



Marine biological resources

REVENGE

MONITORING AND UNDERSTANDING THE EVOLUTION OF VIBRIOSIS IN OYSTERS

The frequency with which mortality linked to marine species pathologies occurs underlines its seriousness and the significance of emerging diseases for ecosystem processes. Recurrent oyster mortality illustrates the ecological and economic consequences of this phenomenon.

The REVENGE project will study disease in oysters caused by different populations of *Vibrio*. These minute often comma-shaped bacilli are extremely mobile.

The study's aim is to monitor the evolutionary modes of the emergence of this disease and clarify the molecular mechanisms of representative strains of the populations of pathogens. The project will develop an innovative approach to eliminating these pathogen populations as well as develop possible treatments for this polymicrobial disease.

Partners

COM_PROJECTS_CATEGORIE_PARTNER_ENTREPRISES

Eligo Bioscience, Paris

Research centers

Station Biologique de Roscoff, Laboratoire de Biologie Intégrative des Modèles Marins, UMR 8227, Roscoff [\[Project Developer\]](#)
Ifremer, Centre de Bretagne, Unité Physiologie Fonctionnelle des Organismes Marins (PFOM), Laboratoire de physiologie des invertébrés, Argenton

Funder

- Agence Nationale de la Recherche

Labelisation

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2 747 K€