session 2	Wine Fermentation	2:30pm-2:55pm	Vladimir Jiranek	outcomes  Evaluring years adoptation to the grape must
	Chair: Vladimir Jiranek	2:55pm-3:20pm 3:20pm-3:35pm	Jean-Luc Legras Irene de Guidi	Exploring yeast adaptation to the grape must  Can ecology explain variations in H2S production?
		3:35pm-3:50pm	Rafael Álvarez-Rafael	Phenotypic diversity in the genus Saccharomyces for winemaking

		3:50pm-4:05pm	Carmen Becerra	Substrate-Binding Sites in Fungal Oligopeptide Transporters Are Highly Conserved Among Distant Groups of Yeasts and Filamentous Fungi
coffee/tea		4:05pm-4:30pm		
Session 3	Evolutionary Genomics Chair: Jose Paulo Sampaio	4:30pm-4:55pm 4:55pm-5:20pm 5:20pm-5:35pm 5:35pm-5:50pm	Jose Paulo Sampaio Chris Todd Hittinger Laetitia Maroc John Wolters  Carignan Bailey - Lallemand	Understanding ecology, populations and domestication across yeast genera The making of yeast genomic and metabolic diversity Laboratory micro-evolution in Candida glabrata Gene Presence Networks Predict Novel Respiratory Genes from Multiple Losses of Mitochondrial Complex I across Yeasts Targeted brewing solutions through exploitation of classical and modern strain development techniques
Welcome Reception	Alumni Centre - Jack Poole Hall	7:00pm-10:30pm		
Wed July 13, 2022 Breakfast for attendees in conference accomodations	Walter Gage Residence Isabelle MacInnes Ballroom	7:30am-9:00am		
Session 4	The Nest Great Hall South  Genome Engineering in non-traditional  yeasts  Chair: Anne Gschaedler	9am-11am 9am-9:25am	John Morrissey	Genomic approaches to explore and exploit Kluyveromyces marxianus
		9:30am-9:55am 10am-10:25am	Paola Branduardi Diethard Mattanovich	CRISPR-Cas9 Gene Editing in the Hybrid Yeast Zygosaccharomyces parabailii: Optimizations and Findings Metabolic engineering of Komagataella phaffii to serve a C1 bioeconomy Genetically engineered Yarrowia lipolytica as a useful tool for production of
		10:30am-10:45am	Milan Certík	lipophilic compounds A hidden methanol and CO2 assimilation pathway in the methylotrophic yeast
		10:45am-11am	Bernd Mitic	Komagataella phaffii – the reductive glycine pathway
coffee/tea Keynote -2 Lunch	Brenda Andrews introduces	11:am-11:30am 11:30am-12:30pm 12:30pm-2pm	Corey Nislow	Yeast as the biological breadboard for innovative technologies

FEMS YR Editorial Board meeting		1:10pm-1:50pm	Rm 2311, The Nest	
Session 5	Yeast Culture Collections	2pm-2:25pm	Kyria Boundy-Mills	Insider Tips to Maximize Research Benefits from Yeast Culture Collections WDCM Global Cooperation: Global Catalogue of Microorganisms (GCM) and 10K
	Chair: Kyria Boundy-Mills	2:30pm-2:55pm 3:00pm-3:30pm	Juncai Ma Vincent Robert	Type Strain Sequencing Project Yeasts and databasing
coffee/tea				
Session 6	Synthetic Biology Chair: Verena Siewers	4:00pm-4:25pm 4:25pm-4:50pm	Verena Siewers Luciana Lazar-Stefanita	Metabolite biosensors in yeast metabolic engineering Stable twin rDNA loci form a single nucleolus in brewer's yeast Development and application of CRISPR-based tools for functional genomic
		4:50pm-5:05pm	Rebecca Shapiro	studies in the yeast pathogen Candida albicans
		5:05pm-5:25pm	David Stuart	Engineering Lipomyces starkeyi for the production of fatty alcohols from mixed carbon feedstock.
		5:25pm-5:40pm	Luca Torello Pianale	Biosensor-mediated monitoring of yeast intracellular state during bioprocesses
		5:40pm-5:55pm	Celina Borgstrom Tufvegren	Adipic acid production from glucose in recombinant Saccharomyces cerevisiae
Posters with beverages and snacks		6:00pm-7:30pm		
Commissioner Dinner	8pm-11pm	7:30pm onwards	Free time for dinner	
Thurs July 14, 2022				
Breakfast for attendees in conference accomodations	Walter Gage Residence Isabelle MacInnes Ballroom	7:30am-9:00am		
	The Nest Great Hall South			
Session 7	Evolutionary Genomics	9:00am-9:25am	Renee Geck	High throughput testing of pharmacogene variants using yeast activity assays
	Chair: Chris Todd Hittinger	9:30am-9:55am	Joseph Schacherer	Species-wide exploration of the inherited gene expression variation in yeast

