

APPLIED RESEARCH THAT MEETS THE NEEDS OF THE INDUSTRY





Fraunhofer-Gesellschaft

Fraunhofer-Gesellschaft is the leading organization for applied research in Europe. Its research activities are conducted by 69 institutes and research units at locations throughout Germany.

Fraunhofer-Gesellschaft employs over 24,500 scientists and engineers, who work with an annual research budget totaling more than 2.1 billion euros. Of this sum, around 1.9 billion euros is generated through contract research.

International collaborations with excellent research partners and innovative companies ensure direct access to regions of the greatest importance to present and future scientific progress and economic development.



Fraunhofer Chile Research

Fraunhofer Chile Research Foundation (FCR) is a wholly owned subsidiary of the Fraunhofer Gesellschaft in Germany. Its aim is to improve industrial competitiveness through applied research in Chile and Latin America.

FCR was established as an umbrella organization under which different Fraunhofer Institutes can operate.

Fraunhofer Chile Research Center for Systems Biotechnology (FCR-CSB)

FCR-CSB was the first research center established by Fraunhofer Chile Research Foundation. Its aim is to offer innovative solutions for various industries using biotechnological platforms.

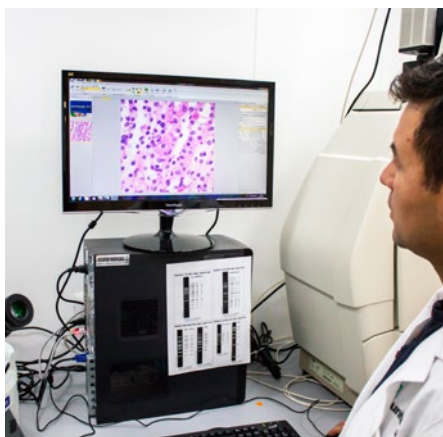
We develop new prototypes for different industries, including Agro-Food and Ingredients, Aquaculture and Marine Ecosystems, and Industrial Sustainability. In parallel, we provide services for different productive sectors based on our transversal service platform in Protein, Molecular and Cell Biology, Genomics, Bioinformatics, Chemical Analysis and Synthesis.

Additionally, we offer consultancy services in technology due diligence, intellectual property, technology transfer, technology commercialization, and innovation management.



At present, FCR-CSB has:

- Over 57 researchers, in areas of expertise ranging from Chemistry, Biology, and Informatics to Business Development and Innovation.
- Generated over 13 research projects from competitive public sources and over 98 industry contracts.
- 32 patent applications and 3 granted patents in the United States.
- More than 80 articles in peer-reviewed journals.



The research we carry out at FCR-CSB will make an impact in the local economy as we develop novel products and services for companies working in the Chilean, Latin American and global markets.

The director of the Center is
Dr. Pilar Parada

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Strategic Collaborators

Most projects in the Center are carried out by three collaborating organizations: FCR-CSB, Fraunhofer IME (Aachen, Germany) and local research partners following a policy of open innovation relationship.

Fraunhofer IME conducts applied life science research from molecules to ecosystems. Its research areas cover three business fields: Drugs and Biopharmaceuticals, Agro-sciences for Food and Feed, and Bio-production and industrial sustainability.

Our local strategic partners are Fundación Chile, Pontificia Universidad Católica de Valparaíso, Universidad de Talca and Universidad Andrés Bello. In addition, we have established collaborations with over 10 other local Universities.

FCR-CSB is supported by the Program for the Attraction of International Excellence Centers in R&D of CORFO, a Chilean governmental organization that promotes economic growth in Chile.

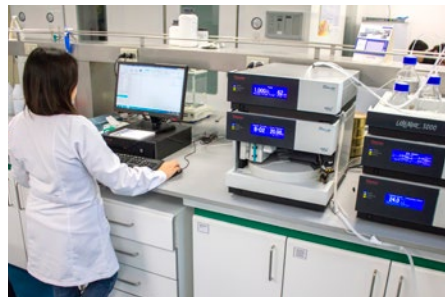


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Framework Projects

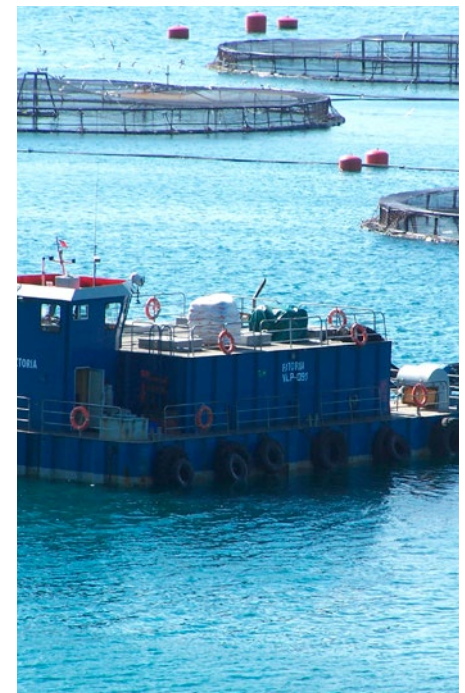
Aligned with the strategic productive sectors of Chile, FCR-CSB has focused its technical capabilities and expertise to develop world class research and development on agriculture, food- ingredients, aquaculture and industrial sustainability, among others, to fulfill requirements from small, medium and large entities of public and private sectors. The overarching goal of our research activities is the development and use of novel technologies that can be transferred to industry in cooperation with our local and international partners.



Industries served

Meeting the needs of our customers requires multidisciplinary approaches. Therefore we maintain a flexible structure that facilitates the integration of the skills of our teams, creating appropriate solutions to complex problems. Our laboratories have state-of-the-art technical capabilities for the development of solutions to particular needs of the industry.

The versatility and creativity of our research allows us to serve a wide range of industries. We invite you to contact us to let you know how we can help.



Fraunhofer Chile Research Foundation

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