



Insourcing SolutionsSM

Aquatic Care and Research Support

Charles River Aquatic Care and Research Support was formed within our Insourcing SolutionsSM group based upon a recognized need within the industry for a reputable source of information and guidance in using aquatic animals as research models. This group provides the aquatic research industry with an invaluable resource for starting and maintaining a successful aquatic research program.

Our expertise in the maintenance and use of aquatic species as emerging research models allows us to offer a wide range of services, from consulting and experimental design implementation to operations support, including management oversight, staffing and training. This expertise, along with the vast resources of Charles River, enables us to provide customers in the academic, government and commercial sectors with the ability to meet their aquatic research goals.

Consulting

Whether establishing a new aquatics research program or optimizing an existing one, we can assist you in a number of important ways, including facility design, systems validation and protocol development.

Staffing

Charles River can provide qualified, experienced staff to run your aquatics research facility on a contract basis. Our Aquatic Specialists currently care for more than 100,000 fish, frogs and other aquatic species used in biomedical research. Charles River's extensive resources and experience allows us to efficiently recruit, hire, train and manage aquatic animal care staff, freeing you to focus on your research.

Training

We can structure a training program to suit your specific needs, from individual staff training in husbandry to group training in the operation of complete aquatics systems and beyond. Training, both didactic and hands-on, can be conducted at your facility as well as at the Charles River Training Center in Germantown, MD.

Testing

Charles River offers zebrafish genetic testing to genotype your transgenic and mutant zebrafish models utilizing a variety of nucleic acid-based services.

Capabilities

- Pre- and post-construction/renovation consulting
- Consulting services to identify and specify the infrastructure, equipment and staffing needs for your program
- System and equipment procurement
- Determination of requirements for an effective system prior to committing funds for construction
- New system evaluation to ensure a successful system before valuable research animals are introduced
- System troubleshooting services
- Aquatic husbandry and research staffing
- Training for new and existing husbandry and research staff
- Defining optimal parameters for aquatic environments
- SOP development and implementation services
- Creating proven quality control and monitoring programs
- Guidance with interpreting and following emerging AAALAC guidelines