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		10:00am-10:15am	Ana Pontes	Is MEL gene expansion involved in ecological adaptation in S. cerevisiae?
		10:15am-10:30am	Francisco Cubillos	Structural variants define the fermentation potential across strains in Lachancea cidri
		10:30am-10:45am	Masako Takashima	Investigation of the orthologs that characterize Ascomycota and Basidiomycota
		10:45am-11:00am	Linda Horianopoulos	Identification of yeasts with high glycolytic flux for the development of novel cell factories
coffee/tea		11:00am-11:30am		
Keynote -3	Rahul Singh from Genome BC introduces	11:30am-1:00pm	Jay Keasling John Husnik	Production of monoterpene indole alkaloids in yeast Renaissance Bioscience
	Panel Discussion		Oleg Tyurin Linda Horianopoulos	Bioboost Synbio Consulting  Dr. Chris Todd Hittinger's lab
Lunch		1:00pm-2:30pm	Linda Honanopodios	Dr. chris roug meanger stab
				Functional Amino Acid Engineering in Yeast: Application to Brewing of Alcoholic
Session 8	Food and Beverge Fermentation	2:30pm-2:55pm	Hiroshi Takagi	Beverages
	Chair: Hiroshi Takagi	2:55pm-3:20pm	Lene Jesperson	Beneficial yeasts in food - Debaryomyces hansenii as a hidden gem?
				Non-Saccharomyces yeasts for beer production: Safety assessment of Pichia
		3:20pm-3:35pm	Gitte Knudsen	kluyveri
				Evolutionary engineering of autochthonous cider yeast strain for buckwheat beer
		3:35pm-3:50pm	Neža Cadež	fermentation
		2:E0nm 4:0Enm	Francisco Carrau	Biology of Hanseniaspora vineae and its potential contribution to understand yeast adaptations for food fermentation.
		3:50pm-4:05pm	Francisco Carrau	yeast adaptations for food fermentation.
coffee/tea		4:00pm-4:30pm		
	Remembering Lex Scheffers: FEMS Yeast			
Session 9	Research Yeast Physiology session	4:30pm-4:45pm	John Morrissey	Introduction to FEMS Yeast Research and Lex Scheffers
	Chair: John Morrissey	4:45-5:00pm	Hana Sychrová	Trk1 Transporters in Yeast Cell Physiology
				Correlation between cell morphology and metabolism and its underlying
the state of the s		E:00nm E:1Enm	Xiang Li	mechanism in yeasts
		5:00pm-5:15pm	Aldrig Li	Engineering sugar transport to alter yeast physiology and increase product yields

