

DISEASE CHALLENGE MODELS

Tank-based models that mimic chronic and acute conditions for a variety of cold and warm water aquatic species

Pathogen	Disease	Species	Freshwater			Saltwater			
			IP	Cohab	Immersion	IP	IM	Cohab	Immersion
COLDWATER SPECIES									
ISAv	<i>Infectious Salmon Anemia (ISA)</i>	Atlantic salmon							
IPNv	<i>Infectious Pacreatic Necrosis (IPN)</i>	Atlantic salmon							
IHNv	<i>Infectious hematopoietic necrosis (IH)</i>	Atlantic salmon, rainbow trout							
SAV	<i>Pancreas disease</i>	Atlantic salmon, rainbow trout							
<i>Piscirickettsia salmonis</i>	<i>Salmonid Rickettsial Septicaemia (SR)</i>	Atlantic salmon							
<i>Vibrio anguillarum</i>	<i>Vibriosis</i>	Atlantic salmon							
<i>Vibrio salmonicida</i>	<i>Coldwater vibriosis</i>	Atlantic salmon							
<i>Renibacterium salmoninarum</i>	<i>Bacterial Kidney Disease (BKD)</i>	Atlantic salmon							
<i>Moritella viscosa</i>	<i>Winter ulcer</i>	Atlantic salmon							
<i>Tenacibaculum maritimum</i>	<i>Mouth-rot</i>	Atlantic salmon							
<i>Aeromonas salmonicida</i>	<i>Furunculosis</i>	Atlantic salmon, rainbow trout							
<i>Flavobacterium psychrophilum</i>	<i>Bacterial Cold Water Disease</i>	Atlantic salmon							
<i>Lepeophtheirus salmonis</i>	<i>Sea Lice</i>	Atlantic salmon							
<i>Yersinia ruckeri</i>	<i>Enteric redmouth disease</i>	Atlantic salmon, rainbow trout							
<i>Flavobacterium columnare</i>	<i>Columnaris disease</i>	Atlantic salmon							
PRv	<i>Heart and Skeletal Inflammation (HSI)</i>	Atlantic salmon							
PCMV	<i>Cardiomyopathy Syndrome (CMS)</i>	Atlantic salmon							
OsHV	<i>Oysters Herpes Virus</i>	Oysters							
<i>Neoparamoeba perurans</i>	<i>Amoebic gill disease (AGD)</i>	Atlantic salmon							
WARMWATER SPECIES									
<i>Photobacterium damsela</i>	<i>Pasturellosis</i>	Cobia							
<i>Streptococcus agalactiae</i>	<i>Streptococcosis</i>	Tilapia							
<i>Streptococcus iniae</i>	<i>Streptococcosis</i>	Tilapia							
OsHV	<i>Oysters Herpes Virus</i>	Oysters							