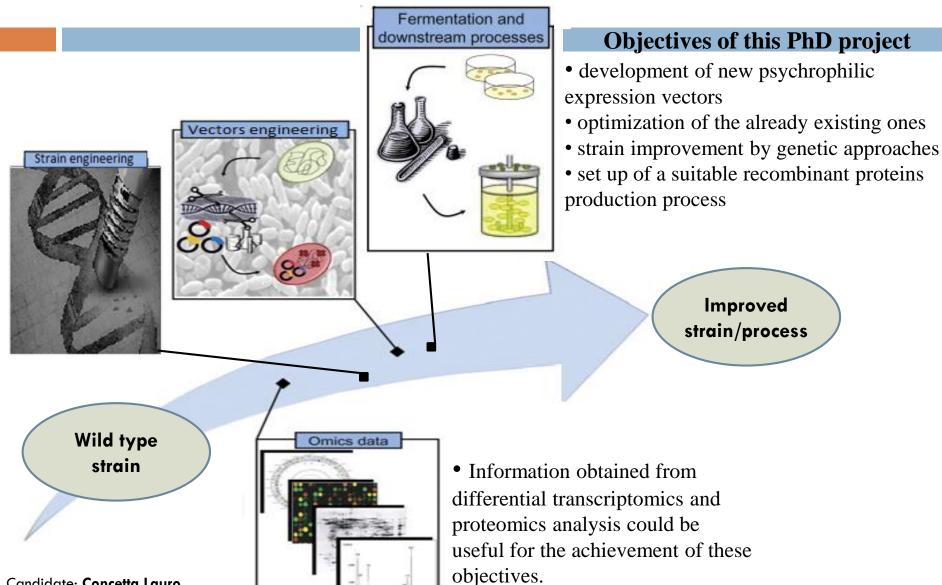
Geno-proteomic approaches to engineer *Pseudoalteromonas* haloplanktis TAC125 as a system for the production of recombinant proteins



Candidate: Concetta Lauro

Tutor: Prof.ssa Maria Luisa Tutino

TIME

	Times	cale (mo	onths)								
Objectives	3	6	9	12	15	18	24	27	30	33	36
Engineering of the psychrophilic expression vectors											
	Improvement of the already existing expression vectors										
	Identification and characterization of new psychrophilic regulated promoters										
	Use of selected regula						nted promoters for the set up of novel psychrophilic ssion systems and their use				
Strain engineering of P. haloplanktis TAC125											
	Ide										
	Characterization of the obtain enhanced strains										
	Application of the improved strains for of proteins of biotechnological interest									or produ	ction
Bioprocess development											
							produc	ion of th			
								tic biore			
							Est		ent of a : trategy	fed-batc	h

Candidate: Concetta Lauro
Tutor: Prof.ssa Maria Luisa Tutino