

Reference	PI	Institution	Project	Amount (£k)
BB/M025837/1	Mowlem, Matthew Charles	National Oceanography Centre Scottish Association For	Quantification and Viability of "Indicator" E. coli by Lab on a Chip Isothermal Nucleic Acid Amplification for Biosecurity in Sustainable Aquaculture	247
BB/M025861/1	Black, Kenneth D.	Marine Science Scottish Association For	Predicting benthic chemistry around marine fish farms	246
BB/M025934/1	Davidson, Keith	Marine Science	Minimising the risk of harm to aquaculture and human health from advective harmful algal blooms through early warning	250
BB/M026019/1	Cramb, Gordon	University of St Andrews	Hypoxanthine metabolism in salmon: roles in osmoregulation and the innate immune response.	250
BB/M026132/1	Smith, Valerie Jane	University of St Andrews	The role of chromatin extracellular traps in host defence of fish against pathogens.	249
BB/M026140/1	Houston, Ross	University of Edinburgh	Investigation of Host Genetic Resistance to Oyster Herpes Virus using a High Density SNP Array	249
BB/M026183/1	Weidmann, Manfred	University of Stirling Plymouth Marine	The diagnostic window for detection of viruses infecting salmon in erythrocytes.	187
BB/M026221/1	Allen, Julian Icarus	Laboratory	Risks and Opportunities for Sustainable Aquaculture (ROSA)	228
BB/M026302/1	Secombes, Chris	University of Aberdeen	Development of a mucosal adjuvant for fish vaccination	234
BB/M026345/1	Dooley, Helen	University of Aberdeen	Development of a proteomic platform to facilitate the generation of new and improved vaccines for use in aquaculture.	195
BB/M026388/1	Feil, Edward James	University of Bath	WGS-aqua: Capacity building for the widespread adoption of whole genome sequencing (WGS) for the molecular epidemiology of aquaculture pathogens.	250
BB/M026426/1	Gage, Matthew James	University of East Anglia	VERIFYING THE REPRODUCTIVE POTENTIAL OF TRIPLOID FARM ATLANTIC SALMON	248
BB/M026434/1	Sharkey, Kieran James	University of Liverpool	Use of contact structures for the control of infectious diseases in the British aquaculture industry	219
BB/M026469/1	Garcia de Leaniz, Carlos	Swansea University	Epigenetic management of stress and disease resistance in Atlantic salmon	240
BB/M026531/1	Shirazi-Beechey, Soraya	University of Liverpool	Assessments of fish gut microbiota during development, and in response to environmental and dietary change	250
BB/M026566/1	van West, Pieter	University of Aberdeen	The impact of climate change on infection of salmonid fish with Saprolegnia	249
BB/M026604/1	Martin, Samuel Allen	University of Aberdeen	Gut health and immune function: the emerging role of gut microbiota in sustainable aquaculture	213

BB/M026620/1	Austin, William Edward Newns	University of St Andrews	Toxic algae and sea-loch sediments: A novel investigation to understand the influence of climate change on harmful algal blooms and aquaculture	224
BB/M026671/1	Verspoor, Eric	University of the Highlands and Islands Plymouth Marine Laboratory	Development of optimal molecular markers of domestication in Atlantic salmon for assessing introgression in wild populations ShellEye: Satellite-based water quality bulletins for shellfish farms to support management decisions	241
BB/M026698/1	Miller, Peter Ian	Laboratory	Genomic approaches to identification and preservation of wild tilapia genetic resources for aquaculture	250
BB/M026736/1	Turner, George Francis	Bangor University		246