

PSL-Qlife Quantitative Biology Winter School 2025, March 10 th -14 th									
Polygenic Adaptation: from Quantitative Genetics to Population Genomics									
Monday, March 10 th		Tuesday, March 11 th		Wednesday, March 12 th		Thursday, March 13 th		Friday, March 14 th	
8:20 - 8:40 am Welcome Coffee Cafeteria		8:45 - 9:00 am Morning Coffee Cafeteria		8:45 - 9:00 am Morning Coffee Cafeteria		8:45 - 9:00 am Morning Coffee Cafeteria		8:45 - 9:00 am Morning Coffee Cafeteria	
8:40 - 9:00 am H. Teotónio & P. Charnay Introduction to workshop Favard Room		9:00 - 9:50 am Luisa Pallares Phenotypic robustness: genetic basis and environment-dependent modulation Favard Room		9:00 - 9:50 am Céline Teplitsky Studying plasticity and rapid evolution in wild populations Favard Room		9:00 - 9:50 am Susan Johnston TBA Favard Room		9:00 - 9:50 am Jacqueline Sztepanacz TBA Favard Room	
9:00 - 9:50 am Nick Barton Limits to detection of polygenic adaptation Favard Room		9:50 - 10:15 am Coffee break - Cafeteria		9:50 - 10:15 am Coffee break - Cafeteria		9:50 - 10:15 am Coffee break - Cafeteria		9:50 - 10:15 am Coffee break - Cafeteria	
9:50 - 10:15 am Coffee break - Cafeteria		10:15 - 11:05 am Frédéric Guillaume TBA Favard Room		10:15 - 11:05 am Bertrand Servin Inference on polygenic selection in livestock breeding programs Favard Room		10:15 - 11:05 am Henrique Teotónio Polygenicity and the evolution of recombination Favard Room		10:15 - 11:05 am Erik Svensson Correlational selection in the age of genomics Favard Room	
10:15 - 11:05 am Christian Schlötterer TBA Favard Room		11:05 - 11:55 am Neda Barghi Adaptation of complex traits in Drosophila Favard Room		11:05 - 11:55 am Timothée Flutre Plant-plant interactions in crop breeding Favard Room		11:05 - 11:55 am François Mallard Predicting multivariate phenotypic evolution with the infinitesimal model Favard Room		11:05 - 11:55 am Pierre de Villemereuil Nonlinear quantitative genetics and phenotypic plasticity Favard Room	
11:05 - 11:55 am Student presentations (Flash talks) Favard Room									
12:00 - 1:30 pm Lunch Room 305		12:00 - 1:30 pm Lunch Room 305		12:00 - 1:30 pm Lunch Room 305		12:00 - 1:30 pm Lunch Room 305		12:00 - 1:30 pm Lunch Room 305	
1:30 - 4:30 pm Digital workshop Employing population genetic simulations to understand polygenic adaptation, part I Ben Wölfl Diogo Ribeiro Room 321	1:30 - 4:30 pm Digital workshop Simulating sweeps and adaptation in evolution experiments using SLiM, part I Neda Barghi Changyi Xiao Room 313	1:30 - 4:30 pm Digital workshop Employing population genetic simulations to understand polygenic adaptation, part II Ben Wölfl Diogo Ribeiro Room 321	1:30 - 4:30 pm Digital workshop Simulating sweeps and adaptation in evolution experiments using SLiM, part II Neda Barghi Changyi Xiao Room 313	1:30 - 4:30 pm Digital workshop Genomic prediction for quantitative traits Bertrand Servin Timothée Flutre Elise Tourrette Room 321	1:30 - 4:30 pm Digital workshop Pedigrees, the animal model and estimating heritability Pierre de Villemereuil François Mallard Matthieu Pichéné Room 313	1:30 - 4:30 pm Digital workshop GWAS for quantitative traits Bertrand Servin Timothée Flutre Elise Tourrette Room 321	1:30 - 4:30 pm Digital workshop Pleiotropy and multivariate evolution François Mallard Pierre de Villemereuil Alix Bouthroue Desmarais Room 313	1:30 - 4:30 pm Digital workshop Non-Gaussian traits and non-linear Quantitative Genetics Pierre de Villemereuil Léa Koch Room 321	1:30 - 4:30 pm Digital workshop Correlated selection and multivariate Evolution François Mallard Alix Bouthroue Desmarais Room 313
4:30 - 5:00 pm Coffee break - Room s		4:30 - 5:00 pm Coffee break - Room 305		4:30 - 5:00 pm Coffee break - Room 305		4:30 - 5:00 pm Coffee break - Room 305		4:30 - 5:00 pm Coffee break - Room 305	
5:00 - 6:00 pm Ben Wölfl TBA Favard Room		5:00 pm – 7 pm Poster session I Wine & Cheese Room 306		5:00 - 6:00 pm Katrina McGuigan Investigating mutational effects on quantitative traits Favard Room		5:00 - 6:00 pm Patrick Phillips Experimental evolution at the frontier of synthetic biology Favard Room		5:00 – 5:30 pm Closing remarks Room 306	
				7:30 pm Faculty dinner		6:00 pm - 8 pm Poster session II & Cocktail Room 306			