PLANNING

WP	Tasks/Dates	AUG			SEP				OCT					NOV			
		Aug-09			Aug-30						Oct-04			Nov-01			
		W32	W33	W34	W35	W36	W37	W38	W39	W40	W41	W42	W43	W44	W45	W46	W47
	WP1 - Master thesis prep																
T1.1	WP1-T1 - proposal	T1.1	T1.1	T1.1													
T1.2	WP1-T2 - first draft																
T1.3	WP1-T3 - final draft																
T1.4	WP1-T4 - regular check	T1.4			T1.4			T1.4			T1.4			T1.4			T1.4
	WP2 - Pond, fish and husbandry																
T2.1	WP2- prepare pond, stock breeders, select feeding regime				T2.1	T2.1	T2.1	T2.1	T2.1	T2.1	T2.1						
T2.2	WP2- Feed the offspring and raise 400 juveniles.						T2.2	T2.2	T2.2	T2.2	T2.2						
T2.3	WP2 - Quality control, fish free of diseases										T2.3						
T2.4	WP2- Prepare 4 medium experimental ponds for Ct, Sa, Av, SaAv											T2.4					
T2.5	WP2- Acclimatation 10-14days											T2.5	T2.5				
T2.6	WP2- Prepare at least 9 small ponds for the challenge test																
T2.7	WP2- Clean the ponds at the end of the experiment																
	WP3 - Bacterial preparation, vaccine preparation																
T3.1	WP3- Recovery of the two strains											T3.1	T3.1				
T3.2	WP3- Amplification and culture for challenge test												T3.2	T3.2	T3.2	T3.2	T3.2
T3.3	WP3- Production of vaccine												T3.3				
T3.4	WP3- Stockage of vaccine												T3.4	T3.4	T3.4	T3.4	T3.4
T3.5	WP3-Stockage of bacteria for challenge test																
T3.6	WP3-Verify the concentration																
	WP4 - Immunization, fish swab, challenge test																
T4.1	WP4- Fish Swab before immunization-acclimatation										T4.1						
T4.2	WP4- Immunization														T4.2		
T4.3	WP4- Fish swabs weekly (keep at cold temperature)													T4.3	T4.3	T4.3	T4.3
T4.4	WP4- Challenge test with the two strains																
T4.5	WP4- Draw results of the challenge test																
T4.6	WP4- Discussions																
	WP5 - ELISA, PCR, Agglutination test																
T5.1	WP5- ELISA for each group of samples for IgM and IgT																
T5.2	WP5- PCR of key immune genes																
T5.3	WP5- Agglutination test																
T5.4	WP5- Results and interpretations																
T5.5	WP5- Conclusions																
T5.6	WP5- Recommendations																
	WP6 - Ethics requirements																
T6.1	WP6 - Ethics requirement 1: Animal welfare during experimentation																
T6.2	WP6 - Ethics requirement 2: Approve use of fish for the study by Animal Care and Use Committee																

PLANNING (continued)

WP	Tasks/Dates	DEC				JAN					FEB				MAR		
		Dec-06				Dec-27					Jan-31				Feb-28		
		W48	W49	W50	W51	W52	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11
	WP1 - Master thesis prep																
T1.1	WP1-T1 - proposal																
T1.2	WP1-T2 - first draft																
T1.3	WP1-T3 - final draft																
T1.4	WP1-T4 - regular check		T1.4		T1.4		T1.4			T1.4			T1.4			T1.4	
	WP2 - Pond, fish and husbandry																
T2.1	WP2- prepare pond, stock breeders, select feeding regime																
T2.2	WP2- Feed the offspring and raise 400 juveniles.																
T2.3	WP2 - Quality control, fish free of diseases																
T2.4	WP2- Prepare 4 medium experimental ponds for Ct, Sa, Av, SaAv																
T2.5	WP2- Acclimatation 10-14days																
T2.6	WP2- Prepare at least 9 small ponds for the challenge test																
T2.7	WP2- Clean the ponds at the end of the experiment																
	WP3 - Bacterial preparation, vaccine preparation																
T3.1	WP3- Recovery of the two strains																
T3.2	WP3- Amplification and culture for challenge test																
T3.3	WP3- Production of vaccine																
T3.4	WP3- Stockage of vaccine																
T3.5	WP3-Stockage of bacteria for challenge test																
T3.6	WP3-Verify the concentration																
	WP4 - Immunization, fish swab, challenge test																
T4.1	WP4- Fish Swab before immunization-acclimatation																
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