

## Center for Aquaculture Technologies (CAT) unveils Shrimp Genetics Innovation Center in Australia

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The global growth of the shrimp industry is placing significant pressure on producers to enhance efficiency and reduce mortality, presenting them with ongoing challenges. To facilitate research aimed at delivering impactful solutions, The Center for Aquaculture Technologies (CAT) is delighted to announce the opening of the **Shrimp Genetics Innovation Center**.

This state-of-the-art facility features a cutting-edge genome editing lab and tank space, effectively quadrupling CAT's shrimp research capacity. The facility's opening sets the stage for revolutionizing shrimp genetic performance and accelerating next-generation breeding through the application of innovative genome editing techniques. The new facility at San Diego location, will establish a synergetic relationship between Shrimp Genetics Innovation Center and CAT Finfish Genetics Innovation Center.

Genome editing represents the next frontier in genetic improvement; it allows for the precise and rapid recreation of changes that would occur in nature. CAT is committed to helping shrimp producers do more with less through the development and application of genome editing technology and methodology, which can solve problems that conventional breeding methods are unable to address and substantially accelerate the pace of genetic improvement.

Matt Stone, Facility Manager, looks forward to benefiting clients, stating, “The increase in rearing and research capacity means we are even better prepared to deliver innovations to boost efficiency in the shrimp industry through genome editing. Our team is excited to be working in this new space and looks forward to helping clients achieve their goals.”

Dr. John Buchanan, CEO, touched on the broader impacts of this move, stating, “With this investment, we have further solidified our position as a leader in the delivery of impactful genetic solutions to help shrimp producers feed the world more efficiently.”