		5:30pm-5:45pm 5:45pm-6:00pm 6:00pm-6:15pm	Maxime den Ridder Andreas Gombert Nuno Mira	Temporal proteome dynamics of (minimal glycolysis) yeast during aerobic and anaerobic growth  The maximum specific growth rate (µMAX) of <i>Saccharomyces cerevisiae</i> : so often used so seldom put into perspective  Comparative genomics unveils fundamental traits on the biology and physiology underlying the foe/friend behaviour in wine-making of Yeasts belonging to the Saccharomycodeacea family  Bioadhesion properties of Brettanomyces bruxellensis: on the origin of wine
		6:15pm-6:30pm	Paul Le Montagner	spoilage
Posters with beverages and snacks		6:30pm-8:00pm 8pm onwards	Free Time for Dinner	
Friday July 15, 2022 Breakfast for attendees in conference accomodations	Walter Gage Residence Isabelle MacInnes Ballroom	7:30am-9:00am		
	The Nest Great Hall South	_		
Session 10	Food and Beverage Fermentation	9:00am-9:25am	Florian Bauer	The wine yeast ecosystem: Molecular signatures of interactions between species  Diversity of the Fungal Oligopeptide Transporters in yeast and impact of
	Chair: Lene Jespersen	9:30am-9:55am	Virginie Galeote	oligopeptide uptake during wine fermentation
		10:00am-10:15am	Graeme Walker	Whisky fermentations with non-Saccharomyces yeasts BEYOND SACCHAROMYCES PASTORIANUS FOR MODERN LAGER BREWS: EXPLORING NON-CEREVISIAE SACCHAROMYCES HYBRIDS WITH HETEROTIC
		10:15am-10:30am	Nikola Gyurchev	MALTOTRIOSE CONSUMPTION AND NOVEL AROMA PROFILE  Torulaspora delbrueckii phenotypic and metabolic profiling for wine and bread
		10:30am-10:45am	Maria Joao Sousa	industries and its undelaying molecular bases
				Phenotypic plasticity of the yeast species Brettanomyces bruxellensis across fermentation processes: toward the identification of traits underlying adaptation
		10:45am-11:00am	Jules Harrouard	to anthropic environments?
Coffee		11:00am-11:30am		
Keynote -4	Diethard Mattanovich introduces	11:30am-12:30pm	Paula Gonçalves	Understanding the role for horizontal gene transfer in reshaping yeast metabolism

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Lunch		12:30pm-2pm		
Session 11	Industrial Ethanol Production	2:00pm-2:25pm	Charles Abbas	Recent Development of Commercial Yeast Strains for Fuel Ethanol Regulation of xylose alcoholic fermentation in the thermotolerant yeast Ogataea
	Chair: Charles Abbas	2:25pm-2:50pm	Andrei Sibirny	polymorpha and construction of the advanced fermenting strains  Assessing population dynamics during adaptive laboratory evolution using
		2:50pm-3:05pm	John Evans	microsatellite PCR analysis Whole-genome transformation of yeast promotes a single causative host strain
		3:05pm-3:20pm	Johan Thevelein	mutation absent from the donor genomic DNA that enhances tolerance to the selective condition applied
coffee/tea		3:35pm-4:00pm		
Session 12	Functional Genomics	4:00pm-4:25pm	Lieselotte Vermeersch	Why is the yeast lag phase so long? From phenotypes to pathways: global analysis of cellular networks using
	Chair: Thibault Mayor	4:25pm-4:50pm	Brenda Andrews	systematic yeast genetics and single cell image analysis  Discovery of novel regulatory mechanisms in calcium/calcineurin signaling
		4:50pm-5:05pm	Linghuo Jiang	through a functional genomics approach  Functional genomics reveals the significance of vesicular trafficking for telomere
		5:05pm-5:20pm	Adrianna Skoneczna	length control
		5:20pm-5:35pm 5:45pm-6:00pm	Thibault Mayor CLOSING CEREMONIE	Probing the genetic diversity of yeast to elevate heterologous protein expression ES including announcement of FEMS Yeast Research and GSA poster awards
ISSY36 Banquet	Sage Restaurant 6331 Crescent Rd, UBC	7:00pm-12am		
Sat July 16, 2022		Time		
Breakfast for attendees in conference accomodations	Walter Gage Residence Isabelle MacInnes Ballroom	7:30am-10:00am		